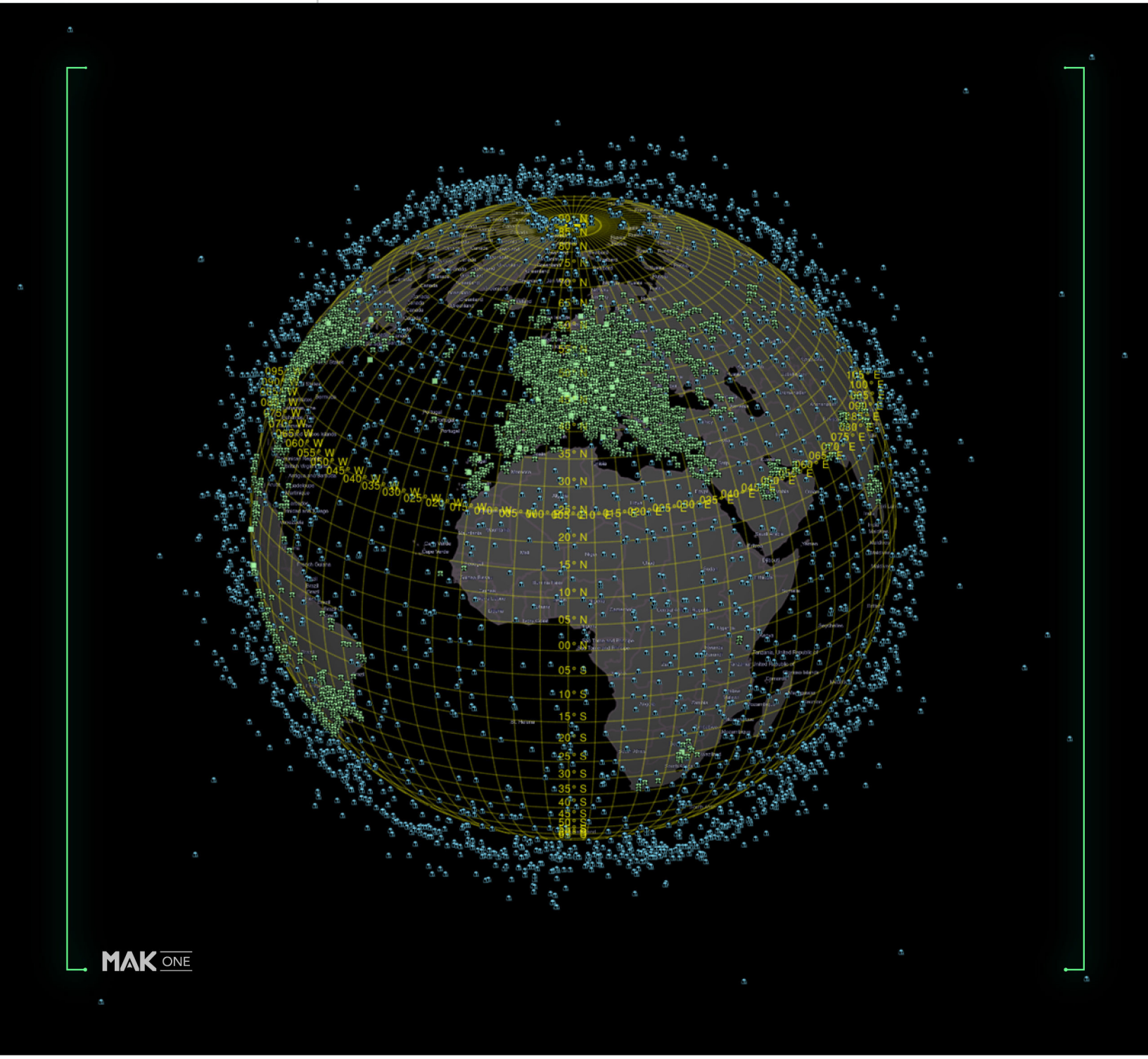
MAK TECHNOLOGIES

VR-Forces Entity Model Catalog



Version 5.0.1

ST Engineering North America

Copyright © 2022 MAK Technologies
All rights Reserved. Printed in the United States.

Under copyright laws, no part of this document may be copied or reproduced in any form without prior written consent of MAK Technologies.

VR-Exchange™, VR-TheWorld™, VR-Vantage™, DI-Guy™, and DI-Guy Scenario™ are trademarks of MAK Technologies. MÄK Technologies®, VR-Forces®, RTIspy®, B-HAVE®, and VR-Link® are registered trademarks of MAK Technologies.

GL Studio® is a registered trademark of The DiSTI® Corporation.

Portions of this software utilize SpeedTree® technology (©2008 Interactive Data Visualization, Inc.). SpeedTree is a registered trademark of Interactive Data Visualization, Inc. All rights reserved.

SilverLining™ is a trademark of Sundog Software.

Terrain Profiles are based in part on the work of the Qwt project (http://qwt.sourceforge.net).

3ds Max® is a registered trademark of Autodesk, Inc.

All other trademarks are owned by their respective companies.

MAK Technologies
10 Fawcett Street, Suite 204
Cambridge, MA 02138 USA

Voice: 617-876-8085
Fax: 617-876-9208

info@mak.com

www.mak.com

Revision VRF-5.0.1-22-220608

Contents

Chapter 1. Entity and Unit Models

1.1. Animal 1-2
1.1.1. Bomb Sniffing Dog 1-2
1.1.2. Camel 1-3
1.1.3. Chicken 1-3
1.1.4. Cow 1-4
1.1.5. Dog 1-5
1.1.6. Fish 1-6
1.1.7. Goat Herd 1-6
1.1.8. Goat 1-7
1.1.9. Herd Cow 1-7
1.1.10. Horse 1-8
1.1.11. Kangaroo 1-8
1.1.12. Mule 1-9
1.1.13. Sheep Herd 1-9
1.1.14. Sheep 1-10
1.1.15. Water Buffalo 1-11
1.2. Cultural Feature 1-11
1.2.1. Air Base 1-11
1.2.2. Aircraft Hangar 1-12
1.2.3. Bag Garbage Green 1-12
1.2.4. Bag Garbage Silver 1-13
1.2.5. Barracks 1-13
1.2.6. Bottle 1-14
1.2.7. Box Cardboard Brown 1-14
1.2.8. Box Cardboard White 1-15
1.2.9. Box Fruit Cardboard 1-15
1.2.10. Box Shipping Cardboard 1-16
1.2.11. Box Wine Cardboard 1-16
1.2.12. Bridge Arch Stone 1-17
1.2.13. Bridge Concrete Two Lane 1-17
1.2.14. Building Barracks Canvas 1-18

1.2.15. Building Barracks Large Wood Two Story 1-18
1.2.16. Building Barracks Long Wood 1-19
1.2.17. Building Barracks Medium Wood 1-19
1.2.18. Building Barracks Wood Two Story 1-20
1.2.19. Building Barracks Wood 1-20
1.2.20. Building Commercial Brick Two Story 1-21
1.2.21. Building Fire Station Brick 1-21
1.2.22. Building MOUT Large Concrete 1-22
1.2.23. Building MOUT Medium Concrete 1-22
1.2.24. Building MOUT Small Concrete 1-23
1.2.25. Building Medieval Church Brick 1-23
1.2.26. Building Office Four Story 1-24
1.2.27. Building Post Office Brick 1-24
1.2.28. Building Stucco Three Story Gray 1-25
1.2.29. Building Warehouse Metal 1-25
1.2.30. Building Warehouse Steel 1-26
1.2.31. Buoy (Can) 1-26
1.2.32. Buoy (Green Lighted) 1-27
1.2.33. Buoy (Nun) 1-27
1.2.34. Buoy (Red Lighted) 1-28
1.2.35. Container Cargo 1-28
1.2.36. Container Trash Bin 1-29
1.2.37. Container Trash Receptacle 1-29
1.2.38. Crate Wooden Strapped 1-30
1.2.39. Crate Wooden 1-30
1.2.40. Drum Plastic Blue 1-31
1.2.41. Duffle Bag IED 1-31
1.2.42. Dumpster Blue 1-32
1.2.43. Dumpster Green 1-32
1.2.44. Dumpster Light Blue 1-33
1.2.45. Dumpster Pink 1-33
1.2.46. Furniture Outdoor Bench Park 1-34
1.2.47. Hesco Barrier Small 1-34
1.2.48. House Farmhouse 1-35
1.2.49. House French Colonial Clapboard Gray 1-35
1.2.50. House German Colonial Stucco Tan 1-36
1.2.51. House Raised Ranch Clapboard White 1-36
1.2.52. House Single Family 1-37
1.2.53. House Spanish Colonial Stucco Beige 1-37
1.2.54. House Spanish Single Story Stucco White 1-38
1.2.55. House Stick Style Brick White 1-38
1.2.56. Light Lamp Post 1-39
1.2.57. Middle Eastern House Hideout 1-39
1.2.58. Middle Eastern House 1-40
1.2.59. MiddleEasternShop 1-40
1.2.60. Military Tactical Ladder 12ft 1-41
1.2.61. Military Tactical Ladder 16ft 1-41
1.2.62. Military Tactical Ladder 8ft 1-42
1.2.63. Minefield Flag-Marker 1-42
1.2.64. Nuclear Power Plant 1-43

1.2.65. Obstacle Bollard 1-43
1.2.66. Obstacle Dragon's Teeth 1-44
1.2.67. Obstacle Fence Chain Link 1-44
1.2.68. Obstacle Fire Hydrant 1-45
1.2.69. Obstacle Minefield Post 1-45
1.2.70. Obstacle Traffic Barricade Blue 1-46
1.2.71. Obstacle Traffic Barricade Yellow 1-46
1.2.72. POL Storage Tank 1-47
1.2.73. Palette Wooden Gray 1-47
1.2.74. Palette Wooden 1-48
1.2.75. Parachuting Cargo Palette 10K 1-48
1.2.76. Parachuting Cargo Palette 15K 1-49
1.2.77. Parachuting Cargo Palette 5K 1-50
1.2.78. Parachuting Cargo Palette 1-51
1.2.79. Radio Antenna 1-51
1.2.80. Rope Ladder 10m 1-52
1.2.81. Runway 1000m 1-52
1.2.82. Runway 150m 1-53
1.2.83. Shooting Target Poster Silhouette 1-53
1.2.84. Shooting Target Poster Suspect 1-54
1.2.85. Shooting Target Poster Thug 1-54
1.2.86. Shooting Target 1-55
1.2.87. Sign Pole Traffic Stop 1-55
1.2.88. Tire Spare Compact 1-56
1.2.89. Tire Spare 1-56
1.2.90. Tower Clock German 1-57
1.2.91. Tower Communications 1-57
1.2.92. Tower Control Concrete 1-58
1.2.93. Tower Power Transmission 1-58
1.2.94. Tower Radio 1-59
1.2.95. Tower Water 1-59
1.2.96. Traffic Cone Red 1-60
1.2.97. Traffic Cone Yellow 1-60
1.2.98. Traffic Light 1-61
1.2.99. Trash Bag Pile Extra Large 1-61
1.2.100. Trash Bag Pile Large 1-62
1.2.101. Trash Bag Pile Medium 1-62
1.2.102. Trash Bag Pile Small 1-63
1.2.103. Vending Machine Newspaper 1-63
1.2.104. Vending Machine Publication 1-64
1.3. Fixed Wing 1-65
1.3.1. A-10 Thunderbolt 1-65
1.3.2. A-29 Super Tucano 1-66
1.3.3. A-4 Skyhawk 1-67
1.3.4. A400M Atlas 1-68
1.3.5. A400M Tanker 1-69
1.3.6. AC-130U Spooky II 1-70
1.3.7. AMX 1-71
1.3.8. AT-802 1-72
1.3.9. ATR 72-600 1-73

1.3.10. AV-8B Harrier II 1-74
1.3.11. Ababil UAV 1-75
1.3.12. Airbus 310 - Air France 1-76
1.3.13. Airbus 310-304 1-77
1.3.14. Airbus 319 - Air China 1-78
1.3.15. Airbus 320 - American Airlines 1-79
1.3.16. Airbus 320 - British Airways 1-80
1.3.17. Airbus 320 - Lufthansa 1-81
1.3.18. Airbus 320 - Singapore Airlines 1-82
1.3.19. Airbus 380 1-83
1.3.20. Airbus A310 MRTT Tanker 1-83
1.3.21. Antanov AN-72 Coaler 1-84
1.3.22. B-2 Spirit 1-85
1.3.23. B-52 Stratofortress 1-86
1.3.24. B1-B Lancer 1-87
1.3.25. BAE CT-155 Hawk 1-88
1.3.26. BAE Hawk T2 1-89
1.3.27. BN-2 Islander 1-90
1.3.28. BTT-3 Banshee Jet 80 1-91
1.3.29. Beechcraft 36 Bonanza 1-92
1.3.30. Beechcraft C-12 1-93
1.3.31. Beechcraft MC-12 King Air Single Seater 1-94
1.3.32. Beechcraft MC-12 King Air 1-95
1.3.33. Beechcraft T-6 Texan II 1-96
1.3.34. Beriev A-50 Mainstay 1-97
1.3.35. Boeing 707 1-98
1.3.36. Boeing 737 British Airways 1-99
1.3.37. Boeing 737-900 1-100
1.3.38. Boeing 747-400 1-101
1.3.39. Boeing 757 1-102
1.3.40. Boeing 767 1-103
1.3.41. Boeing 777-200 1-104
1.3.42. Boeing 777-300 1-105
1.3.43. Boeing 777 1-106
1.3.44. Boeing 787-800 1-107
1.3.45. Boeing E-4 1-108
1.3.46. Bombardier CL-600 1-109
1.3.47. Bombardier CRJ 700 1-110
1.3.48. Bombardier CRJ100 Air France 1-111
1.3.49. Bombardier CRJ200 Air France 1-112
1.3.50. Bombardier DHC-8 1-113
1.3.51. C-130 Hercules 1-114
1.3.52. C-130J Super Hercules 1-115
1.3.53. C-17 Globemaster III 1-116
1.3.54. C-5 Galaxy 1-117
1.3.55. CASA C-212 Aviocar 1-118
1.3.56. CASA CN-235 1-119
1.3.57. CC-115 Buffalo 1-120
1.3.58. CC-150 Polaris 1-121
1.3.59. CL-415 Superscooper 1-122

1.3.60. CV-22B Osprey 1-123
1.3.61. Canadair CT-114 1-124
1.3.62. Cessna 172 Skyhawk 1-125
1.3.63. Cessna 185 Skywagon Floats 1-126
1.3.64. Cessna Citation 1-127
1.3.65. Cessna F406 Caravan II 1-128
1.3.66. Chengdu J-10C 1-129
1.3.67. Chengdu J-20 1-130
1.3.68. Chengdu J-7 1-131
1.3.69. Dassault Atlantic 1-132
1.3.70. Dassault Mystere-Falcon 20 1-133
1.3.71. Dassault Mystere-Falcon 900 1-134
1.3.72. Dornier DO 228-200 LGW 1-135
1.3.73. E-2 Hawkeye 1-136
1.3.74. E-3 Sentry 1-137
1.3.75. E-7 AEW&C Wedgetail 1-138
1.3.76. E-8C JSTARS 1-139
1.3.77. EA-18G Growler 1-140
1.3.78. EA-6B Prowler 1-141
1.3.79. EADS CASA C-295 1-142
1.3.80. EMT Aladin 1-143
1.3.81. EMT Luna 1-144
1.3.82. Embraer ERJ135 1-145
1.3.83. Embraer Phenom 100 1-146
1.3.84. Embraer R/E-99 1-147
1.3.85. Eurofighter Typhoon 1-148
1.3.86. F-117A Nighthawk 1-149
1.3.87. F-15 Eagle 1-150
1.3.88. F-16A Fighting Falcon 1-151
1.3.89. F-22 Raptor 1-152
1.3.90. F-35 Lightning II 1-153
1.3.91. F-4E 2020 Terminator 1-154
1.3.92. F-5E Tiger 1-155
1.3.93. F/A-18 Hornet 1-156
1.3.94. Gulfstream G400 1-157
1.3.95. Gulfstream G550 1-158
1.3.96. Gulfstream III 1-159
1.3.97. Harbin SH-5 ASW 1-160
1.3.98. Hermes 450 1-161
1.3.99. IAI 1124 Sea Scan 1-162
1.3.100. IAI Heron 1-163
1.3.101. IL-38 Dolphin 1-164
1.3.102. IL-76MD Candid B 1-165
1.3.103. IL-78M Midas Tanker 1-166
1.3.104. JAS 39 Gripen 1-167
1.3.105. JF-17 Thunder 1-168
1.3.106. Jaguar IS 1-169
1.3.107. KC-10A Extender 1-170
1.3.108. KC-130 Hercules Tanker 1-171
1.3.109. KC-130J Super Hercules Tanker 1-171

1.3.110. KC-135 Stratotanker 1-172
1.3.111. KC-46A Pegasus 1-173
1.3.112. L-39 Albatros 1-174
1.3.113. Lockheed L-1011 1-175
1.3.114. M-346 Master 1-176
1.3.115. MIG-21 Fishbed 1-177
1.3.116. MQ-1 Predator 1-178
1.3.117. MQ-1C Gray Eagle 1-179
1.3.118. MQ-4C Triton 1-180
1.3.119. MQ-9 Reaper UAV 1-181
1.3.120. MV-22B Osprey 1-182
1.3.121. Maveric UAS 1-183
1.3.122. MiG-27 Flogger 1-184
1.3.123. MiG-29 Fulcrum 1-185
1.3.124. MiG-31 Foxhound 1-186
1.3.125. MiG-35 Fulcrum F 1-187
1.3.126. Mirage 2000 1-188
1.3.127. Mirage F1 1-189
1.3.128. Mohajer UAV 1-190
1.3.129. Nanchang Q-5 Fantan 1-191
1.3.130. P-3 Orion 1-192
1.3.131. P-8A Poseidon 1-193
1.3.132. RDE KZO 1-194
1.3.133. RQ-11 Raven UAV 1-195
1.3.134. RQ-4 Global Hawk UAV 1-196
1.3.135. RQ-7 Shadow UAV 1-197
1.3.136. Rafale B 1-198
1.3.137. SAGEM Sperwer 1-199
1.3.138. SU-22M-4 Fitter-K 1-200
1.3.139. SU-24M Fencer D 1-201
1.3.140. SU-25 Frogfoot 1-202
1.3.141. SU-27 Flanker 1-203
1.3.142. SU-33 Flanker D 1-204
1.3.143. SU-34 Fullback 1-205
1.3.144. SU-35 Flanker E 1-206
1.3.145. SU-37 Flanker 1-207
1.3.146. SU-57 Felon 1-208
1.3.147. ScanEagle UAV 1-209
1.3.148. Sentinel R1 1-210
1.3.149. Shaanxi KJ-500 1-211
1.3.150. Shenyang J-11 Flanker 1-212
1.3.151. Shenyang J-15 Flanker D 1-213
1.3.152. Shenyang J-31 Gyrfalcon 1-214
1.3.153. Shenyang J-8 Finback 1-215
1.3.154. T-38C Talon 1-216
1.3.155. Tornado ADV 1-217
1.3.156. Tu-160 Blackjack 1-218
1.3.157. Tu-22M Backfire 1-219
1.3.158. Tu-95 Bear E 1-220
1.3.159. Ultralight Trike 1-221

1.3.160. Xian H-6 Badger 1-222
1.3.161. Xian H-6U Badger Tanker 1-223
1.3.162. Xian JH-7 1-224
1.3.163. Xian KJ-2000 Mainring 1-225
1.3.164. Yak-130 Mitten 1-226
1.4. Ground Vehicle 1-227
1.4.1. 2S1 Gvozdika 1-227
1.4.2. 2S19 Msta-S 1-228
1.4.3. 2S35 Kolitsiya SV 1-229
1.4.4. AAVC7A1 Landing Vehicle 1-230
1.4.5. AHS Krab Howitzer 1-231
1.4.6. AMX-10RC 1-232
1.4.7. AMX-30 MBT 1-233
1.4.8. AMX-30D 1-234
1.4.9. AMX-56 Leclerc MBT 1-235
1.4.10. AN/MPQ-64 Phased Array SHORAD Radar 1-236
1.4.11. AN/TPY-2 Radar 1-237
1.4.12. AS-90 Artillery 1-238
1.4.13. ASCOD Ulan AIFV 1-239
1.4.14. ASLAV-25 1-240
1.4.15. ASTROS II MLRS 1-241
1.4.16. ATF Dingo 1-242
1.4.17. AUF1 155mm Howitzer 1-243
1.4.18. AZP S-60 1-244
1.4.19. Aardvark JSFU 1-245
1.4.20. Achzarit APC 1-246
1.4.21. Actros AHSVS 1-247
1.4.22. Air Defense Artillery Platoon (RUS) SA-9 1-248
1.4.23. Air Defense Artillery Platoon (USA) Avenger 1-248
1.4.24. Aircraft Baggage Conveyor 1-249
1.4.25. Aircraft Baggage Truck 1-250
1.4.26. Aircraft Baggage Wagon 1-251
1.4.27. Aircraft Catering Truck 1-252
1.4.28. Aircraft Follow Me Car 1-253
1.4.29. Aircraft High Loader Dolly 1-254
1.4.30. Aircraft Mobile Stairs 1-255
1.4.31. Aircraft Tow Tractor 1 1-256
1.4.32. Aircraft Tow Tractor 2 1-257
1.4.33. Aircraft Towbar 1-258
1.4.34. Airport Bus 1-259
1.4.35. Ambulance 1-260
1.4.36. Aravis MRAP 1-261
1.4.37. Arjun MBT 1-262
1.4.38. Armored Recon Platoon (RUS) BMP2 1-263
1.4.39. Auto Rickshaw 1-263
1.4.40. Auverland A4 AVL 1-264
1.4.41. BAZ-69092 Tow Vehicle 1-265
1.4.42. BM-21 2B17 1-266
1.4.43. BMD-2 IFV 1-267
1.4.44. BMD-3 IFV 1-268

1.4.45. BMP-1 AFV 1-269
1.4.46. BMP-2 AFV 1-270
1.4.47. BMP-3 AFV 1-271
1.4.48. BTR-60 APC 1-272
1.4.49. BTR-80 APC 1-273
1.4.50. BTR-90 APC 1-274
1.4.51. BV206 SUSV 1-275
1.4.52. Badger AEV 1-276
1.4.53. Bandvagn 206 1-277
1.4.54. Beaver AVLB 1-278
1.4.55. Bergepanzer 2 ARV 1-279
1.4.56. Bison APC 1-280
1.4.57. Box Truck Graffiti 1-281
1.4.58. Box Truck 1-282
1.4.59. Buffalo ARV 1-283
1.4.60. Buffalo MRAP III 1-284
1.4.61. Bulldozer 1-285
1.4.62. Bus 1-286
1.4.63. Bushmaster PMV 1-287
1.4.64. C1 Ariete MBT 1-288
1.4.65. CAESAR SP Howitzer 1-289
1.4.66. CUCV II 1-290
1.4.67. CV9035 AFV 1-291
1.4.68. Cadillac Gage Commando V-150 1-292
1.4.69. Car Bomb 1-293
1.4.70. Centauro B1 1-294
1.4.71. Chevrolet Caprice 1-295
1.4.72. Civilian Vehicle 1-295
1.4.73. Club K Container Missile Launcher 1-296
1.4.74. Combat Service Support Platoon (RUS) 1-297
1.4.75. Combat Service Support Platoon (USA) 1-297
1.4.76. Combat Service Support Section (USA) 1-298
1.4.77. Commercial Medium Truck 1-298
1.4.78. Cougar FSV 1-299
1.4.79. Coyote APC 1-300
1.4.80. Coyote TSV 6x6 1-301
1.4.81. DNG/DCL 1-302
1.4.82. Dardo IFV 1-303
1.4.83. EE-9 Cascavel 1-304
1.4.84. EPP-III Patriot Power Generator 1-305
1.4.85. ERC 90 Sagaie 1-306
1.4.86. ESK Mungo 1-307
1.4.87. Economy Compact Size Sedan 1-308
1.4.88. FGM-148 Javelin Tripod 1-309
1.4.89. FV 510 Warrior 1-310
1.4.90. FV101 Scorpion CVR 1-311
1.4.91. FV107 Scimitar 1-312
1.4.92. FV4030/4 Challenger MBT 1-313
1.4.93. FV4034 Challenger 2 MBT 1-314
1.4.94. FV432 APC 1-315

1.4.95. Federal Express Truck 1-316
1.4.96. Fennek 1-317
1.4.97. Fiat 124 1-318
1.4.98. Field Artillery Battery (USA) M109 1-318
1.4.99. Field Artillery Battery (USA) M777 1-319
1.4.100. Field Artillery Headquarters Section (USA) 1-319
1.4.101. Field Artillery Platoon (USA) M109 1-320
1.4.102. Field Artillery Platoon (USA) M777 1-320
1.4.103. Field Artillery Section (USA) M109 1-321
1.4.104. Field Artillery Section (USA) M777 1-321
1.4.105. Fire Engine 1-322
1.4.106. Food Truck 1-323
1.4.107. Ford Aircraft Oil Truck 1-324
1.4.108. Ford Escape SUV 1-325
1.4.109. Freccia IFV 1-326
1.4.110. Fuchs APC 1-327
1.4.111. Fuel Tanker Trailer 1-328
1.4.112. G-Wagen 1-329
1.4.113. GAZ-2330 SPM Tigr-M 1-330
1.4.114. GAZ-233114 AMN Tigr-M 1-331
1.4.115. GAZ-233115 Tigr-M 1-331
1.4.116. GAZ-2975 Tigr-M 1-332
1.4.117. GAZ-66 Truck 1-332
1.4.118. GAZ-69 Utility Vehicle 1-333
1.4.119. GTK Boxer APC 1-334
1.4.120. GTK Boxer CRV 1-335
1.4.121. Green Pine Radar 1-336
1.4.122. Grizzly APC 1-337
1.4.123. HMMWV with Avenger 1-338
1.4.124. HQ-2 Launcher 1-339
1.4.125. HQ-9 Self Propelled TEL 1-340
1.4.126. Hawkei Protected Mobility Vehicle 1-341
1.4.127. Husky ARV 1-342
1.4.128. IED 5 Gallon Container 1-343
1.4.129. IED Ammonium Nitrate Bags 1-343
1.4.130. IED Artillery Shell 1-344
1.4.131. IED Bag in Ground 1-344
1.4.132. IED Cell Phone 1-345
1.4.133. IED Exposed Ordinance 1-345
1.4.134. IED Pile of Boxes Large 1-346
1.4.135. IED Pile of Boxes Single 1-346
1.4.136. IED Pile of Boxes Small 1-347
1.4.137. IED Pressure Cooker Silver 1-347
1.4.138. IED Pressure Cooker White 1-348
1.4.139. IED Tire Pile Box 1-348
1.4.140. IED Tire Pile Large 1-349
1.4.141. IED Tire Pile Medium 1-349
1.4.142. IED Tire Pile Rice Bags 1-350
1.4.143. IED Tire Pile Single 1-350
1.4.144. IED Tire Pile Small 1-351

1.4.145. IED Trash Bags Single 1-351
1.4.146. IED Trash Cans Single 1-352
1.4.147. IED Trash Pile Large 1-352
1.4.148. IED Trash Pile Medium 1-353
1.4.149. IED Trash Pile Small 1-353
1.4.150. Iveco LMV 1-354
1.4.151. Jackal MWMIK 1-355
1.4.152. Jingle Truck 1-356
1.4.153. K-17 Bumerang IFV 1-357
1.4.154. K1A1 MBT 1-358
1.4.155. KN-02 Hwasong-11 Launcher 1-359
1.4.156. KN-08 Hwasong-13 Launcher 1-360
1.4.157. Kornet D 1-361
1.4.158. L-118 Howitzer 1-362
1.4.159. LAPV Enok 1-363
1.4.160. LAV AT (Anti Tank) 1-364
1.4.161. LAV I AVGP Grizzly 1-365
1.4.162. LAV I AVGP Husky 1-366
1.4.163. LAV III APC 1-367
1.4.164. LAV-25 1-368
1.4.165. LAV-AD (Air Defense) 1-369
1.4.166. LAV-C2 (Command and Control) 1-370
1.4.167. LAV-M (Mortar) 1-371
1.4.168. LAV-R (Recovery) 1-372
1.4.169. LG1 Howitzer 1-373
1.4.170. LIV (SO) Serval 1-374
1.4.171. Ladder Truck 1-375
1.4.172. Land Rover Wolf 1-376
1.4.173. Leopard 2 (POL) 1-377
1.4.174. Leopard 2 Tank 1-378
1.4.175. M-Gator ATV 1-379
1.4.176. M1000 Heavy Equipment Trailer 1-380
1.4.177. M1025 HMMWV with M2 1-381
1.4.178. M1028 FMTV Canvas Cargo Truck 1-382
1.4.179. M1028 FMTV Cargo Truck w/ trailer 1-383
1.4.180. M1037 HMMWV with Shelter 1-384
1.4.181. M104 Wolverine 1-385
1.4.182. M1046 HMMWV with TOW launcher 1-386
1.4.183. M1068 Command Post 1-387
1.4.184. M1070 HET Truck 1-387
1.4.185. M1083A1 FMTV Flatbed Truck 1-388
1.4.186. M1083A1 FMTV Troop Seat Flatbed Truck 1-389
1.4.187. M1089A1 FMTV Wrecker 1-390
1.4.188. M109 Howitzer 1-391
1.4.189. M1117 Guardian ASV 1-392
1.4.190. M1120 Palletized Loading System (PLS) 1-393
1.4.191. M1120A4 HEMTT LHS 1-394
1.4.192. M1126 Stryker ICV 1-395
1.4.193. M1126 Stryker w/ M2 1-396
1.4.194. M1126 Stryker w/ MK19 1-396

1.4.195. M113 APC 1-397
1.4.196. M1134 Stryker ATGM 1-398
1.4.197. M1140 HIMARS ATACMS 1-399
1.4.198. M1150 ABV Abrams 1-400
1.4.199. M1151 HMMWV ECAC 1-401
1.4.200. M1157 FMTV Dump Truck 1-402
1.4.201. M1157 FMTV Troop Seat Dump Truck 1-403
1.4.202. M1231 Husky Mk III VMMD 1-404
1.4.203. M1278 JLTV-GP 1-405
1.4.204. M142 HIMARS 1-406
1.4.205. M1977 Common Bridge Transport (CBT) 1-407
1.4.206. M198 Howitzer 1-408
1.4.207. M1A1 AIM (AUS) Mineplow 1-409
1.4.208. M1A1 AIM (AUS) 1-410
1.4.209. M1A1 SA Abrams Mineplow 1-411
1.4.210. M1A1 SA Abrams Mineroller 1-411
1.4.211. M1A1 SA Abrams 1-412
1.4.212. M1A2 Abrams MBT 1-413
1.4.213. M270 MLRS 1-414
1.4.214. M2A2 Bradley IFV 1-415
1.4.215. M2A3 Bradley (IFV) 1-416
1.4.216. M35 Truck 1-417
1.4.217. M3A2 Bradley CFV 1-418
1.4.218. M577A2 Command Post 1-419
1.4.219. M60T Sabra MBT 1-420
1.4.220. M7 BFIST 1-421
1.4.221. M88 Medium Recovery Vehicle 1-422
1.4.222. M9 ACE 1-423
1.4.223. M901 Patriot Launcher 1-424
1.4.224. M915 Tractor Truck 1-425
1.4.225. M939A2 5-Ton Truck 1-426
1.4.226. M977 HEMTT Cargo Truck 1-427
1.4.227. M978 HEMTT Fuel Truck 1-428
1.4.228. M983 HEMTT Patriot Tractor 1-429
1.4.229. M984 HEMTT Wrecker w/ M240B 1-430
1.4.230. M985 HEMTT Heavy Cargo 1-431
1.4.231. M992A2 FAASV 1-432
1.4.232. M993 MLRS 1-433
1.4.233. M997 HMMWV Ambulance 1-434
1.4.234. M998 HMMWV Utility Vehicle 1-435
1.4.235. MAN HX 1-436
1.4.236. MAZ 543 1-437
1.4.237. MBT 2000 1-438
1.4.238. MEP 1050 Generator Trailer 1-439
1.4.239. MILCOTTS Silverado 1-440
1.4.240. MIM-104 Patriot Launcher 1-441
1.4.241. MO-120RT-61 Mortar 1-442
1.4.242. MOWAG Duro 1-443
1.4.243. MOWAG Eagle 1-444
1.4.244. MRAP M-ATV 1-445

1.4.245. MRAP Ridgeback PPV 1-446
1.4.246. MRAP-CAT I MaxxPro 1-447
1.4.247. MRAP-CAT II Cougar 1-448
1.4.248. MSVS 8x8 Truck 1-449
1.4.249. MT-LB APC 1-450
1.4.250. MTVR Close Support Tanker 1-451
1.4.251. MTVR Medium Tactical Vehicle Replacement 7-Ton 1-451
1.4.252. MTVR Truck 1-452
1.4.253. MZKT-7930 Special Wheeled Chassis 1-453
1.4.254. Male On Motorbike 1-454
1.4.255. Mamba APC 1-455
1.4.256. Medium Box Truck 1-456
1.4.257. Mercedes-Benz Actros Truck 1-457
1.4.258. Merkava III MBT 1-458
1.4.259. Merkava IV MBT 1-459
1.4.260. Mid Size Pickup Truck 1-460
1.4.261. NASAMS 2 Launcher 1-461
1.4.262. Namer APC 1-462
1.4.263. Navistar 7000 1-463
1.4.264. Nodong Launcher 1-464
1.4.265. Off-Road SUV 1-465
1.4.266. PHL 03 (Type 03) MLRS 1-466
1.4.267. PHZ 89 1-467
1.4.268. PLZ-45 Howitzer 1-468
1.4.269. PT-91 Twardy MBT 1-469
1.4.270. Paddy Wagon 1-470
1.4.271. Pandur II 6x6 1-471
1.4.272. Pandur II 8x8 1-472
1.4.273. Panhard AML-245 1-473
1.4.274. Panhard M3 APC 1-474
1.4.275. Panther CLV 1-475
1.4.276. Panzerhaubitze 2000 Howitzer 1-476
1.4.277. Patria AMV 1-477
1.4.278. Patriot Engagement Control Sys 1-478
1.4.279. Patriot Radar AN/MPQ-65 1-479
1.4.280. Pegaso 3046 APC 1-480
1.4.281. Police Cruiser (Chevy) 1-481
1.4.282. Police Tactical Van 1-482
1.4.283. Puma AFV 1-483
1.4.284. Puma CEV 1-484
1.4.285. RG-31 Charger MRAP 1-485
1.4.286. RG-31 Nyala MRAP 1-486
1.4.287. RG-32 Galten MRAP 1-487
1.4.288. RG-33 MRAP 1-488
1.4.289. RH-202 AA Gun 1-489
1.4.290. Rapier SAM 1-490
1.4.291. Renault GBC 180 Truck 1-491
1.4.292. Roland 2 AMX-30R 1-492
1.4.293. Rosomak M1 with MK44 1-493
1.4.294. Rosomak M1 with RIWS 1-494

1.4.295. Rosomak M3 APC with WKM-B 1-495
1.4.296. Rosomak RAK with 120mm Mortar 1-496
1.4.297. SA-10B SP TEL (5P85S) 1-497
1.4.298. SA-12 Giant TELAR (9A82) 1-498
1.4.299. SA-12 Gladiator TELAR (9A83-1) 1-499
1.4.300. SA-12 Grill Pan Engagement Radar (9S32) 1-500
1.4.301. SA-13 Gopher 1-501
1.4.302. SA-15 Command Post (9S737) 1-502
1.4.303. SA-15 Gauntlet SAM 1-503
1.4.304. SA-17 Grizzly BUK-M2 TELAR (9K317E) 1-504
1.4.305. SA-17 Grizzly Launcher/Loader TEL (9A316) 1-505
1.4.306. SA-19 Grison 1-506
1.4.307. SA-20 Cheese Board (96L6E) 1-507
1.4.308. SA-20 Missile Transport/Reload Vehicle (22T6) 1-508
1.4.309. SA-21 Acquisition Radar (91N6E) 1-509
1.4.310. SA-21 Command Post (55K6E) 1-510
1.4.311. SA-21 Self-propelled TEL (5P90S) 1-511
1.4.312. SA-22 Pantsir-S1 Tracked 1-512
1.4.313. SA-22 Pantsir-S1 Truck 1-513
1.4.314. SA-5 Gammon Square Pair Radar (5N62) 1-514
1.4.315. SA-6 Gainful SAM 1-515
1.4.316. SA-9 Gaskin SAM System 1-516
1.4.317. SS-25 Launcher 1-517
1.4.318. Safir Military Vehicle 1-518
1.4.319. Scud-B 1-519
1.4.320. Scud-ER Launcher 1-520
1.4.321. Sport Hatchback Coupe 1-521
1.4.322. Sport Standard Size Sedan 1-522
1.4.323. Standard MidSize Sedan 1-523
1.4.324. T-14 Armata 1-524
1.4.325. T-15 Armata IFV 1-525
1.4.326. T-155 Firtina 1-526
1.4.327. T-55 MBT 1-527
1.4.328. T-62 MBT 1-528
1.4.329. T-69 MBT 1-529
1.4.330. T-72 MBT 1-530
1.4.331. T-80 MBT 1-531
1.4.332. T-84 MBT 1-532
1.4.333. T-90M MBT 1-533
1.4.334. THAAD GB Radar 1-534
1.4.335. THAAD Launch Control Station 1-535
1.4.336. THAAD Launcher 1-536
1.4.337. THAAD Power Unit 1-537
1.4.338. TOS-1 Buratino 1-538
1.4.339. TRM 1000 Truck 1-539
1.4.340. Tank Company (RUS) 1-540
1.4.341. Tank Company (USA) Mine Plows 1-540
1.4.342. Tank Company (USA) 1-541
1.4.343. Tank Headquarters Section (RUS) 1-541
1.4.344. Tank Headquarters Section (USA) 1-542

1.4.345. Tank Platoon (RUS) 1-542
1.4.346. Tank Platoon (USA) Mine Plows 1-543
1.4.347. Tank Platoon (USA) 1-543
1.4.348. Taurus ARV 1-544
1.4.349. Taxicab 1-545
1.4.350. Technical Truck w/ Mortar 1-546
1.4.351. Technical Truck 1-547
1.4.352. Terrier AEV 1-548
1.4.353. Titan AVLB 1-549
1.4.354. Toyota Land Cruiser M240 1-550
1.4.355. Toyota Pickup (Transport) 1-551
1.4.356. Toyota Pickup 1-552
1.4.357. Tractor Trailer Cab 1-553
1.4.358. Tractor Trailer with Cab 1-554
1.4.359. Trojan AVRE 1-555
1.4.360. Type 10 MBT 1-556
1.4.361. Type 85 (YW 531H) APC 1-557
1.4.362. Type 90 Kyu-maru MBT 1-558
1.4.363. Type 99 MBT 1-559
1.4.364. URO VAMTAC 1-560
1.4.365. US Postal Truck 1-561
1.4.366. Ural 4320 Tanker 1-562
1.4.367. Ural 43203 R330Zh Jammer 1-563
1.4.368. Ural 43206 1-564
1.4.369. Ural 4320 1-565
1.4.370. Ural 5323 1-566
1.4.371. VAB APC 1-567
1.4.372. VBCI APC 1-568
1.4.373. VBL ATV 1-569
1.4.374. VLRA 4x4 Truck 1-570
1.4.375. VLRA 6x6 Truck 1-571
1.4.376. VM 90 LSVW 1-572
1.4.377. Volkswagen Type 2 Microbus 1-573
1.4.378. WZ551 APC 1-574
1.4.379. Wiesel AWC 1-575
1.4.380. XM7 FIST-Bradley 1-576
1.4.381. ZIL-135 8x8 Truck 1-577
1.4.382. ZPU-4 AA Gun 1-578
1.4.383. ZSU-23-4 Shilka 1-579
1.4.384. ZSU-57-2 1-580
1.5. Human 1-581
1.5.1. Afghan Police Officer 1-581
1.5.2. Afghan Soldier AK47 1-582
1.5.3. Afghan Soldier Panzerfaust 3 1-583
1.5.4. African Insurgent 1-584
1.5.5. Antitank Team (USA Army) Javelin 1-585
1.5.6. Australian Soldier EF88 1-586
1.5.7. Belgian Soldier 1-587
1.5.8. Border Patrol Agent 1-588
1.5.9. Brazilian Soldier 1-589

1.5.10. COLT Team (RUS) 1-590
1.5.11. COLT Team (USA) 1-590
1.5.12. Canadian Navy 1-591
1.5.13. Canadian Soldier 1-592
1.5.14. Child 1-593
1.5.15. Chilean AT4 1-594
1.5.16. Chilean IMI Galil 1-595
1.5.17. Chilean M16-M203 1-596
1.5.18. Chilean M16 1-597
1.5.19. Chilean M240 1-598
1.5.20. Chilean M249 1-599
1.5.21. Chilean M4 1-600
1.5.22. Chilean M60 1-601
1.5.23. Civilian Airport Worker 1-602
1.5.24. Civilian Crowd (Small) 1-602
1.5.25. Civilian Female 1-603
1.5.26. Civilian Male 1-604
1.5.27. Civilian Mideast Crowd (Large) 1-604
1.5.28. Civilian Mideast Crowd (Medium) 1-605
1.5.29. Civilian Mideast Crowd (Small) 1-605
1.5.30. Colombian Airforce 1-606
1.5.31. Colombian Armed Forces 1-607
1.5.32. Colombian Military Police 1-608
1.5.33. Colombian Naval Infantry 1-609
1.5.34. Colombian Police Anti Disturb 1-610
1.5.35. Colombian Police Officer 1-611
1.5.36. Colombian Riot Police 1-612
1.5.37. Colombian Soldier IWI X95 1-613
1.5.38. Construction Worker 1-614
1.5.39. DI Lasing (CIS) 1-615
1.5.40. DI Lasing (US) 1-616
1.5.41. Dutch Soldier 1-617
1.5.42. Emergency Medical Technician 1-618
1.5.43. European Soldier 1-619
1.5.44. Female On Bike 1-620
1.5.45. Fire Support Team (USA) 1-620
1.5.46. Fire Support Team 1-621
1.5.47. Fireman (Hose) 1-621
1.5.48. Fisherman with Life Jacket 1-622
1.5.49. Flight Deck Crew (Chock And Chains) 1-623
1.5.50. Flight Deck Crew (Grounding Cable) 1-624
1.5.51. Flight Deck Crew 1-625
1.5.52. Flight Deck Crewman 1-626
1.5.53. Flight Deck Worker 1-627
1.5.54. French Soldier 1-628
1.5.55. German Soldier 1-629
1.5.56. Ghillie Suit Soldier 1-630
1.5.57. ISIS Fighter 1-631
1.5.58. Indian Soldier 1-632
1.5.59. Infantry Headquarters Section (RUS Army) 1-633

1.5.60. Infantry Headquarters Team (USA Army) 1-633
1.5.61. Infantry Platoon (USA Army) 1-634
1.5.62. Insurgent 1-635
1.5.63. Iranian Soldier 1-636
1.5.64. Iraqi Police Officer 1-637
1.5.65. Iraqi Soldier 1-638
1.5.66. Israeli Soldier IMI Galil 1-639
1.5.67. Kurdish Fighter 1-640
1.5.68. Libyan Police Officer 1-641
1.5.69. Libyan Soldier Dragunov 1-642
1.5.70. Machinegun Team (USA Army) M240 1-643
1.5.71. Male On Bike 1-643
1.5.72. Man in Wheelchair 1-644
1.5.73. Mechanized Fire Team (USA Army) Javelin 1-644
1.5.74. Mechanized Fire Team (USA Army) 1-645
1.5.75. Mechanized Squad (USA Army) 1-645
1.5.76. Mideast Combatant with RPG 1-646
1.5.77. Mideast Combatant 1-647
1.5.78. Mideast Female 1-648
1.5.79. Mideast Male 1-649
1.5.80. Motorized Squad (Irregular Technical) 1-650
1.5.81. Motorized Squad (Irregular) 1-651
1.5.82. North Korean Soldier AK47 1-652
1.5.83. North Korean Soldier AK74M 1-653
1.5.84. Pakistani Police Officer 1-654
1.5.85. Pakistani Soldier 1-655
1.5.86. Paratrooper Fire Team (USA) 1-656
1.5.87. Paratrooper 1-657
1.5.88. Pilot 1-658
1.5.89. Police Officer 1-659
1.5.90. Polish Soldier FB Beryl 1-660
1.5.91. Qatari Soldier 1-661
1.5.92. Rifle Fire Team (Insurgent) AR 1-662
1.5.93. Rifle Fire Team (Insurgent) RPG 1-662
1.5.94. Rifle Fire Team (USA Army) 1-663
1.5.95. Rifle Squad (Insurgent) 1-663
1.5.96. Rifle Squad (USA Army) 1-664
1.5.97. Rifle Squad (USA Marines) 1-664
1.5.98. Russian Rebel 1-665
1.5.99. Russian Soldier AK47 1-666
1.5.100. Russian Soldier PK74 1-667
1.5.101. Russian Soldier RPO 1-668
1.5.102. Russian Soldier SA7 1-669
1.5.103. Russian Soldier Sniper-127 1-670
1.5.104. Saudi Arabian Soldier AK103 1-671
1.5.105. Sergeant M16 1-672
1.5.106. Singaporean Soldier Armbrust 1-673
1.5.107. Singaporean Soldier SAR21 1-674
1.5.108. Somali Police Officer 1-675
1.5.109. Somali Soldier AK47 1-676

1.5.110. Somali Soldier AKS74 1-677
1.5.111. South Korean Soldier M60 1-678
1.5.112. Strkyer Rifle Squad (USA Army) 1-679
1.5.113. Stryker Rifle Headquarters Section (USA Army) 1-680
1.5.114. Stryker Rifle Platoon (USA Army) 1-681
1.5.115. Stryker Weapons Squad (USA Army) 1-682
1.5.116. Sudanese Police Officer 1-683
1.5.117. Sudanese Soldier 1-684
1.5.118. Suicide Bomber 1-685
1.5.119. Suspect 1-686
1.5.120. Syrian Police Officer 1-687
1.5.121. Syrian Soldier AK47 1-688
1.5.122. Syrian Soldier AKS74U 1-689
1.5.123. Taliban 1-690
1.5.124. Turkish Soldier MPT-76 1-691
1.5.125. Turkish Soldier RPG 1-692
1.5.126. Turkish Soldier 1-693
1.5.127. UK Soldier L110A1 1-694
1.5.128. UK Soldier L129A1 1-695
1.5.129. UK Soldier L7A2 1-696
1.5.130. UK Soldier L85A2 NLAW 1-697
1.5.131. UK Soldier L85A2 UGL 1-698
1.5.132. UK Soldier L85A2 1-699
1.5.133. US Air Force 1-700
1.5.134. US Army AT4 1-701
1.5.135. US Army Javelin 1-702
1.5.136. US Army M16-M203 1-703
1.5.137. US Army M16 1-704
1.5.138. US Army M240 1-705
1.5.139. US Army M249 1-706
1.5.140. US Army M2 1-707
1.5.141. US Army M4-M203 1-708
1.5.142. US Army M4 1-709
1.5.143. US Army M60 1-710
1.5.144. US Army M84 Stun Grenade 1-711
1.5.145. US Army M9 1-712
1.5.146. US Army Medic 1-713
1.5.147. US Army XM107 1-714
1.5.148. US EOD 1-715
1.5.149. US Navy With Binoculars 1-716
1.5.150. US Navy 1-717
1.5.151. US Sergeant M4 1-718
1.5.152. USMC M16-M203 1-719
1.5.153. USMC M16 1-720
1.5.154. USMC M240 1-721
1.5.155. USMC M249 1-722
1.5.156. USMC M27 1-723
1.5.157. USMC M32A1 1-724
1.5.158. USMC M4 1-725
1.5.159. USMC M9 1-726

1.5.160. Ugandan Police Officer 1-727
1.5.161. Ugandan Soldier 1-728
1.5.162. Vehicle Crew (Notional) 1-729
1.5.163. Vehicle Crew (USA) Notional 1-730
1.5.164. Vehicle Team (Insurgent) 1-731
1.5.165. Vehicle Team (USA Army) 1-732
1.5.166. Weapons Squad (USA Army) 1-733
1.6. Munition 1-734
1.6.1. AGM-84 Harpoon Missile 1-734
1.6.2. Hydra-70 1-735
1.6.3. M1064 IR Illumination Round 1-735
1.6.4. M1066 IR Illumination Round 1-736
1.6.5. M1123 IR Illumination Round 1-737
1.6.6. M67 hand grenade 1-737
1.6.7. M792HEI25mm 1-738
1.6.8. M825 155mm WP 1-738
1.6.9. M992 IR Illumination Round 1-739
1.6.10. MK-65 Naval Mine 1-739
1.6.11. MV-65 Quickstrike 1-740
1.6.12. Mistral SAM Missile 1-740
1.6.13. SA-23B Giant (9M82M) 1-741
1.6.14. SM-3 1-741
1.6.15. THAAD Missile 1-742
1.6.16. UGM-133 Trident II 1-742
1.7. Rotary Wing 1-743
1.7.1. AH-1W SuperCobra 1-743
1.7.2. AH-6 Little Bird 1-744
1.7.3. AH-64A Apache 1-745
1.7.4. AH-64E Apache Guardian with FCR 1-746
1.7.5. AH-64E Apache Guardian with UR 1-747
1.7.6. AH-64E Apache Guardian 1-748
1.7.7. AH-7 Westland Lynx 1-749
1.7.8. AS 332 Super Puma 1-750
1.7.9. AS 532 Cougar 1-751
1.7.10. AS 550 Fennec 1-752
1.7.11. AS-355 Ecureuil 2 1-753
1.7.12. AS-365 Dauphin 1-754
1.7.13. AS-565 Panther 1-755
1.7.14. Agusta Westland AW-139 1-756
1.7.15. Agusta Westland AW-159 Wildcat 1-757
1.7.16. AgustaWestland AW101 1-758
1.7.17. AgustaWestland AW109 1-759
1.7.18. AirMule 1-760
1.7.19. Airbus H145 1-761
1.7.20. Bell 206 JetRanger 1-762
1.7.21. Bell 212 1-763
1.7.22. Bell 406 1-764
1.7.23. Bell 407 1-765
1.7.24. Bell 412 1-766
1.7.25. Bell 429 Global Ranger 1-767

1.7.26. CH-146 Griffon 1-768
1.7.27. CH-148 Cyclone 1-769
1.7.28. CH-149 Cormorant 1-770
1.7.29. CH-46E Sea Knight 1-771
1.7.30. CH-47 Chinook 1-772
1.7.31. CH-47F Chinook 1-773
1.7.32. CH-53E Super Stallion 1-774
1.7.33. DJI Phantom 4 1-775
1.7.34. DJI S1000 1-776
1.7.35. DJI Spark Quadcopter 1-777
1.7.36. EC 635 1-778
1.7.37. EC-120 Eurocopter Colibri 1-779
1.7.38. EC-135 Eurocopter 1-780
1.7.39. EC145 1-781
1.7.40. EC665 Eurocopter Tiger 1-782
1.7.41. EC665 Eurocopter UH Tiger 1-783
1.7.42. EC725 Caracal 1-784
1.7.43. EH101 Merlin 1-785
1.7.44. Harbin Z-9 1-786
1.7.45. KA-50 Hokum 1-787
1.7.46. Ka-27 Helix 1-788
1.7.47. MD-500 1-789
1.7.48. MH-47 Chinook 1-790
1.7.49. MH-6 Little Bird 1-791
1.7.50. MH-60 Black Hawk 1-792
1.7.51. MH-60L Black Hawk DAP 1-792
1.7.52. MH-65 Dolphin 1-793
1.7.53. MQ-8B Fire Scout 1-794
1.7.54. Mi-17 Hip 1-795
1.7.55. Mi-2 Hoplite 1-796
1.7.56. Mi-24 Hind 1-797
1.7.57. Mi-28 Havoc 1-798
1.7.58. NH90-N1 1-799
1.7.59. OH-58 Kiowa 1-800
1.7.60. Quadcopter 1-801
1.7.61. RAH-66 Comanche 1-802
1.7.62. S-100 Schiebel Camcopter Black 1-803
1.7.63. S-100 Schiebel Camcopter White 1-804
1.7.64. S-70A Black Hawk 1-805
1.7.65. SA 330 Puma 1-806
1.7.66. SA 342 Gazelle 1-807
1.7.67. SH-3 Sea King 1-808
1.7.68. SH-60 Seahawk 1-809
1.7.69. UH-1N Twin Huey 1-810
1.7.70. UH-3H Sea King 1-811
1.7.71. UH-60 Black Hawk 1-812
1.7.72. UH-60M Black Hawk 1-813
1.7.73. UH-72 Lakota 1-814
1.7.74. WS-61 Sea King 1-815

1.8. Space 1-817
1.8.1. Communications Satellite 1-817
1.8.2. Defense Satellite 1-818
1.8.3. Imaging Satellite 1-819
1.8.4. International Space Station 1-820
1.8.5. Space Debris 1-820
1.8.6. Space Shuttle 1-821
1.9. Subsurface 1-822
1.9.1. AN/BLQ-11 UUV 1-822
1.9.2. Agosta 90B-class Submarine 1-823
1.9.3. Akula-class Submarine 1-824
1.9.4. Astute-class Submarine 1-825
1.9.5. Challenger-class Submarine 1-826
1.9.6. Delta III-class Submarine 1-827
1.9.7. Delta IV-class Submarine 1-828
1.9.8. Dolphin-class Submarine 1-829
1.9.9. Gotland-class Submarine 1-830
1.9.10. Kilo-class Submarine 1-831
1.9.11. Los Angeles-Class Submarine 1-832
1.9.12. Ohio-class Submarine 1-833
1.9.13. Oscar-class Submarine 1-834
1.9.14. REMUS UUV 1-835
1.9.15. Romeo-class Submarine 1-836
1.9.16. Rubis-Class Submarine 1-837
1.9.17. Scorpene-class Submarine 1-838
1.9.18. Siera II-class Submarine 1-839
1.9.19. Sodermanland-class Submarine 1-840
1.9.20. Song-class Submarine 1-841
1.9.21. Trafalgar-class Submarine 1-842
1.9.22. Triomphant-Class Submarine 1-843
1.9.23. Type 039A (Yuan Class) Submarine 1-844
1.9.24. Type 093 (Shang-class) Submarine 1-845
1.9.25. Type 094 (Jin-class) Submarine 1-846
1.9.26. Type 209 Submarine 1-847
1.9.27. Type 212 Submarine 1-848
1.9.28. Ula-class Submarine 1-849
1.9.29. Vanguard-class Submarine 1-850
1.9.30. Victor II-class Submarine 1-851
1.9.31. Victoria-class Submarine 1-852
1.9.32. Virginia Class Submarine 1-853
1.9.33. Walrus-class submarine 1-854
1.10. Surface 1-855
1.10.1. Admiral Grigorovich-class Frigate 1-855
1.10.2. Ahmad Yani-class Frigate 1-856
1.10.3. Albatros-class Fast Attack 1-857
1.10.4. Albion-class LPD 1-858
1.10.5. Alta-class Minehunter 1-859
1.10.6. America Class Amphibious Assault Ship 1-860
1.10.7. Antonov-class 1-860
1.10.8. Aquitaine-class Frigate 1-861

1.10.9. Archer Class Patrol Boat 1-862
1.10.10. Arleigh Burke-class Destroyer 1-863
1.10.11. Asagiri-class Destroyer 1-864
1.10.12. Auto Ferry 1-865
1.10.13. BM-28 Sea Lady Trawler 1-866
1.10.14. Bay-class DLS 1-867
1.10.15. Bay-class Patrol Boat 1-868
1.10.16. Brandenburg-class Frigate 1-869
1.10.17. Braunschweig-class Corvette 1-870
1.10.18. Bremen-class Frigate 1-871
1.10.19. Buyan M Class Corvette 1-872
1.10.20. Cape-class Patrol Boat 1-873
1.10.21. Charles de Gaulle Class Carrier 1-874
1.10.22. Container Ship Loaded 1-875
1.10.23. Container Ship 1-876
1.10.24. Cruise Ship 1-877
1.10.25. DDG-Aegis 1-878
1.10.26. Dabur-class Patrol Boat 1-879
1.10.27. De Zeven Provincien Class Frigate 1-880
1.10.28. Defender Class B Patrol Boat 1-881
1.10.29. Delhi-class Destroyer 1-882
1.10.30. Durand de la Penne-class Destroyer 1-883
1.10.31. Echo-class Survey Ship 1-884
1.10.32. Elizabeth Coastal Freighter 1-885
1.10.33. Eridan-class Minehunter 1-886
1.10.34. F-22P Zulfiquar-class Frigate 1-887
1.10.35. Fajr Houdong (Tondar) Class 1-888
1.10.36. Fatahillah-class Frigate 1-889
1.10.37. Fishing Boat 1-890
1.10.38. Fleet-class USV 1-891
1.10.39. Floreal-class Frigate 1-892
1.10.40. Flyvefisken-class Patrol Boat 1-893
1.10.41. Frankenthal-class Minehunter 1-894
1.10.42. Fridtjof Nansen-class 1-895
1.10.43. Gaeta-class Minehunter 1-896
1.10.44. Gepard-class Frigate 1-897
1.10.45. Grisha-class Corvette 1-898
1.10.46. Guided Missile Destroyer 1-899
1.10.47. Halifax-class Frigate 1-900
1.10.48. Hamilton Class Cutter WHEC 1-901
1.10.49. Hamina Class Fast Attack 1-902
1.10.50. Harpers Ferry-class 1-903
1.10.51. Hauk-class Fast Attack 1-904
1.10.52. Henry J Kaiser-class Oiler 1-905
1.10.53. Holland Class OPV 1-906
1.10.54. Horizon-class Destroyer 1-907
1.10.55. Hunt-class Minehunter 1-908
1.10.56. Invincible-class Carrier 1-909
1.10.57. Iroquois-class Destroyer 1-910
1.10.58. Island-class Patrol Vessel 1-911

1.10.59. Jacinto-class Corvette 1-912
1.10.60. Jet Ski 1-913
1.10.61. Jiangkai II Type 054A Frigate 1-914
1.10.62. KAAN 19 Class Fast Patrol Craft 1-915
1.10.63. KCR-40 Clurit Class Fast Attack 1-916
1.10.64. KD-III-class Destroyer 1-917
1.10.65. Karel Doorman Class Frigate 1-918
1.10.66. Karel Doorman Class Support Ship (A833) 1-919
1.10.67. Keeper Class (WLM) 1-920
1.10.68. Khareff-class Corvette 1-921
1.10.69. Kingston Class Patrol 1-922
1.10.70. Kirov-class Guided Missile Cruiser 1-923
1.10.71. Kolkata-class Destroyer 1-924
1.10.72. Krivak-class Guided Missile Frigate 1-925
1.10.73. Kuznetsov Class Carrier 1-926
1.10.74. L-class Frigate 1-927
1.10.75. LCAC 1-928
1.10.76. LCS Freedom Class 1-929
1.10.77. LCS Independence Class 1-930
1.10.78. LPH01 Ocean 1-931
1.10.79. Lafayette-class Frigate 1-932
1.10.80. Legend Class (WMSL) 1-933
1.10.81. Lifeboat Enclosed Freefall 1-934
1.10.82. Liferaft Enclosed 1-935
1.10.83. Lupo-class Frigate 1-936
1.10.84. M-class Frigate 1-937
1.10.85. Maestrale-class Frigate 1-938
1.10.86. Marine Protector Class Patrol Boat 1-939
1.10.87. Milgem Class Corvette 1-940
1.10.88. Mistral Class AAS 1-941
1.10.89. Moudge-class Frigate 1-942
1.10.90. Murasame-class Destroyer 1-943
1.10.91. Nanuchka III-class 1-944
1.10.92. National Security Cutter 1-945
1.10.93. Neustrashimyy-class Frigate 1-946
1.10.94. Nimitz-class Carrier 1-947
1.10.95. Niteroi-class Frigate 1-948
1.10.96. Oksoy-class Minehunter 1-949
1.10.97. Osprey-class Mine CMS 1-950
1.10.98. Passenger Ferry 1-951
1.10.99. Pauk-class Corvette 1-952
1.10.100. Pomornik (Zubr)-class LCAC 1-953
1.10.101. Queen Elizabeth-class Carrier 1-954
1.10.102. Rigid-Hulled Inflatable Boat - Civilian 1-955
1.10.103. Rigid-Hulled Inflatable Boat 1-956
1.10.104. River-class Patrol Vessel 1-957
1.10.105. Ropucha Class Landing Ship 1-958
1.10.106. Runnymede-class Landing Craft Utility 2000 1-959
1.10.107. Saar 4-class Missile Boat 1-960
1.10.108. Saar 4.5-class Missile Boat 1-961

1.10.109. Saar 5-class Corvette 1-962
1.10.110. Sachsen-class Frigate 1-963
1.10.111. Sailboat 1-964
1.10.112. Sandown-class Minehunter 1-965
1.10.113. Sentinel Class (WPC) 1-966
1.10.114. Sigma 9113-class Frigate 1-967
1.10.115. Skiff (Green) 1-968
1.10.116. Skiff 1-969
1.10.117. Skjold Class Corvette 1-970
1.10.118. Skjold-class Patrol 1-971
1.10.119. Slava-class Guided Missile Cruiser 1-972
1.10.120. Sonobuoy (Active) 1-973
1.10.121. Sonobuoy (Passive) 1-974
1.10.122. Sovremennyy-class Destroyer 1-975
1.10.123. Speedboat 1-976
1.10.124. Steregushchiy-class Frigate 1-977
1.10.125. Super Dvora Mark II 1-978
1.10.126. Super Tanker 1-979
1.10.127. Tarantul-class Corvette 1-980
1.10.128. Tiara 3900 Yacht 1-981
1.10.129. Ticonderoga Class Cruiser 1-982
1.10.130. Tiger-class Fast Attack Craft 1-984
1.10.131. Tugboat 1-985
1.10.132. Type 001 Liaoning Class Carrier 1-986
1.10.133. Type 056 Jiangdao Corvette 1-987
1.10.134. Type 22 Frigate 1-988
1.10.135. Type 23 Duke Class Frigate 1-989
1.10.136. Type 26 City Class Frigate 1-990
1.10.137. Type 42 Sheffield Class Destroyer 1-991
1.10.138. Type 45 Daring Class Destroyer 1-992
1.10.139. Type-80 Class Large Patrol Boat 1-993
1.10.140. Udaloy-class Destroyer 1-994
1.10.141. Victory-class Corvette 1-995
1.10.142. Wasp Class Amphibious Assault Ship 1-996
1.10.143. Zumwalt Class Destroyer 1-997
1.11. Materially Classified Objects 1-999

Chapter 2. AggregateLevel SMS Models

2.1. Aggregate Aircraft 2-2
2.1.1. A-10 2-Ship 2-2
2.1.2. A-10 4-Ship 2-4
2.1.3. A-10 2-6
2.1.4. AIR ATK SQDN US solo 2-7
2.1.5. AIR LIFT BN US solo 2-8
2.1.6. AVN SPT TROOP 2-9
2.1.7. Air Assault BN US solo 2-10
2.1.8. Air Assault CO US 2-11
2.1.9. Air Attack CO US 2-12
2.1.10. Air Base 2-13
2.1.11. Air Cav TRP US 2-14

2.1.12. Civilian Aircraft 2-15
2.1.13. E-3 2-16
2.1.14. EA-18G 2-17
2.1.15. F-16C 2-Ship 2-18
2.1.16. F-16C 4-Ship 2-20
2.1.17. F-16C 2-22
2.1.18. F/A-18 2-Ship 2-24
2.1.19. F/A-18 4-Ship 2-26
2.1.20. F/A-18 2-28
2.1.21. Flight 2-29
2.1.22. KC-130J 2-29
2.1.23. KC-135A 2-30
2.2. Aggregate 2-31
2.2.1. ADA BN RU solo 2-31
2.2.2. ADA BN US solo 2-32
2.2.3. ADA BTY US 2-33
2.2.4. ADA PLT US 2-34
2.2.5. AR CAV TRP US 2-35
2.2.6. Air Defense Radar 2-36
2.2.7. Artillery BTY RU 2-37
2.2.8. Artillery BTY US 2-38
2.2.9. Artillery SP BTY - NBC 2-39
2.2.10. Artillery SP BTY RU 2-40
2.2.11. Artillery SP BTY US 2-41
2.2.12. CIV BN solo 2-42
2.2.13. CSS BN US solo 2-43
2.2.14. CSS CO 2-44
2.2.15. CSS PLT 2-45
2.2.16. Civilian CO 2-46
2.2.17. ENG BN US solo 2-47
2.2.18. ENG PLT US 2-48
2.2.19. Eng Clearance CO 2-49
2.2.20. Eng Mob Aug CO 2-50
2.2.21. FA BN RU solo 2-51
2.2.22. FA BN US solo 2-52
2.2.23. IFV SEC US 2-53
2.2.24. INF BN RU solo 2-54
2.2.25. INF BN US solo 2-55
2.2.26. MECH BN RU solo 2-56
2.2.27. MECH BN US solo 2-57
2.2.28. MECH PLT US 2-58
2.2.29. MEDICAL BN US solo 2-59
2.2.30. MI BN US solo 2-60
2.2.31. MI CO US 2-61
2.2.32. MI PLT US 2-62
2.2.33. MLRS BTY US 2-63
2.2.34. MRL BTY RU 2-64
2.2.35. Mech Inf CO RU 2-65
2.2.36. Mech Inf CO US 2-66
2.2.37. Medical CO US 2-67

2.2.38. Mortar PLT US 2-68
2.2.39. Mortar SP PLT US 2-69
2.2.40. Patriot BTY 2-70
2.2.41. Rifle CO RU 2-71
2.2.42. Rifle CO US 2-72
2.2.43. SAM BTY RU 2-73
2.2.44. Scout Hvy CO US 2-74
2.2.45. Scout Hvy PLT US 2-75
2.2.46. Scout Motorized CO US 2-76
2.2.47. Scout Motorized PLT US 2-77
2.2.48. Scout Motorized SQD US 50BMG 2-78
2.2.49. Scout Motorized SQD US MK19 2-79
2.2.50. Secondary Radar 2-80
2.2.51. TANK BN RU solo 2-81
2.2.52. TANK BN US solo 2-82
2.2.53. TANK PLT US 2-83
2.2.54. TANK SEC US 2-84
2.2.55. Tank CO RU 2-85
2.2.56. Tank CO US 2-86
2.2.57. Weapons CO US 2-87
2.3. Aggregate Echelon 2-88
2.3.1. BN, MLRS US 2-88
2.3.2. BN, Mech Infantry 2-88
2.3.3. CSS BN PA 2-88
2.3.4. CSS CO PA 2-88
2.3.5. Civilian BDE 2-88
2.3.6. Civilian BN 2-88
2.3.7. ENG MA CO US PA 2-88
2.3.8. MECH CO US PA 2-89
2.3.9. MI BN US 2-89
2.3.10. Medical BN US 2-89
2.3.11. TANK CO US PA 2-89
2.4. Aggregate Naval 2-90
2.4.1. Destroyer 2-90
2.4.2. Frigate 2-91
2.4.3. Submarine 2-92

Chapter 3. Base SMS Tactical Graphics Models

3.1. Base SMS Control Objects 3-2
3.1.1. Area 3-2
3.1.2. Engineering Point 3-2
3.1.3. Joint Engagement Zone 3-2
3.1.4. Missile Engagement Zone 3-2
3.1.5. Phase Line 3-2
3.1.6. Riot Point 3-3
3.1.7. Route 3-3
3.1.8. Waypoint 3-3
3.2. Base SMS Overlay Objects 3-3
3.2.1. Air Axis 3-3
3.2.2. Air Corridor 3-3

3.2.3. Air Turbulence Area 3-4
3.2.4. Alert Area 3-4
3.2.5. Arc 3-4
3.2.6. Area (Extruded) 3-4
3.2.7. Axis 3-4
3.2.8. Box (Extruded) 3-5
3.2.9. Box 3-5
3.2.10. Circle (Extruded) 3-5
3.2.11. Circle 3-5
3.2.12. Class I 3-5
3.2.13. Class II 3-6
3.2.14. Class III 3-6
3.2.15. Class IV 3-6
3.2.16. Class IX 3-6
3.2.17. Class V 3-6
3.2.18. Class VI 3-7
3.2.19. Class VII 3-7
3.2.20. Class VIII 3-7
3.2.21. Coordination Point 3-7
3.2.22. Corridor 3-7
3.2.23. Decision Point 3-8
3.2.24. Direction (Main) 3-8
3.2.25. Direction 3-8
3.2.26. Ditch 3-8
3.2.27. Ellipse (Extruded) 3-8
3.2.28. Ellipse 3-9
3.2.29. Feint 3-9
3.2.30. Fortified Area (Overlay) 3-9
3.2.31. Fortified Ditch 3-9
3.2.32. Fortified Line (Overlay) 3-9
3.2.33. Freehand Line with Arrow 3-10
3.2.34. Freehand Line 3-10
3.2.35. Intel Collection Area 3-10
3.2.36. Joint Engagement Zone (Altitude Limited) 3-10
3.2.37. Line of Contact (Friendly) 3-10
3.2.38. Line of Contact (Hostile) 3-11
3.2.39. Line 3-11
3.2.40. Linear Target 3-11
3.2.41. Main Axis 3-11
3.2.42. Minefield Graphic 3-11
3.2.43. Missile Engagement Zone (Altitude Limited) 3-12
3.2.44. No-Go Area 3-12
3.2.45. Planned Minefield 3-12
3.2.46. Point of Interest 3-12
3.2.47. Sector 3-12
3.2.48. Supply Point 3-13
3.2.49. Supply Route [1-Way] 3-13
3.2.50. Supply Route [2 Way] 3-13
3.2.51. Supply Route 3-13
3.2.52. Text 3-13

3.2.53. Wind Corridor 3-14
3.3. Base SMS Simulation Objects 3-14
3.3.1. Dynamic Terrain Area 3-14
3.3.2. Linear Obstacle 3-14
3.3.3. Persistent Tracks Area 3-14
3.3.4. Weather (Area) 3-14
3.3.5. Weather (Box) 3-15
3.3.6. Weather (Circle) 3-15
3.3.7. Weather (Ellipse) 3-15

Chapter 4. EntityLevel SMS Tactical Graphics Models

4.1. Entity SMS Overlay Objects 4-2
4.1.1. AAV Symbol 4-2
4.1.2. ACE Symbol 4-2
4.1.3. AVLB Symbol 4-2
4.1.4. Aerodrome 4-2
4.1.5. Avenger Symbol 4-3
4.1.6. BMP Symbol 4-3
4.1.7. CEV Symbol 4-3
4.1.8. Fist-V Symbol 4-3
4.1.9. HMMWV 50CAL Symbol 4-3
4.1.10. HMMWV MK19 Symbol 4-4
4.1.11. IMR Symbol 4-4
4.1.12. LAV Symbol 4-4
4.1.13. M-88 Symbol 4-4
4.1.14. M113 Symbol 4-4
4.1.15. M1A2 Symbol 4-5
4.1.16. M2A2 Symbol 4-5
4.1.17. MTK Symbol 4-5
4.1.18. PALADIN Symbol 4-5
4.1.19. Runway 4-6
4.1.20. S-300 Symbol 4-6
4.1.21. SA-9 Symbol 4-6
4.1.22. T-80 Symbol 4-6
4.1.23. ZSU-23-4 Symbol 4-7
4.2. Entity SMS Simulation Effect Objects 4-7
4.2.1. Air Traffic Area 4-7
4.2.2. Blocking Terrain Page-in Area 4-7
4.2.3. Cover Point 4-7
4.2.4. Cow Area 4-7
4.2.5. Crawl Route (Nav Edge) 4-8
4.2.6. Goat Area 4-8
4.2.7. Intersection Manager 4-8
4.2.8. Minefield Conventional 4-8
4.2.9. Minefield RAAM-ADAM 4-9
4.2.10. Minefield Scatterable 4-9
4.2.11. Nav Edge 4-9
4.2.12. Obstacle 4-10
4.2.13. Pedestrian Area 4-10
4.2.14. Pedestrian Nav Edge 4-10

4.2.15. Pedestrian Path 4-10
4.2.16. Queue 4-10
4.2.17. Sheep Area 4-11
4.2.18. Terrain Page-in Area 4-11

Chapter 5. AggregateLevel SMS Tactical Graphics Models

5.1. Contamination Areas 5-2
5.1.1. Biological Contamination Area 5-2
5.1.2. Chemical Contamination Area 5-2
5.1.3. Nuclear Contamination Area 5-2
5.2. Engineering Objects 5-2
5.2.1. Abatis 5-2
5.2.2. Anti-Tank Ditch 5-2
5.2.3. Barbed Wire 5-2
5.2.4. Barricade 5-3
5.2.5. Beam Post 5-3
5.2.6. Berm 5-3
5.2.7. Breach 5-3
5.2.8. Bridge 5-3
5.2.9. Buildings 5-3
5.2.10. Bunker 5-3
5.2.11. Demolition Area 5-4
5.2.12. Dragons Teeth 5-4
5.2.13. Dry Gap 5-4
5.2.14. Falling Blocks 5-4
5.2.15. Fortified Area 5-4
5.2.16. Fortified Line 5-4
5.2.17. Landslide 5-4
5.2.18. Minefield (ADAM-RAAM) 5-5
5.2.19. Minefield (Volcano) 5-5
5.2.20. Mountains 5-5
5.2.21. Naval Minefield 5-5
5.2.22. Road 5-5
5.2.23. Strong Point 5-5
5.2.24. Unexploded Ordnance 5-5
5.3. Points 5-6
5.3.1. Emergency Point Downed Pilot 5-6
5.3.2. Emergency Point 5-6
5.3.3. Land Point HQ Complex 5-6
5.3.4. Land Point 5-6
5.3.5. Reference Point Data Link 5-6
5.3.6. Reference Point 5-6
5.4. Aggregate Level Simulation Effect Objects 5-7
5.4.1. Road Crater 5-7
5.4.2. Waterway 5-7

1. Entity and Unit Models

This chapter lists the simulation objects configured in the *EntityLevel.sms* by major tags.

Animal 1-2
Cultural Feature 1-11
Fixed Wing 1-65
Ground Vehicle 1-227
Human 1-581
Munition 1-734
Rotary Wing 1-743
Space 1-817
Subsurface 1-822
Surface 1-855
Materially Classified Objects 1-999

1.1. Animal

1.1.1. Bomb Sniffing Dog

- 1:3:1:0:5:1:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.111111 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other: sniff-bombs.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.45
  - visual-signature: 1.5

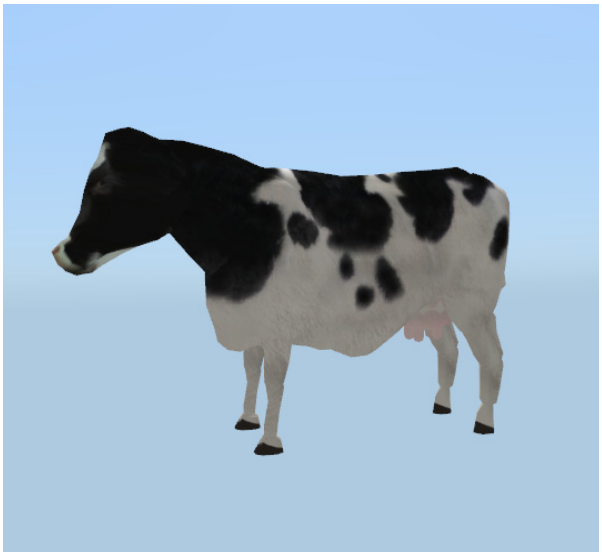
1.1.2. Camel

- 1:3:1:0:5:1:5:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.3. Chicken

- 1:3:1:0:5:1:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.1.4. Cow



- 1:3:1:0:5:1:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage-2: lifeform-large-default.sysdef
  - damage: lifeform-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.5. Dog

- 1:3:1:0:5:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.111111 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.45
  - visual-signature: 1.5

1.1.6. Fish

- 1:3:4:0:2:0:92:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7.305555 m/s
- Ordered speed: 7.222222 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: animal-subsurface-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.05
  - infrared-signature: 0.05
  - mad-signature: 0.05
  - passive-sonar-signature: 0.05
  - radar-signature: 0
  - visual-signature: 0

1.1.7. Goat Herd

- 3:11:1:0:0:34:0:9
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: animal-herd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.1.8. Goat

- 1:3:1:0:5:1:7:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.111111 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.9. Herd Cow

- 3:11:1:0:0:34:0:8
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: animal-herd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.1.10. Horse

- 1:3:1:0:5:1:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.11. Kangaroo

- 1:3:1:0:206:170:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 7 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.12. Mule

- 1:3:1:0:5:1:8:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

1.1.13. Sheep Herd

- 3:11:1:0:0:34:0:10
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: animal-herd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.1.14. Sheep

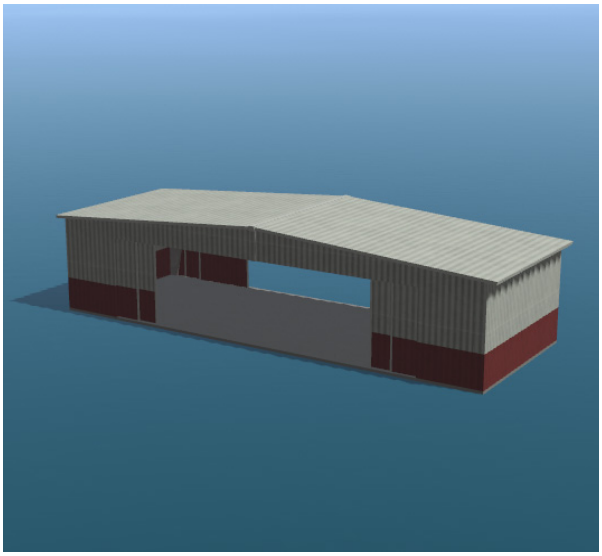
- 1:3:1:0:5:1:7:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.111111 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.45
  - visual-signature: 1.5

1.1.15. Water Buffalo

- 1:3:1:0:5:1:3:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: lifeform-large-default.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 2

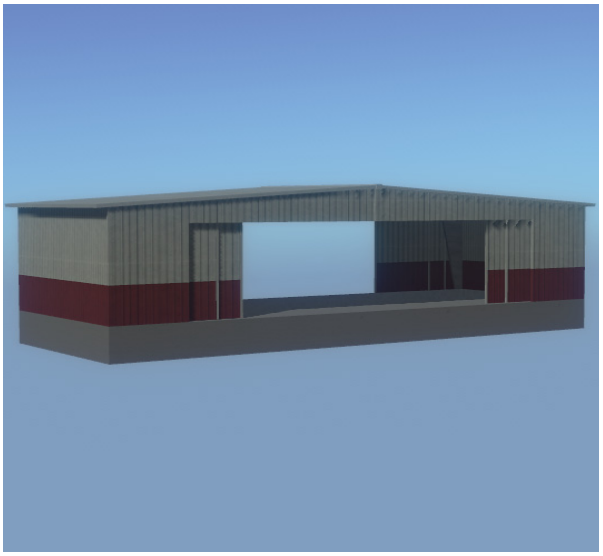
1.2. Cultural Feature

1.2.1. Air Base



- 1:5:1:0:2:1:1:4
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.2. Aircraft Hangar



- 1:5:1:0:2:1:1:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.3. Bag Garbage Green

- 1:5:1:0:21:10:2:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.4. Bag Garbage Silver

- 1:5:1:0:21:10:2:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.5. Barracks

- 1:5:1:0:2:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

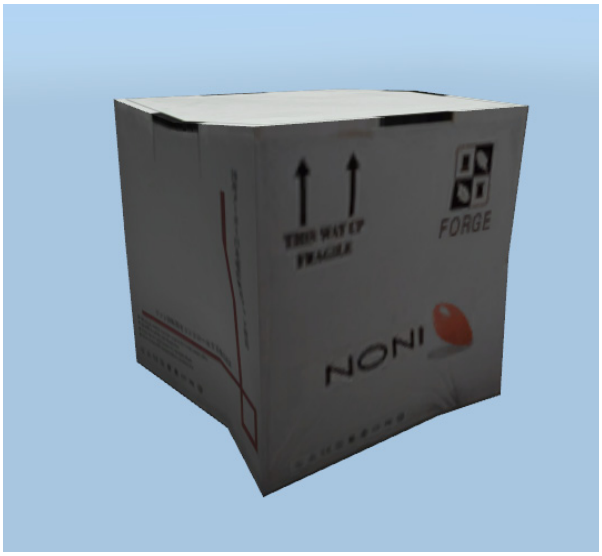
1.2.6. Bottle

- 1:5:1:0:5:21:0:8
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.2.7. Box Cardboard Brown

- 1:5:1:0:5:17:0:1
- Can embark: True
- Can be embarked on: False
- Systems:
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.8. Box Cardboard White

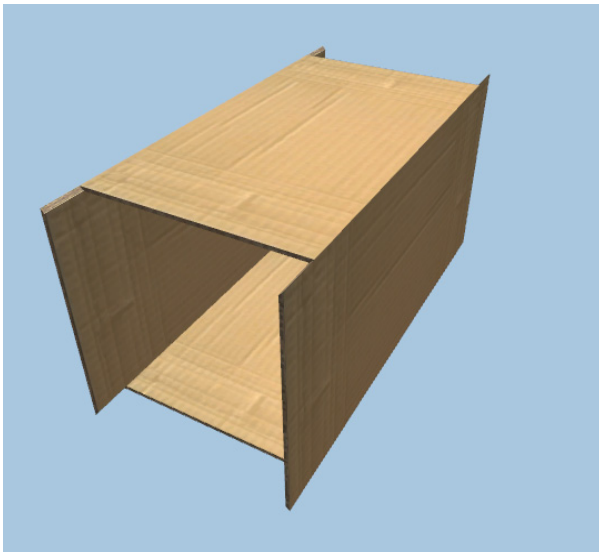


- 1:5:1:0:5:17:0:2
- Can embark: True
- Can be embarked on: False
- Systems:
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.9. Box Fruit Cardboard

- 1:5:1:0:5:17:1:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.10. Box Shipping Cardboard

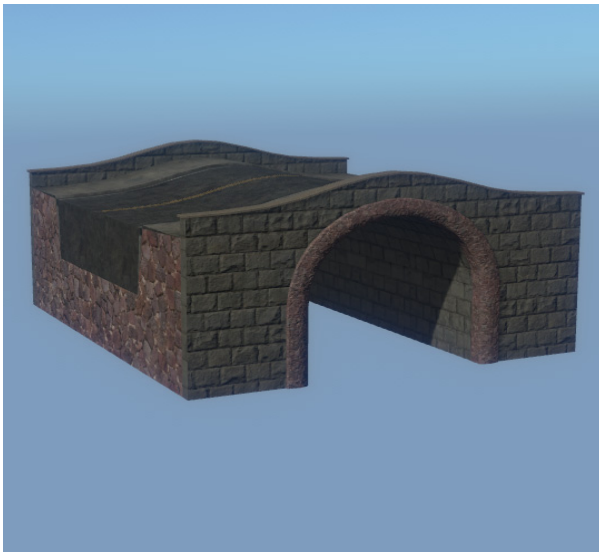


- 1:5:1:0:5:17:2:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.11. Box Wine Cardboard

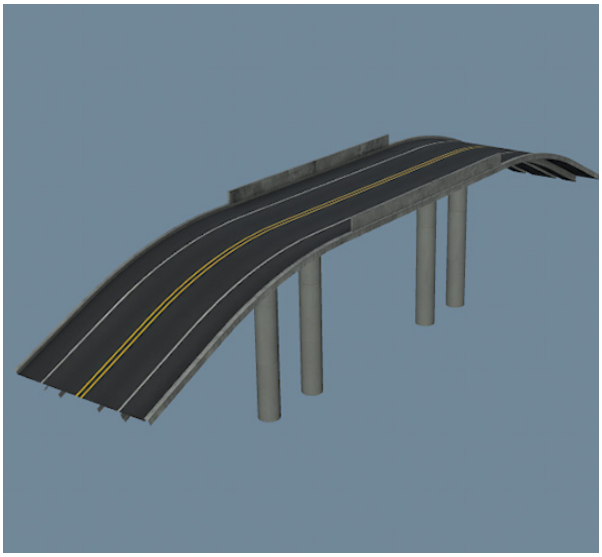
- 1:5:1:0:5:17:3:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.12. Bridge Arch Stone



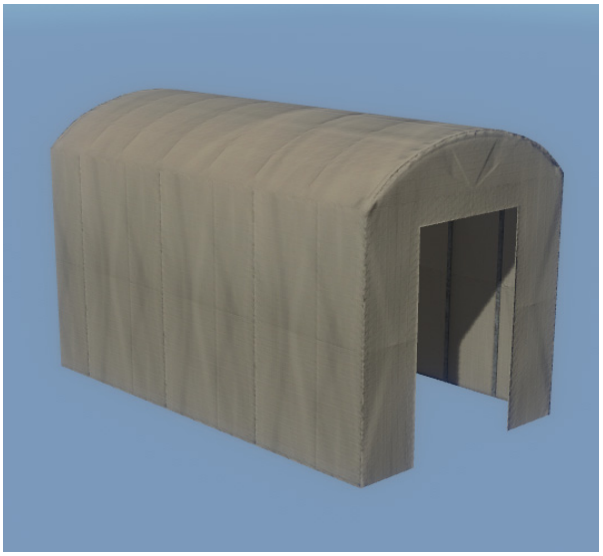
- 1:5:1:0:1:0:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.13. Bridge Concrete Two Lane



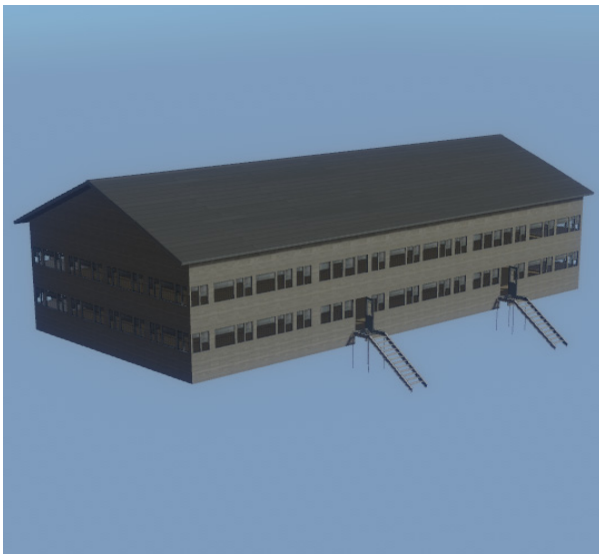
- 1:5:1:0:1:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.14. Building Barracks Canvas



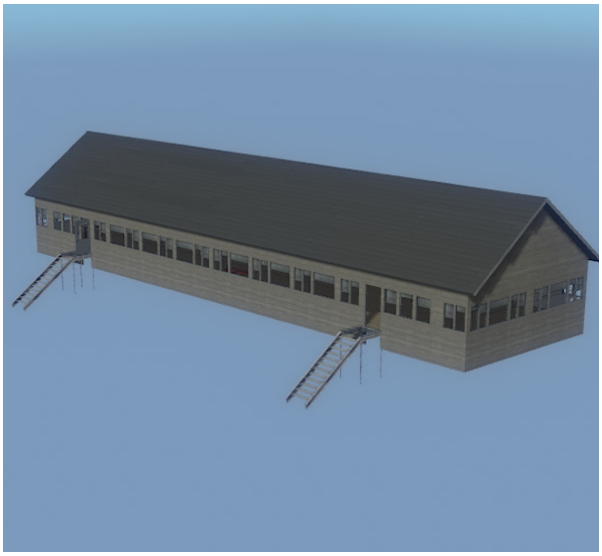
- 1:5:1:0:2:1:5:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.15. Building Barracks Large Wood Two Story



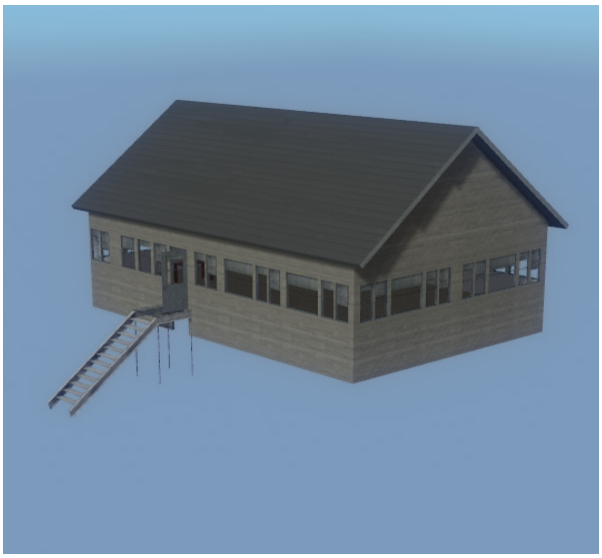
- 1:5:1:0:2:2:7:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.16. Building Barracks Long Wood



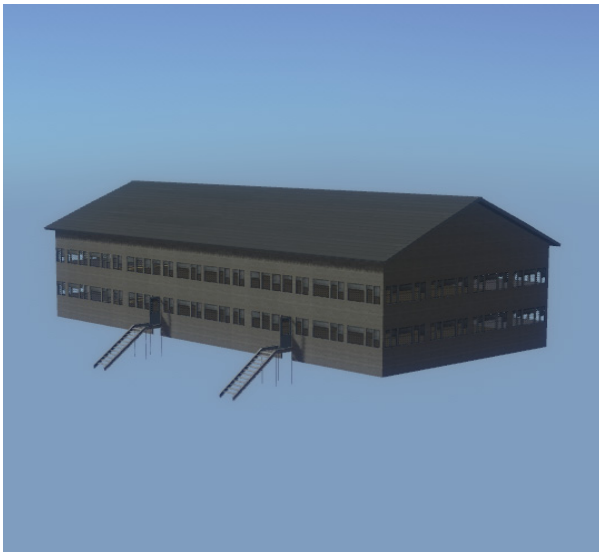
- 1:5:1:0:2:1:7:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.17. Building Barracks Medium Wood



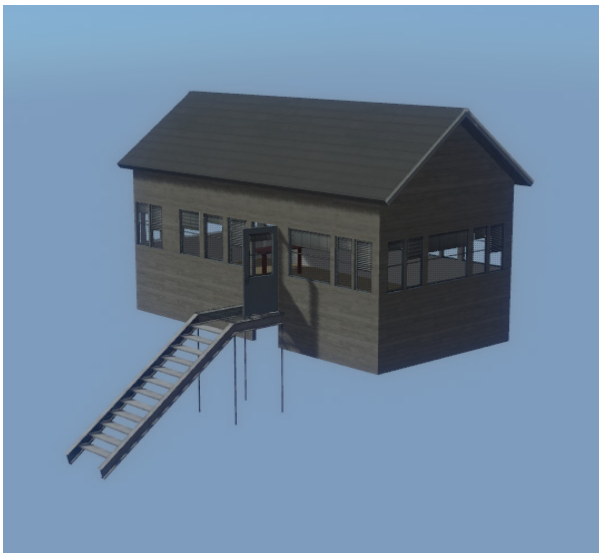
- 1:5:1:0:2:1:6:1
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.18. Building Barracks Wood Two Story



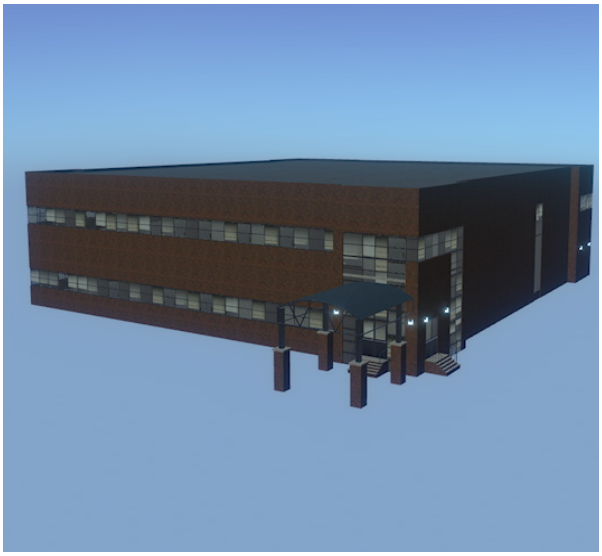
- 1:5:1:0:2:2:6:1
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.19. Building Barracks Wood



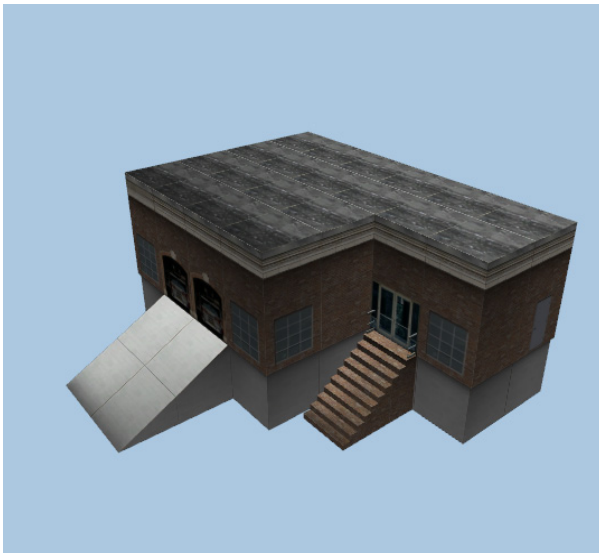
- 1:5:1:0:2:1:2:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.20. Building Commercial Brick Two Story



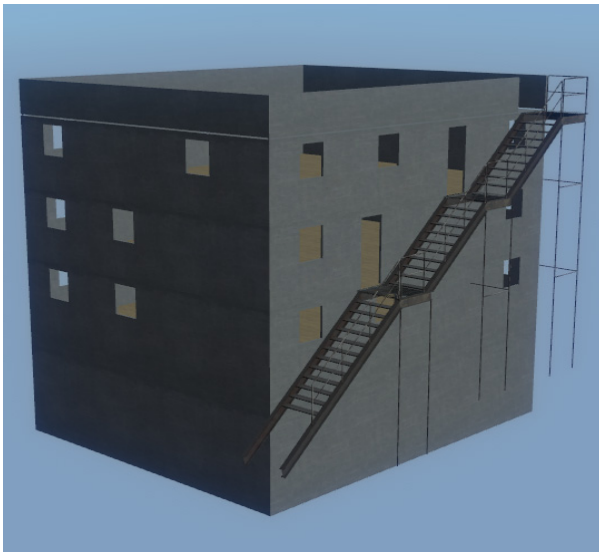
- 1:5:1:0:2:2:1:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.21. Building Fire Station Brick



- 1:5:1:0:2:2:2:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.22. Building MOUT Large Concrete

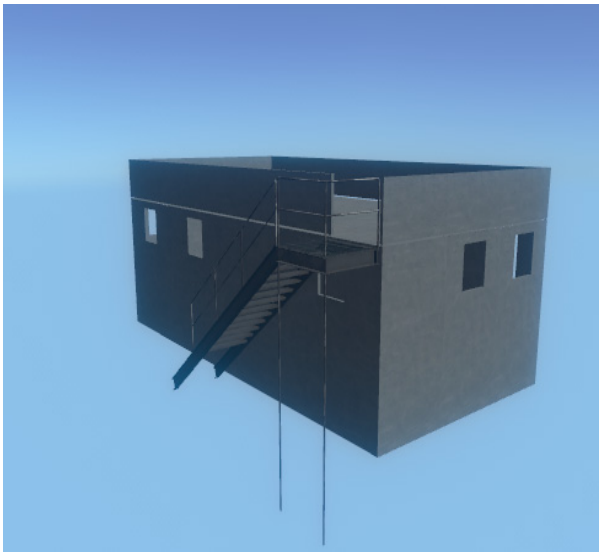


- 1:5:1:0:3:8:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.23. Building MOUT Medium Concrete

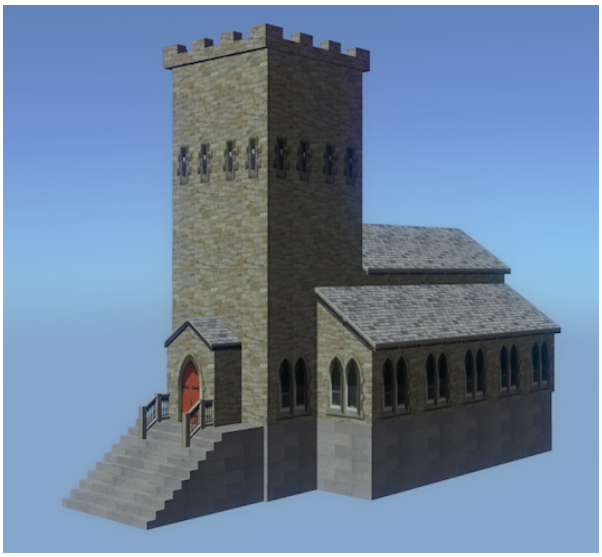
- 1:5:1:0:2:2:8:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.24. Building MOUT Small Concrete



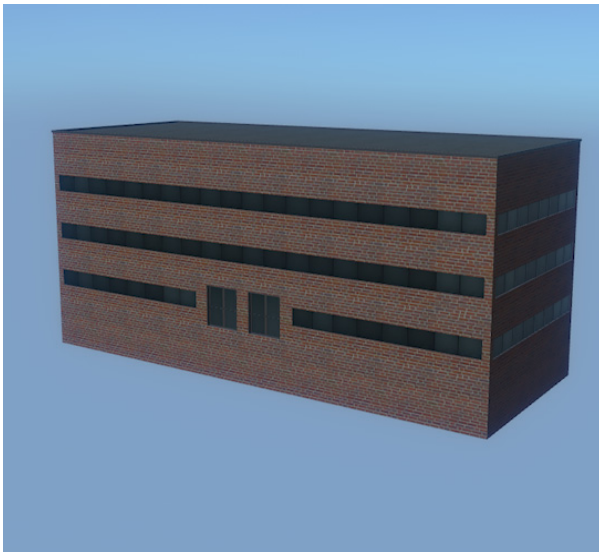
- 1:5:1:0:2:1:6:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.25. Building Medieval Church Brick



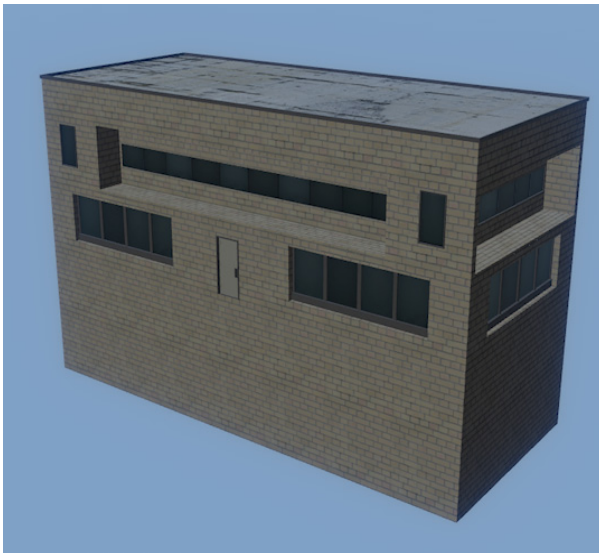
- 1:5:1:0:2:4:1:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.26. Building Office Four Story



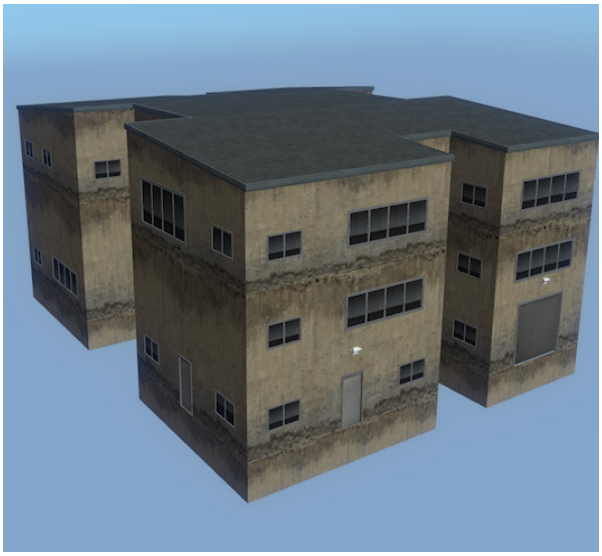
- 1:5:1:0:2:4:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.27. Building Post Office Brick



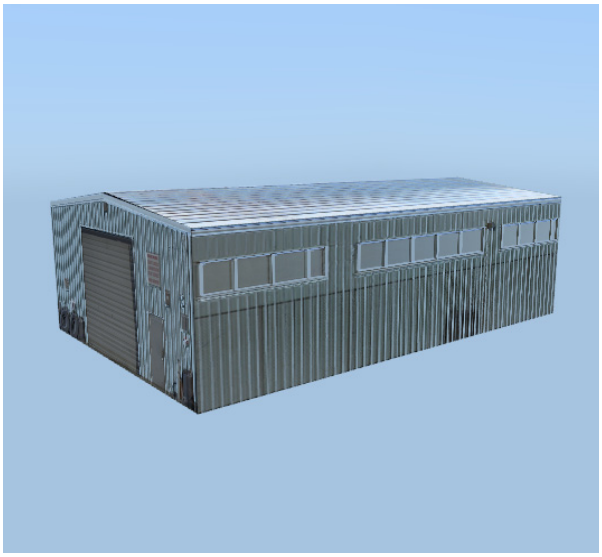
- 1:5:1:0:2:2:1:3
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.28. Building Stucco Three Story Gray



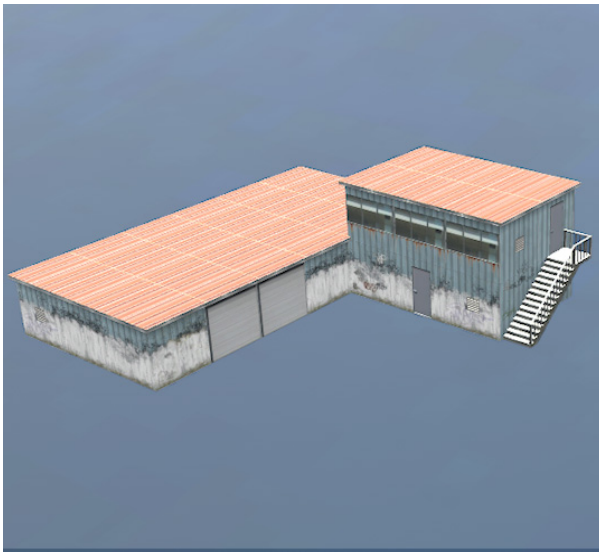
- 1:5:1:0:2:3:1:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.29. Building Warehouse Metal



- 1:5:1:0:2:1:1:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.30. Building Warehouse Steel



- 1:5:1:0:2:1:1:2
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.31. Buoy (Can)

- 1:5:3:0:2:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.32. Buoy (Green Lighted)

- 1:5:3:0:2:1:4:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.33. Buoy (Nun)

- 1:5:3:0:2:4:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.34. Buoy (Red Lighted)

- 1:5:3:0:2:1:3:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.35. Container Cargo

- 1:5:1:0:16:0:0:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.36. Container Trash Bin

- 1:5:1:0:16:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.37. Container Trash Receptacle

- 1:5:1:0:16:1:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.38. Crate Wooden Strapped

- 1:5:1:0:22:4:0:1
- Can embark: True
- Can be embarked on: False
- Systems:
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.39. Crate Wooden

- 1:5:1:0:22:4:0:0
- Can embark: True
- Can be embarked on: False
- Systems:
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.40. Drum Plastic Blue

- 1:5:1:0:5:18:1:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.41. Duffle Bag IED

- 1:2:2:0:3:1:1:1
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.2.42. Dumpster Blue

- 1:5:1:0:5:21:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.43. Dumpster Green

- 1:5:1:0:5:21:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.44. Dumpster Light Blue

- 1:5:1:0:5:21:0:3
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

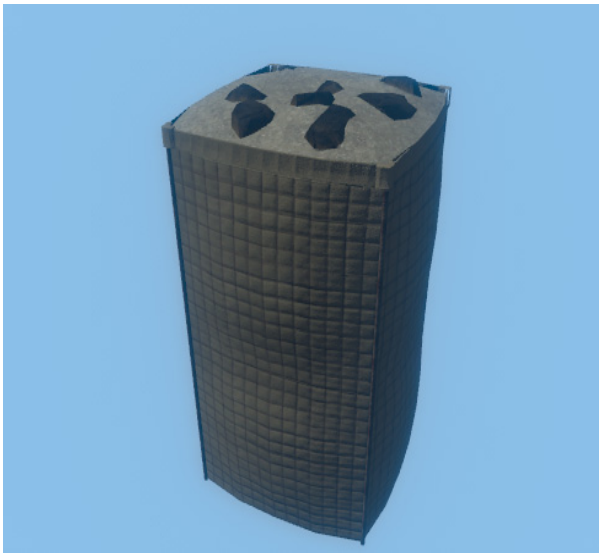
1.2.45. Dumpster Pink

- 1:5:1:0:5:21:0:4
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.46. Furniture Outdoor Bench Park

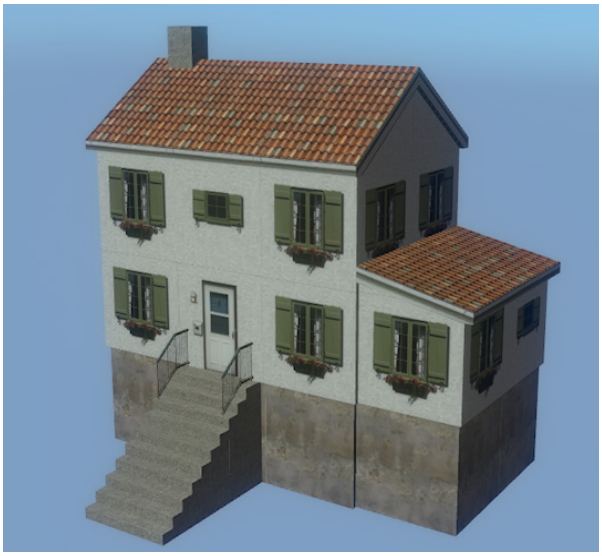
- 1:5:1:0:5:21:0:5
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.47. Hesco Barrier Small



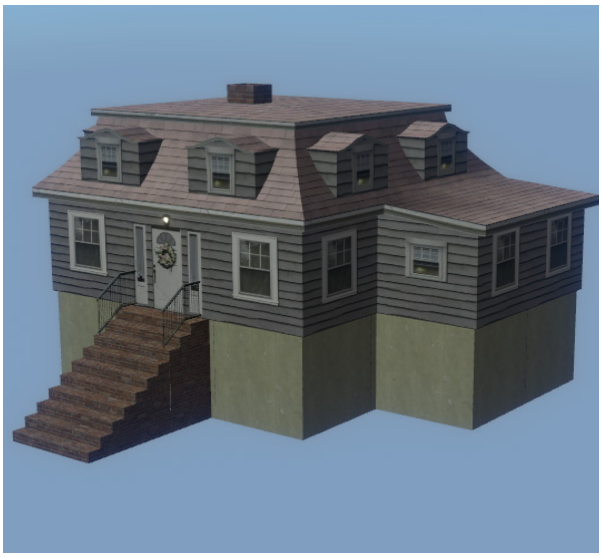
- 1:5:1:0:5:54:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.48. House Farmhouse



- 1:5:1:0:2:3:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.49. House French Colonial Clapboard Gray

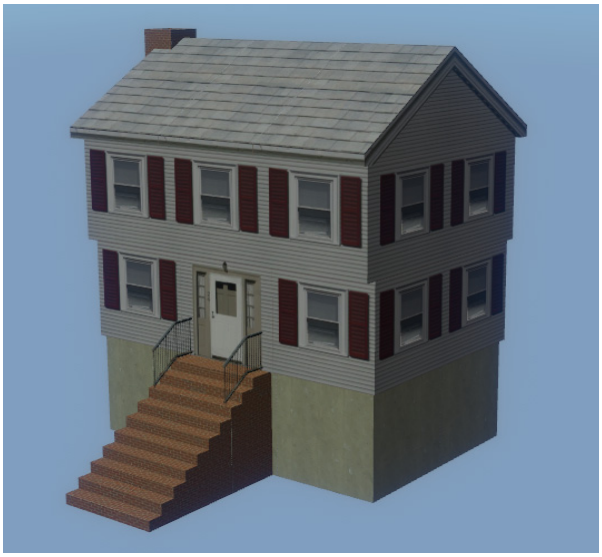


- 1:5:1:0:23:1:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.50. House German Colonial Stucco Tan

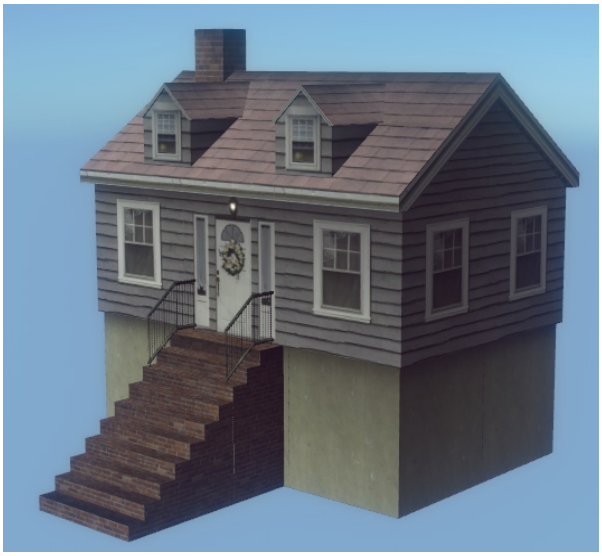
- 1:5:1:0:23:2:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.51. House Raised Ranch Clapboard White



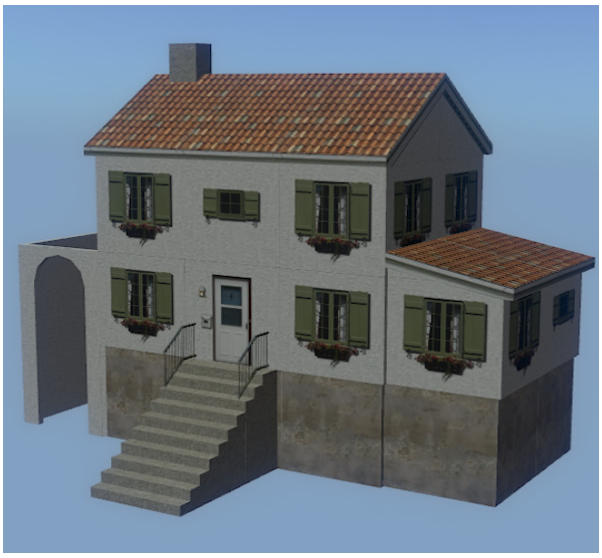
- 1:5:1:0:23:0:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.52. House Single Family



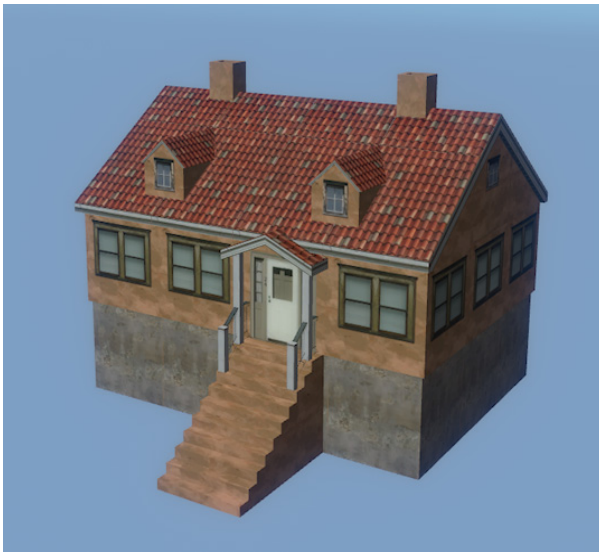
- 1:5:1:0:2:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.53. House Spanish Colonial Stucco Beige



- 1:5:1:0:23:3:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.54. House Spanish Single Story Stucco White



- 1:5:1:0:23:3:0:2
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.55. House Stick Style Brick White

- 1:5:1:0:23:0:0:2
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.56. Light Lamp Post

- 1:5:1:0:28:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.57. Middle Eastern House Hideout

- 1:5:1:0:23:3:0:3
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

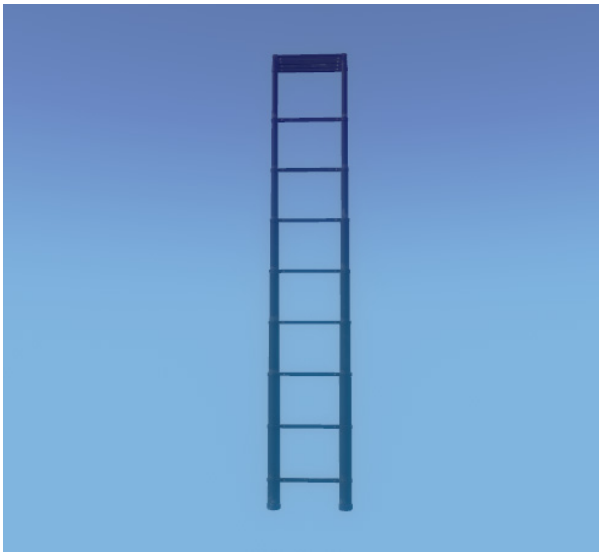
1.2.58. Middle Eastern House

- 1:5:1:0:2:3:1:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.59. MiddleEasternShop

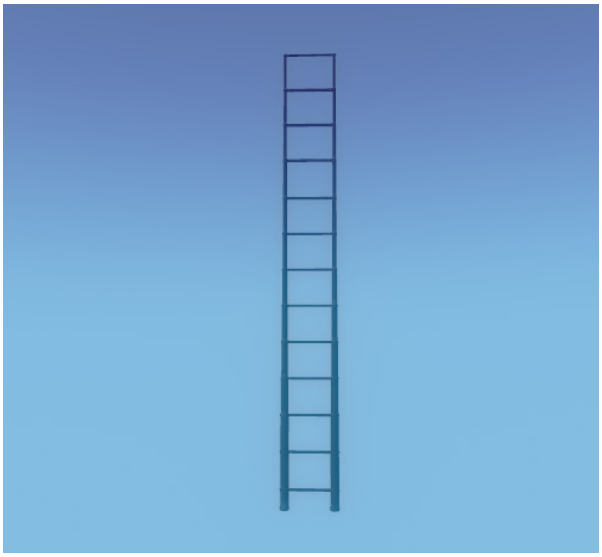
- 1:5:1:0:2:1:1:3
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.60. Military Tactical Ladder 12ft



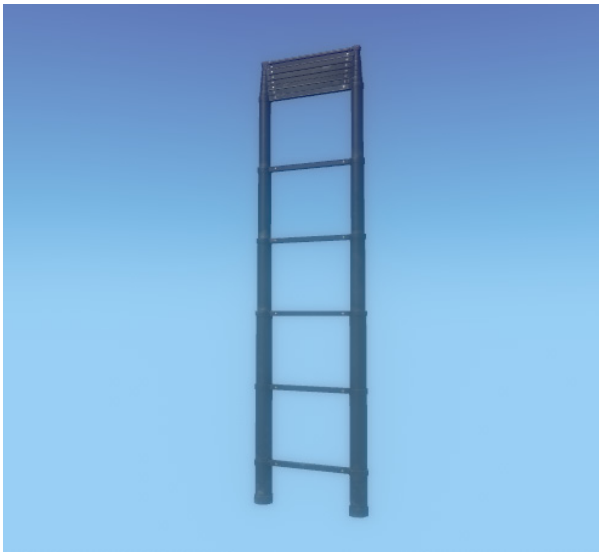
- 1:5:1:0:25:3:1:3
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.2.61. Military Tactical Ladder 16ft



- 1:5:1:0:25:3:1:4
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.2.62. Military Tactical Ladder 8ft



- 1:5:1:0:25:3:1:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.2.63. Minefield Flag-Marker

- 1:5:1:0:6:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

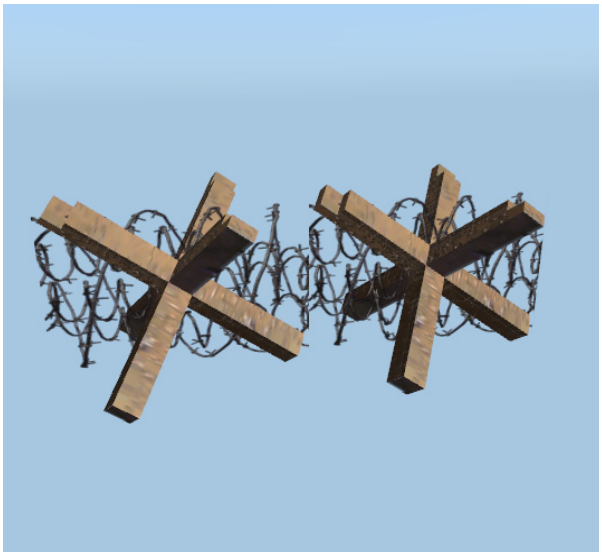
1.2.64. Nuclear Power Plant

- 1:5:1:0:12:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.65. Obstacle Bollard

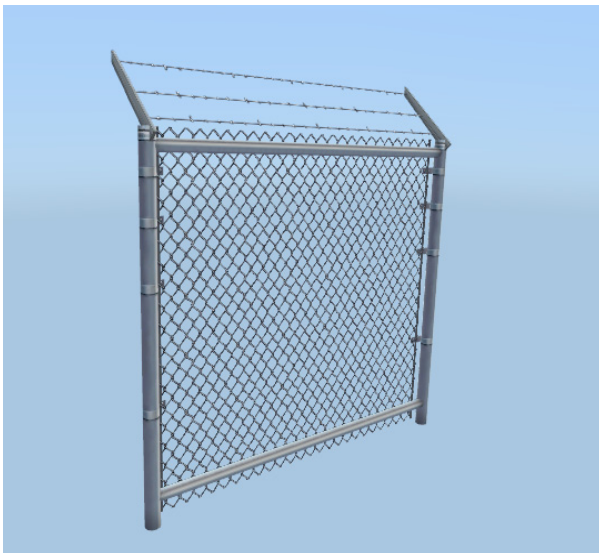
- 1:5:1:0:5:23:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.66. Obstacle Dragon's Teeth



- 1:5:1:0:5:14:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.67. Obstacle Fence Chain Link



- 1:5:1:0:5:24:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.68. Obstacle Fire Hydrant

- 1:5:1:0:5:22:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.69. Obstacle Minefield Post

- 1:5:1:0:6:2:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.70. Obstacle Traffic Barricade Blue

- 1:5:1:0:5:25:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

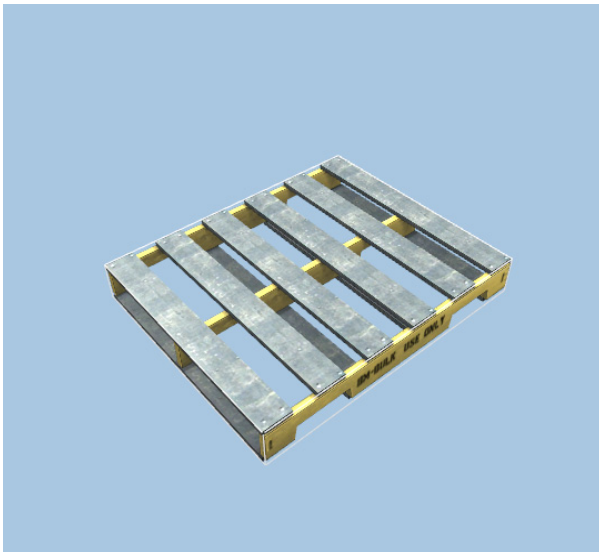
1.2.71. Obstacle Traffic Barricade Yellow

- 1:5:1:0:5:25:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.72. POL Storage Tank

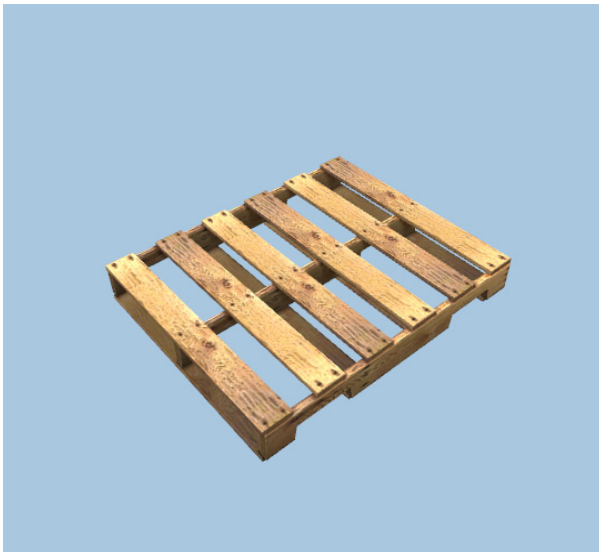
- 1:5:1:0:15:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.73. Palette Wooden Gray



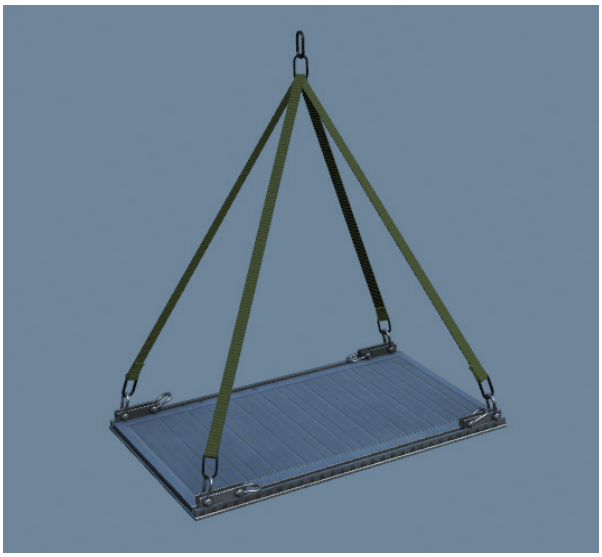
- 1:5:1:0:21:15:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.74. Palette Wooden



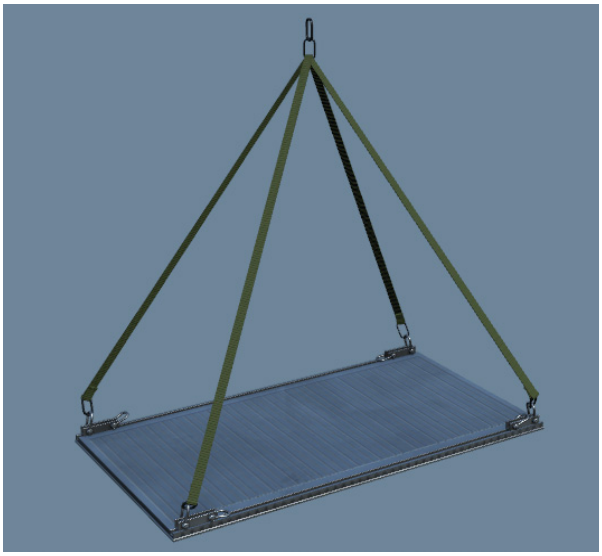
- 1:5:1:0:21:15:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.75. Parachuting Cargo Palette 10K



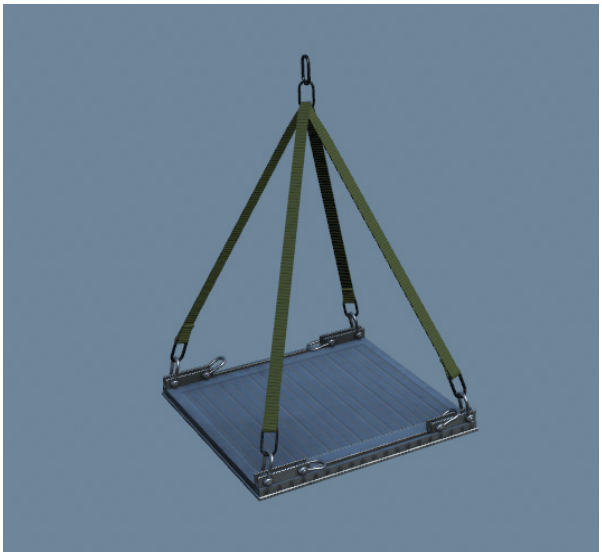
- 1:6:0:0:0:19:2:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.76. Parachuting Cargo Palette 15K



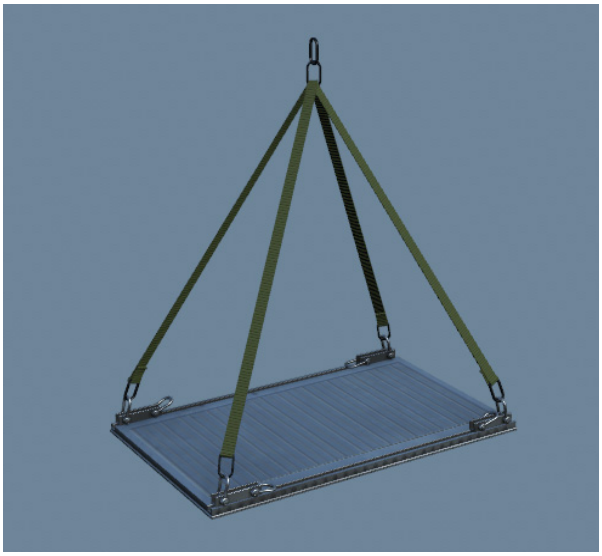
- 1:6:0:0:0:19:3:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.77. Parachuting Cargo Palette 5K



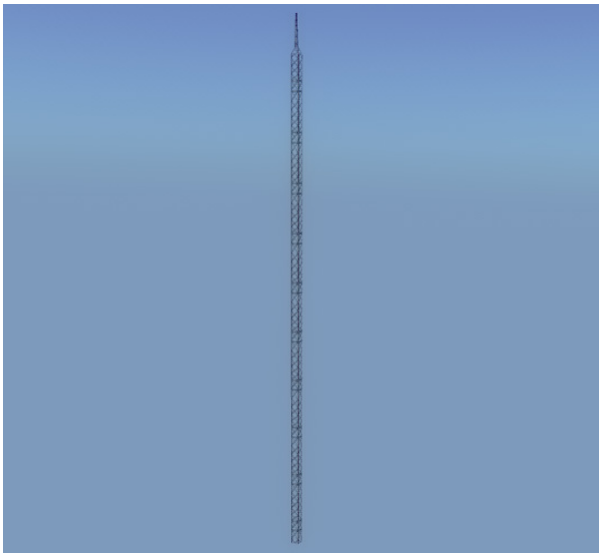
- 1:6:0:0:0:19:1:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.78. Parachuting Cargo Palette



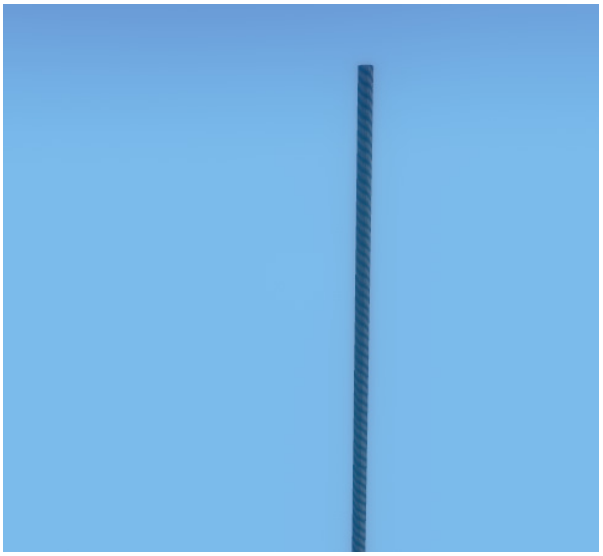
- 1:6:0:0:0:19:0:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.79. Radio Antenna



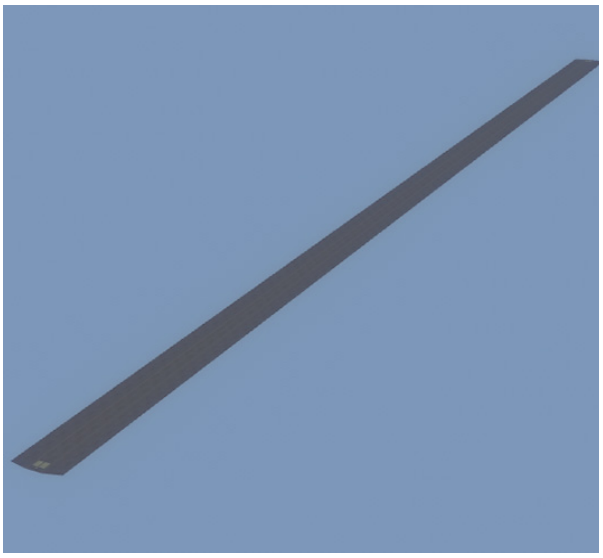
- 1:5:1:0:17:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.80. Rope Ladder 10m



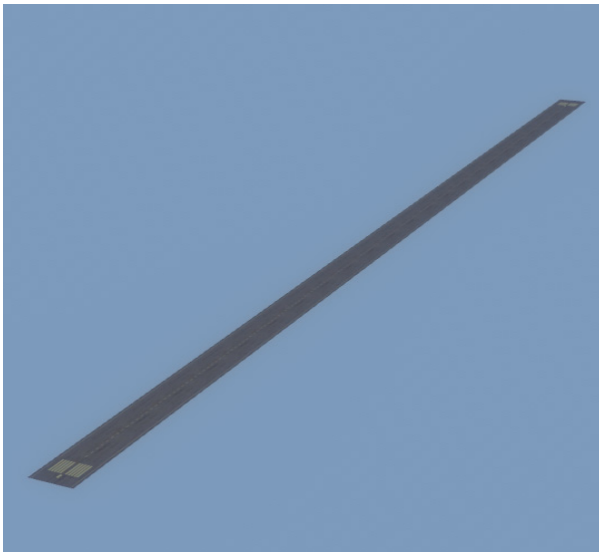
- 1:5:1:0:27:6:1:1
- Can embark: True
- Can be embarked on: True
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.2.81. Runway 1000m



- 1:5:1:0:10:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.82. Runway 150m

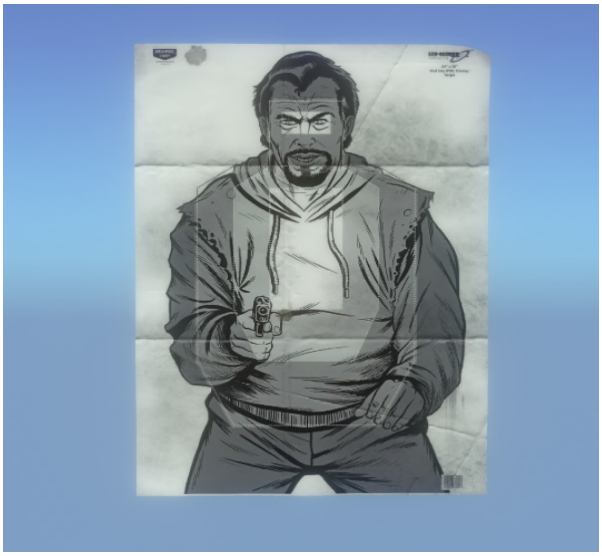


- 1:5:1:0:10:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.83. Shooting Target Poster Silhouette

- 1:5:1:0:5:21:0:9
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: shooting-target-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.2.84. Shooting Target Poster Suspect



- 1:5:1:0:5:21:0:10
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: shooting-target-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

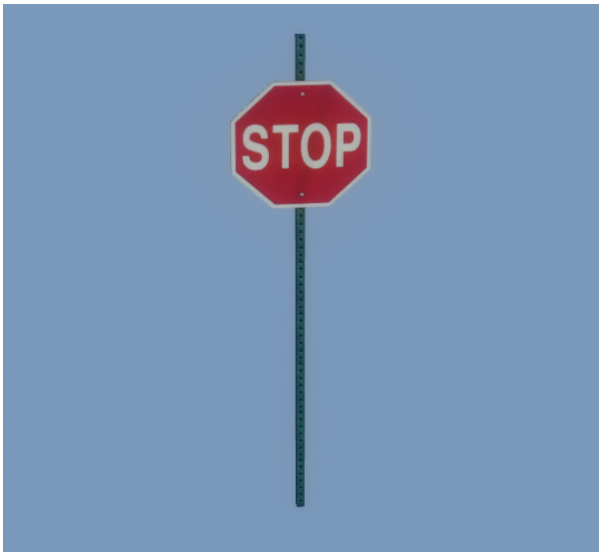
1.2.85. Shooting Target Poster Thug

- 1:5:1:0:5:21:0:11
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: shooting-target-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.2.86. Shooting Target

- 1:5:1:0:5:21:0:7
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: shooting-target-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.2.87. Sign Pole Traffic Stop



- 1:5:1:0:6:9:0:13
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.88. Tire Spare Compact

- 1:5:1:0:21:16:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

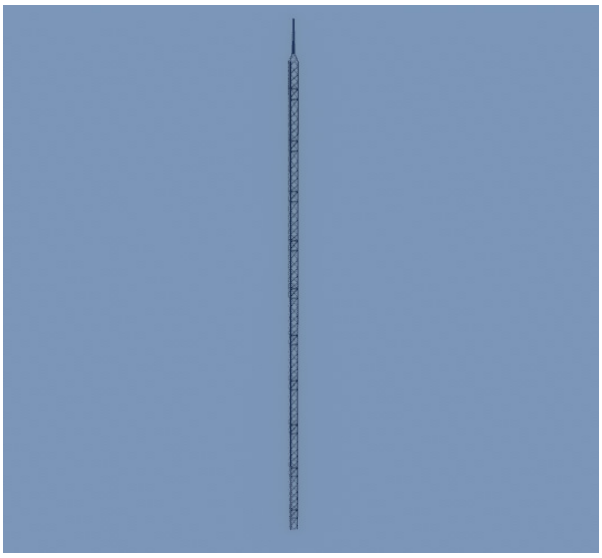
1.2.89. Tire Spare

- 1:5:1:0:21:16:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.90. Tower Clock German

- 1:5:1:0:17:0:0:2
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.91. Tower Communications

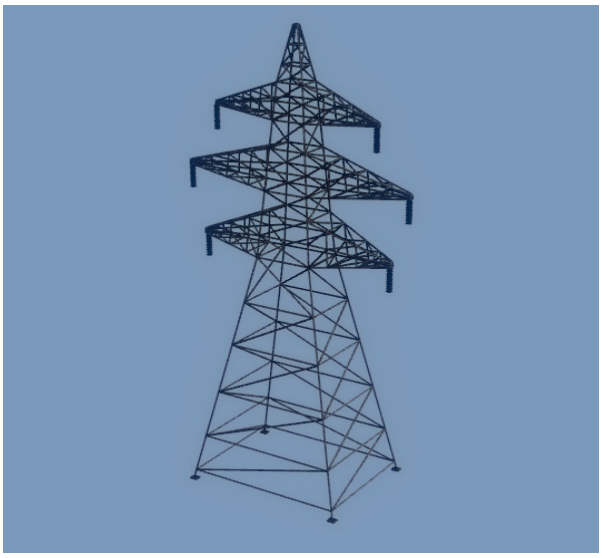


- 1:5:1:0:17:1:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.92. Tower Control Concrete

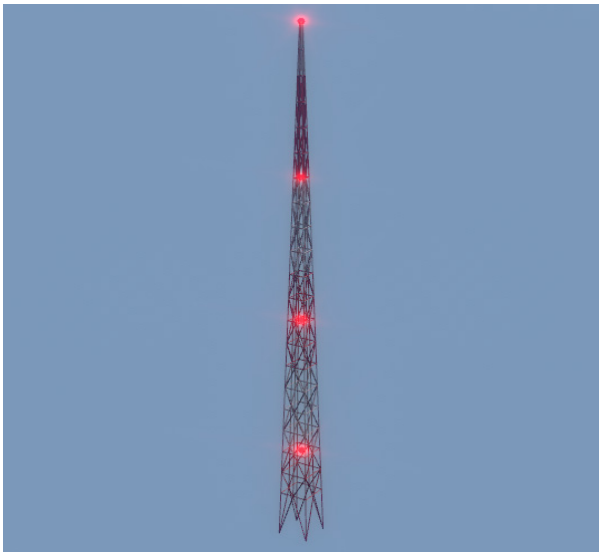
- 1:5:1:0:17:3:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.93. Tower Power Transmission



- 1:5:1:0:17:0:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.94. Tower Radio



- 1:5:1:0:17:4:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.95. Tower Water

- 1:5:1:0:17:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

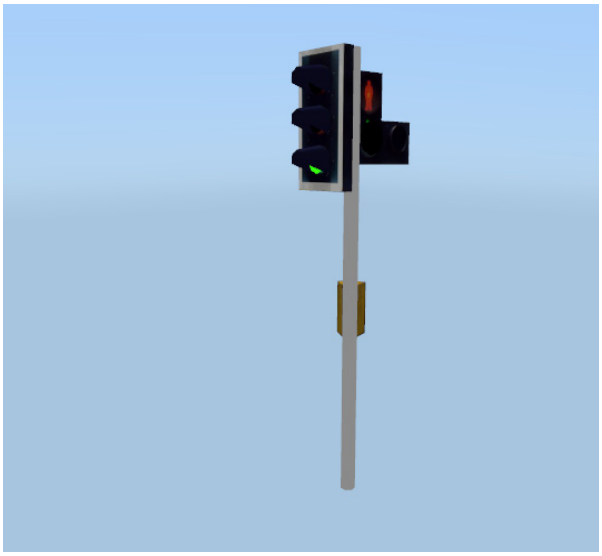
1.2.96. Traffic Cone Red

- 1:5:1:0:6:4:0:3
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.97. Traffic Cone Yellow

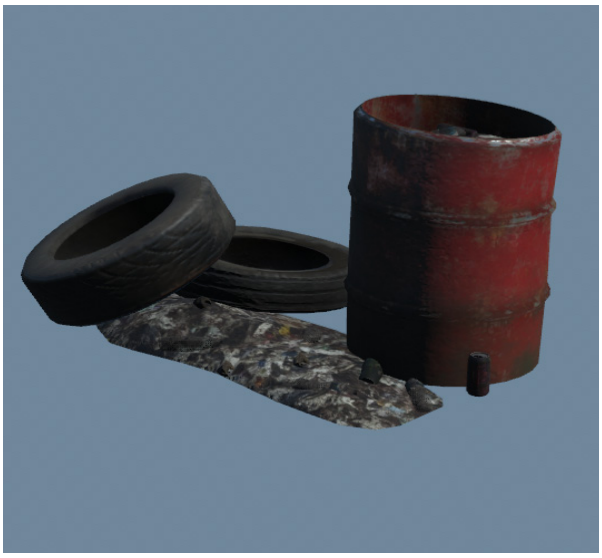
- 1:5:1:0:6:4:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.98. Traffic Light



- 1:5:1:0:6:4:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.99. Trash Bag Pile Extra Large



- 1:5:1:0:5:22:4:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

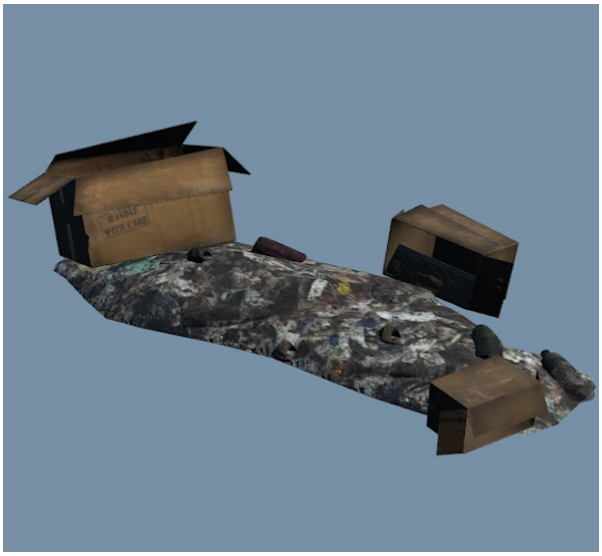
1.2.100. Trash Bag Pile Large

- 1:5:1:0:5:22:3:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.101. Trash Bag Pile Medium

- 1:5:1:0:5:22:2:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.102. Trash Bag Pile Small



- 1:5:1:0:5:22:1:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.103. Vending Machine Newspaper

- 1:5:1:0:22:9:3:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.104. Vending Machine Publication

- 1:5:1:0:22:9:2:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.3. Fixed Wing

1.3.1. A-10 Thunderbolt

- 1:1:2:225:2:4:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 194.4444444444 m/s
- Ordered speed: 155.5555555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GAU-8-Avenger-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.2. A-29 Super Tucano

- 1:1:2:29:2:1:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.3. A-4 Skyhawk

- 1:1:2:225:2:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 299.1666666667 m/s
- Ordered speed: 222.2222222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.4. A400M Atlas

- 1:1:2:71:4:7:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 246.9444444444 m/s
- Ordered speed: 166.6666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: airDrop.sysdef
  - other-6: aircraft-cargo-door.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.5. A400M Tanker

- 1:1:2:71:4:7:2:0
- Materially classified for SensorFX.
- Systems:
  - other-7: wing-tip-drogue-refueling-supplier.sysdef

1.3.6. AC-130U Spooky II

- 1:1:2:225:4:1:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 133.3333333333 m/s
- Ordered speed: 97.22222222222 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.7. AMX

- 1:1:2:106:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 292.5 m/s
- Ordered speed: 300 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: M61-vulcan-cannon.sysdef
  - weapon-3: fixed-sidewinder-missile-launcher.sysdef
  - weapon-4: US-fighter-bomber-bomb-bay.sysdef
  - weapon: GSh-301-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.8. AT-802

- 1:1:2:225:5:6:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 112.7777778889 m/s
- Ordered speed: 98.88888888889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 12
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 3

1.3.9. ATR 72-600

- 1:1:2:71:87:22:1:5
- Can embark: False
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 141.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30307
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 80
  - visual-signature: 5

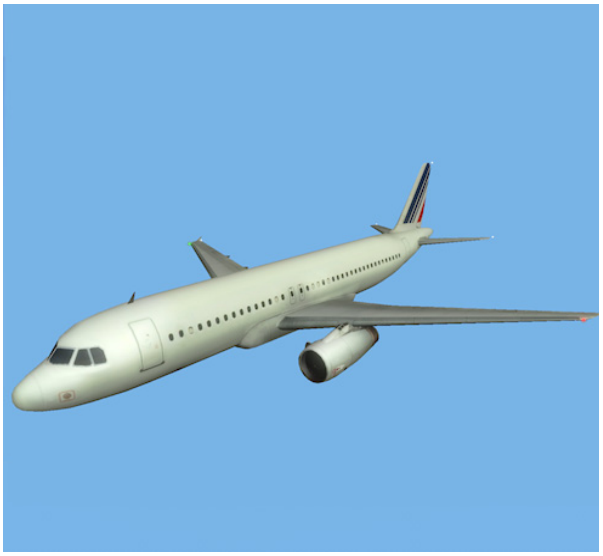
1.3.10. AV-8B Harrier II

- 1:1:2:225:2:8:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 300 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 6
  - visual-signature: 4

1.3.11. Ababil UAV

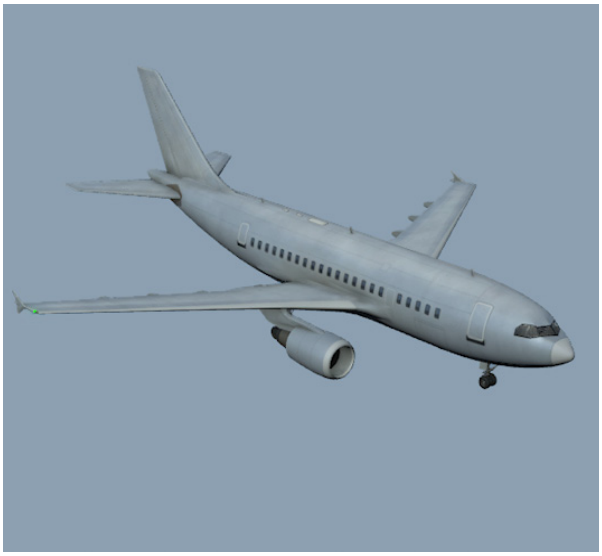
- 1:1:2:101:50:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 83.3333333333 m/s
- Ordered speed: 12.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
  - weapon: missile-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.12. Airbus 310 - Air France



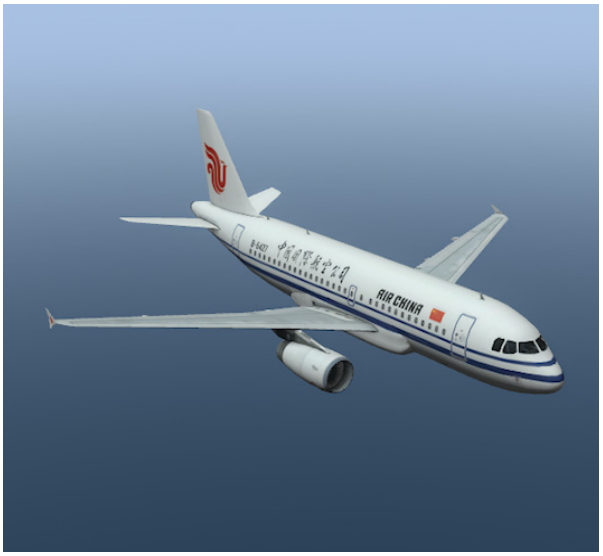
- 1:1:2:71:87:32:2:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 250.2777713333 m/s
- Ordered speed: 236.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.13. Airbus 310-304



- 1:1:2:71:88:32:2:4
- Can embark: False
- Can be embarked on: True
- Maximum speed: 250.2777713333 m/s
- Ordered speed: 236.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.14. Airbus 319 - Air China



- 1:1:2:71:57:1:5:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 241.9444444444 m/s
- Ordered speed: 230.2777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.15. Airbus 320 - American Airlines

- 1:1:2:71:57:1:1:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.16. Airbus 320 - British Airways

- 1:1:2:71:57:1:1:2
- Can embark: False
- Can be embarked on: True
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.17. Airbus 320 - Lufthansa

- 1:1:2:71:57:1:1:3
- Can embark: False
- Can be embarked on: True
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

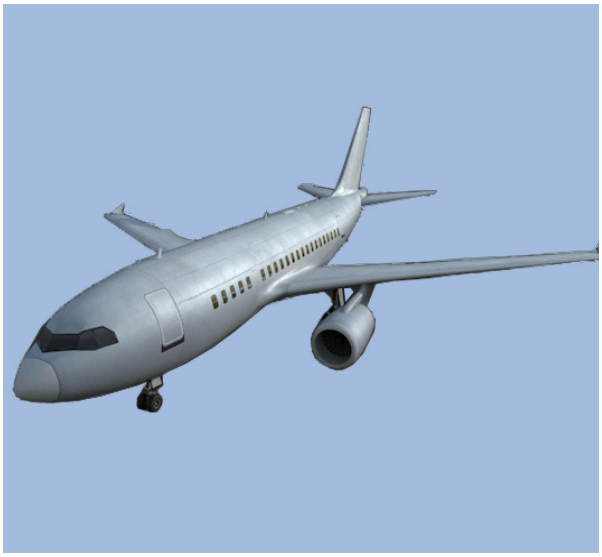
1.3.18. Airbus 320 - Singapore Airlines

- 1:1:2:71:57:1:1:4
- Can embark: False
- Can be embarked on: True
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.19. Airbus 380

- 1:1:2:71:57:1:9:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 283.333327 m/s
- Ordered speed: 250.002622 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.20. Airbus A310 MRTT Tanker



- 1:1:2:71:4:9:4:0
- Systems:
  - other-2: wing-tip-drogue-refueling-supplier.sysdef

1.3.21. Antanov AN-72 Coaler

- 1:1:2:222:4:10:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 194.4444444444 m/s
- Ordered speed: 166.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 150
  - visual-signature: 20

1.3.22. B-2 Spirit

- 1:1:2:225:3:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 230.555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: naval-depth-charge-deployment.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.23. B-52 Stratofortress

- 1:1:2:225:3:3:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 230.555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: naval-depth-charge-deployment.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.24. B1-B Lancer

- 1:1:2:225:3:1:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 230.555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: naval-depth-charge-deployment.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.25. BAE CT-155 Hawk

- 1:1:2:224:2:6:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 285.5555555556 m/s
- Ordered speed: 166.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.26. BAE Hawk T2

- 1:1:2:224:40:5:5:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 285.5555555556 m/s
- Ordered speed: 166.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.27. BN-2 Islander

- 1:1:2:224:4:11:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 75.83333322224 m/s
- Ordered speed: 71.11111077782 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 3

1.3.28. BTT-3 Banshee Jet 80

- 1:1:2:224:50:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 222.2222222222 m/s
- Ordered speed: 138.8888888889 m/s
- Systems:
  - BTT-3 Banshee Jet 80-movement: fixed-wing-fighter-jet.sysdef
  - damage: fixed-wing-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

1.3.29. Beechcraft 36 Bonanza

- 1:1:2:225:85:11:3:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 112.7777778889 m/s
- Ordered speed: 90.55555555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 12
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 3

1.3.30. Beechcraft C-12

- 1:1:2:225:4:16:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 151.3888887778 m/s
- Ordered speed: 148.8888885556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 3

1.3.31. Beechcraft MC-12 King Air Single Seater

- 1:1:2:225:4:16:1:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 148.6111111111 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 3

1.3.32. Beechcraft MC-12 King Air

- 1:1:2:225:7:8:7:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 148.6111111111 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 3

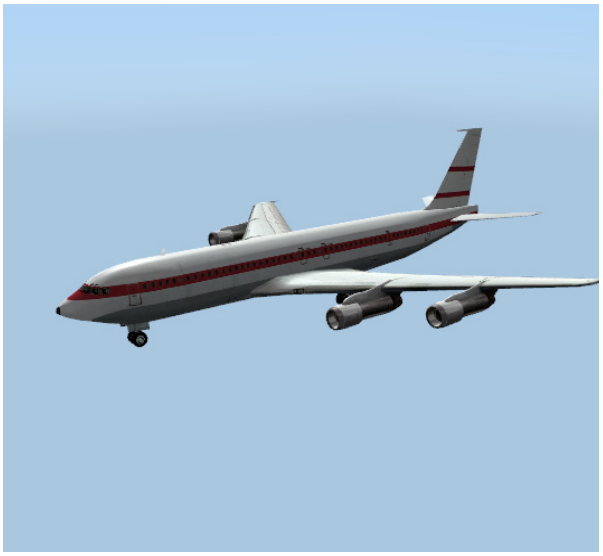
1.3.33. Beechcraft T-6 Texan II

- 1:1:2:225:40:13:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 162.7777777778 m/s
- Ordered speed: 141.6666666667 m/s
- Systems:
  - Beechcraft T-6 Texan II-movement: fixed-wing-fighter-jet.sysdef
  - damage: fixed-wing-default.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 12
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 5

1.3.34. Beriev A-50 Mainstay

- 1:1:2:222:8:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.1111111111 m/s
- Ordered speed: 160 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.35. Boeing 707

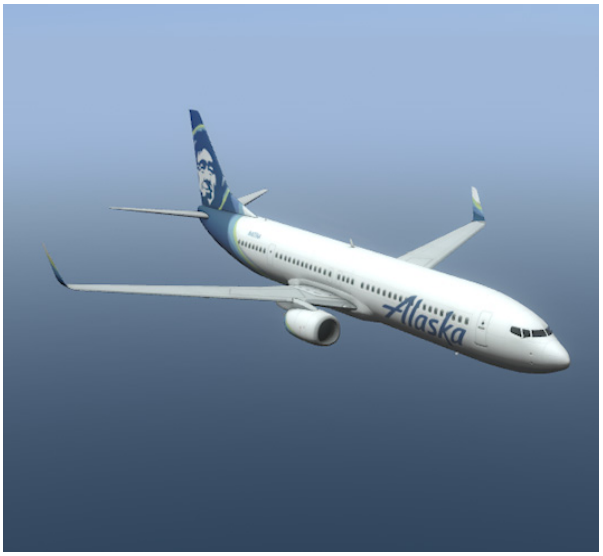


- 1:1:2:225:57:1:11:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 289 m/s
- Ordered speed: 277.777778 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.36. Boeing 737 British Airways

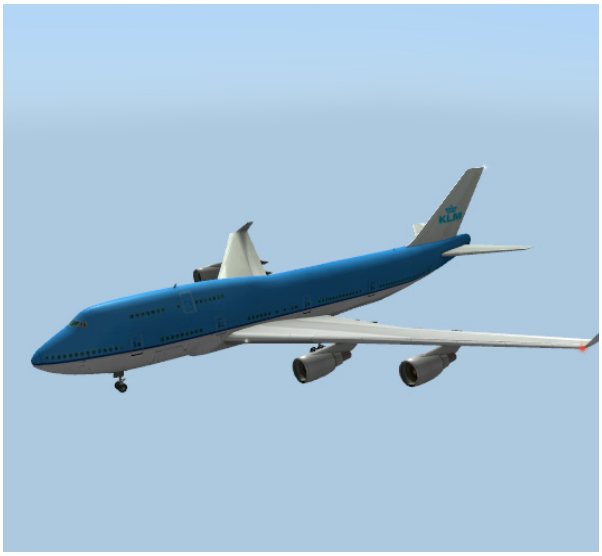
- 1:1:2:225:57:1:4:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.37. Boeing 737-900



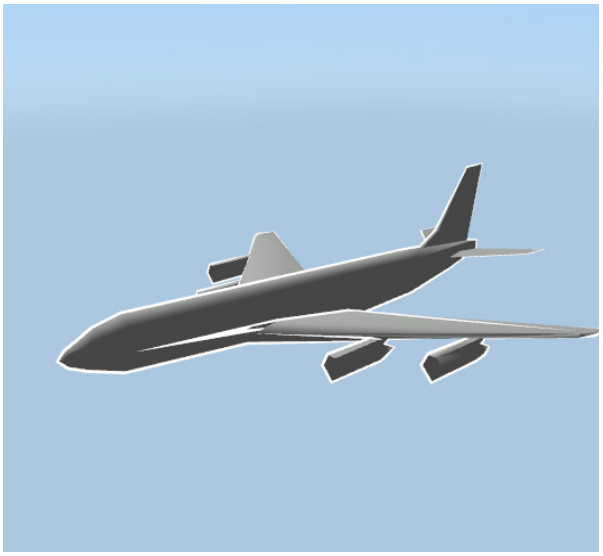
- 1:1:2:225:57:1:7:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 232.7777777778 m/s
- Ordered speed: 245.2804 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.38. Boeing 747-400



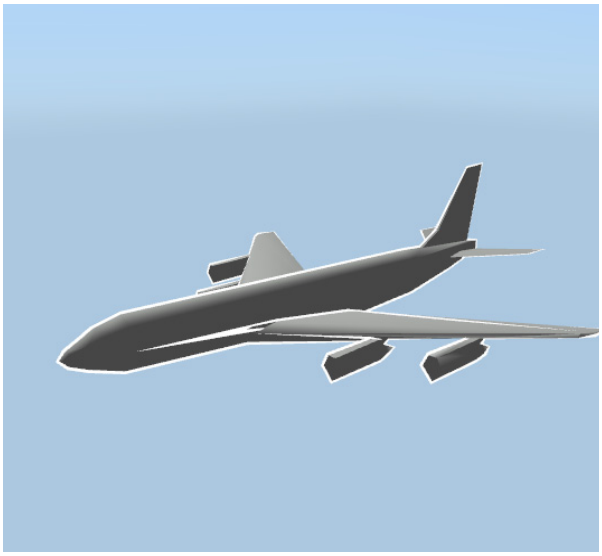
- 1:1:2:225:57:1:1:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 289 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 120
  - visual-signature: 10

1.3.39. Boeing 757



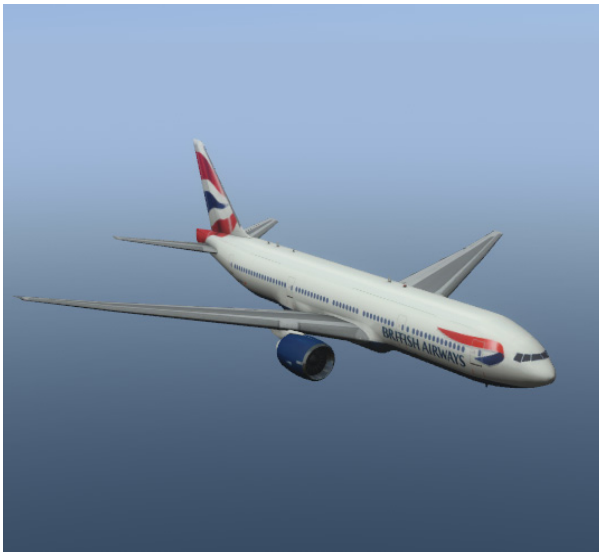
- 1:1:2:225:57:1:2:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 268.166667 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.40. Boeing 767



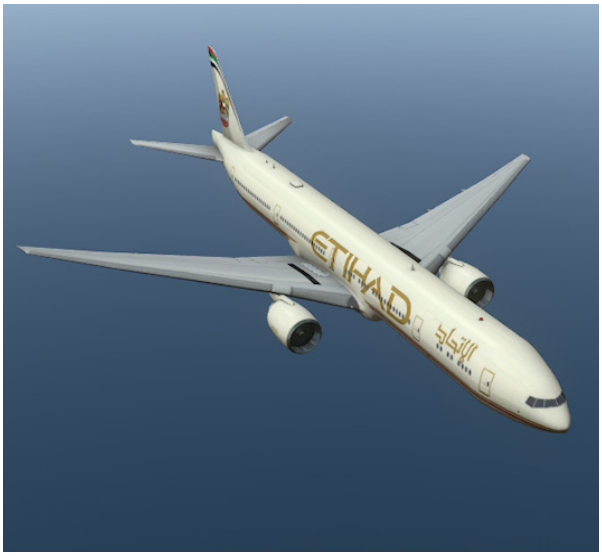
- 1:1:2:225:57:1:8:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 253.722222 m/s
- Ordered speed: 236.111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.41. Boeing 777-200



- 1:1:2:225:88:32:2:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.42. Boeing 777-300

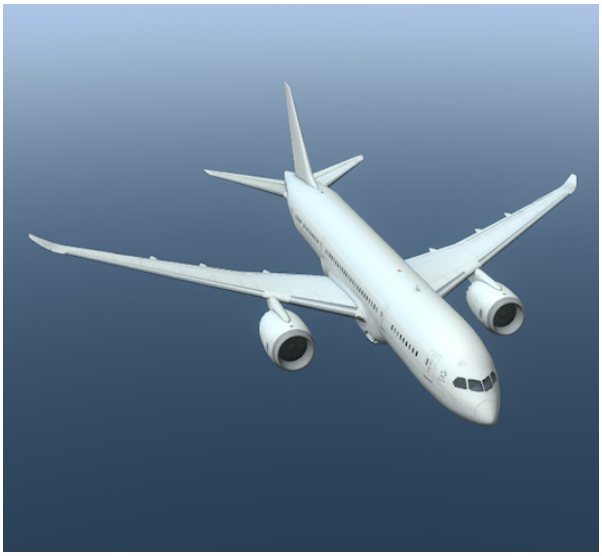


- 1:1:2:225:88:32:2:4
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.43. Boeing 777

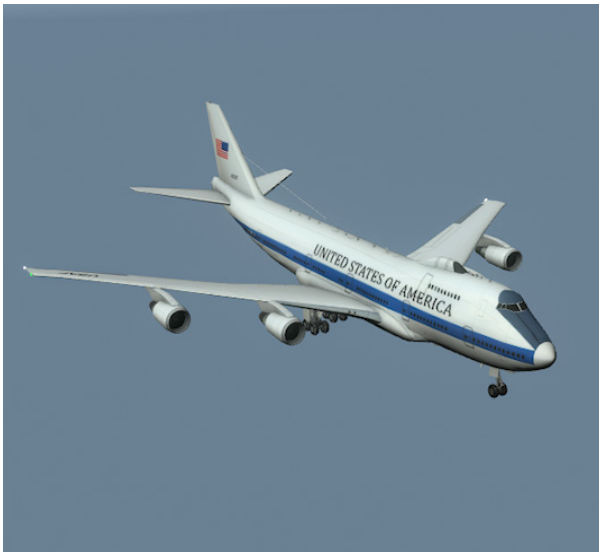
- 1:1:2:225:57:1:14:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.44. Boeing 787-800



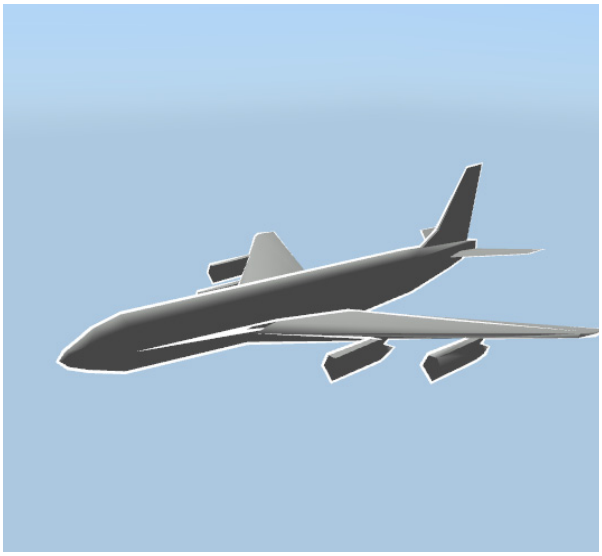
- 1:1:2:225:57:1:15:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.45. Boeing E-4



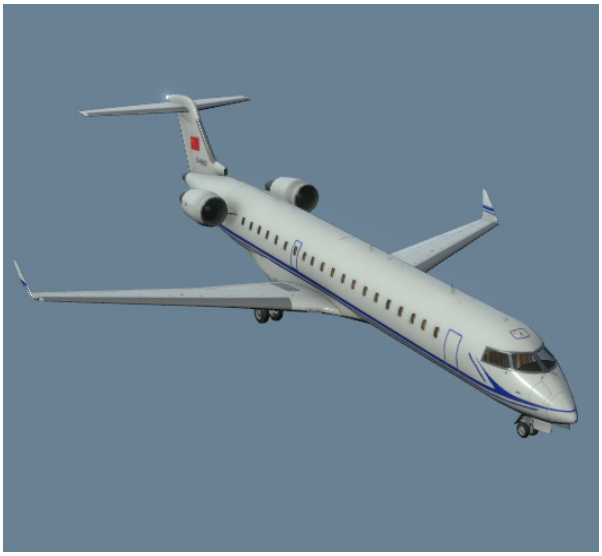
- 1:1:2:225:8:5:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 269.1666666667 m/s
- Ordered speed: 160 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.46. Bombardier CL-600



- 1:1:2:39:86:22:2:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 244.9999998889 m/s
- Ordered speed: 236.3888885556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.47. Bombardier CRJ 700



- 1:1:2:39:87:32:3:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 243.3333333333 m/s
- Ordered speed: 218.333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 80
  - visual-signature: 7

1.3.48. Bombardier CRJ100 Air France

- 1:1:2:39:57:1:5:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 218.333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 80
  - visual-signature: 7

1.3.49. Bombardier CRJ200 Air France

- 1:1:2:39:57:1:6:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 238.611111 m/s
- Ordered speed: 218.333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 80
  - visual-signature: 7

1.3.50. Bombardier DHC-8

- 1:1:2:39:86:22:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 236.111111 m/s
- Ordered speed: 138.8888885556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30307
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 80
  - visual-signature: 5

1.3.51. C-130 Hercules

- 1:1:2:225:4:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 167.19296 m/s
- Ordered speed: 150 m/s
- Materially classified for SensorFX.
- Systems:
  - C-130 Hercules-other: aircraft-cargo-door.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: airDrop.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.52. C-130J Super Hercules

- 1:1:2:225:4:1:29:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 167.19296 m/s
- Ordered speed: 150 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: airDrop.sysdef
  - other-6: aircraft-cargo-door.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.53. C-17 Globemaster III

- 1:1:2:225:4:9:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 249.999988 m/s
- Ordered speed: 230.555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 150
  - visual-signature: 20

1.3.54. C-5 Galaxy

- 1:1:2:225:4:2:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 263.8888888889 m/s
- Ordered speed: 255.277778 m/s
- Systems:
  - C-5 Galaxy-other: aircraft-cargo-door.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 40
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 200
  - visual-signature: 15

1.3.55. CASA C-212 Aviocar

- 1:1:2:198:4:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 102.7777777778 m/s
- Ordered speed: 83.33333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

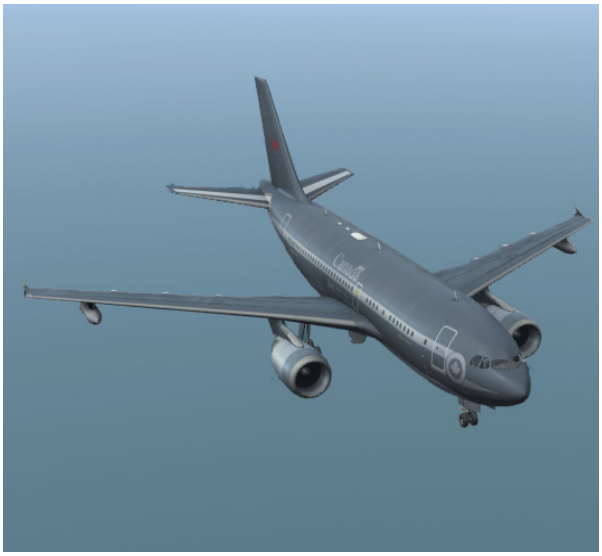
1.3.56. CASA CN-235

- 1:1:2:198:4:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: aircraft-cargo-door.sysdef
  - other-3: aircraft-sliding-door.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.57. CC-115 Buffalo

- 1:1:2:39:86:22:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 116.6666666667 m/s
- Ordered speed: 111.1111111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: aircraft-cargo-door.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.58. CC-150 Polaris



- 1:1:2:39:4:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 288.0555555556 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.59. CL-415 Superscooper

- 1:1:2:39:4:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 116.6666666667 m/s
- Ordered speed: 111.1111111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.60. CV-22B Osprey

- 1:1:2:225:4:17:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 141.111111 m/s
- Ordered speed: 89.166667 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 7

1.3.61. Canadair CT-114

- 1:1:2:39:40:5:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 217.2222222222 m/s
- Ordered speed: 138.8888888889 m/s
- Systems:
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.62. Cessna 172 Skyhawk

- 1:1:2:225:40:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 83.88888888889 m/s
- Ordered speed: 62.77777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.63. Cessna 185 Skywagon Floats

- 1:1:2:225:85:11:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 61.73333333333 m/s
- Ordered speed: 62.77777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.64. Cessna Citation

- 1:1:2:225:40:12:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 231.9444444444 m/s
- Ordered speed: 207.2222222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.65. Cessna F406 Caravan II

- 1:1:2:225:85:12:6:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 117.7777777778 m/s
- Ordered speed: 111.1111111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 3

1.3.66. Chengdu J-10C

- 1:1:2:45:1:5:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 300 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-attack-strike-missile-package.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: GSh-301-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

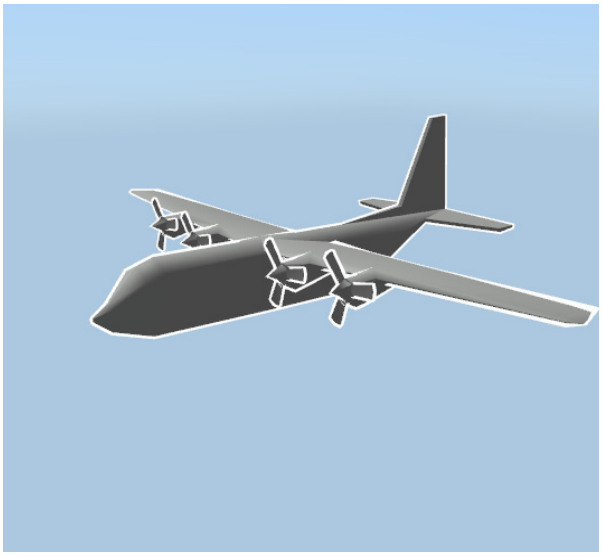
1.3.67. Chengdu J-20

- 1:1:2:45:1:7:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 874.4444444444 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-attack-strike-missile-package.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.68. Chengdu J-7

- 1:1:2:45:1:2:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 611.1111111111 m/s
- Ordered speed: 250 m/s
- Systems:
  - Chengdu J-7-movement: fixed-wing-fighter-jet.sysdef
  - Chengdu J-7-weapon: CIS-air-defense-missile-package.sysdef
  - damage: fixed-wing-default.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: GSh-301-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.69. Dassault Atlantic



- 1:1:2:71:5:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 180 m/s
- Ordered speed: 87.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: mad-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: naval-depth-charge-deployment.sysdef
  - weapon: exocet-cruise-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.70. Dassault Mystere-Falcon 20

- 1:1:2:71:4:6:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 239.4444444444 m/s
- Ordered speed: 208.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

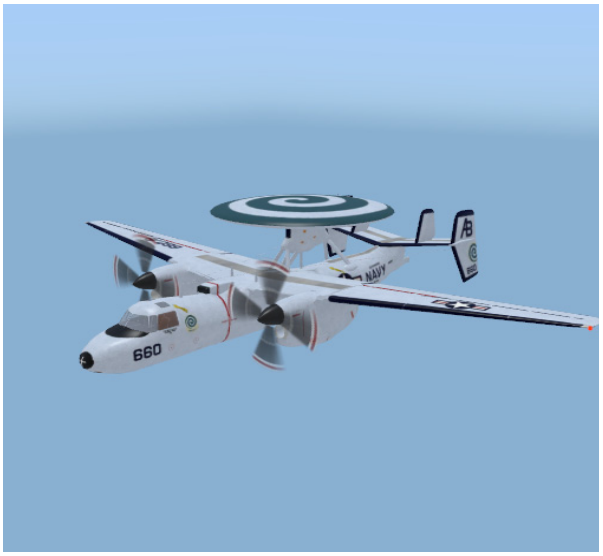
1.3.71. Dassault Mystere-Falcon 900

- 1:1:2:71:7:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 288.0555555556 m/s
- Ordered speed: 263.8888888889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.72. Dornier DO 228-200 LGW

- 1:1:2:225:57:1:7:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 118.888889 m/s
- Ordered speed: 114.7222222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 7

1.3.73. E-2 Hawkeye



- 1:1:2:225:8:1:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 131.6666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tactical-radar-jammer.sysdef
  - other-6: folding-wing-articulation.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

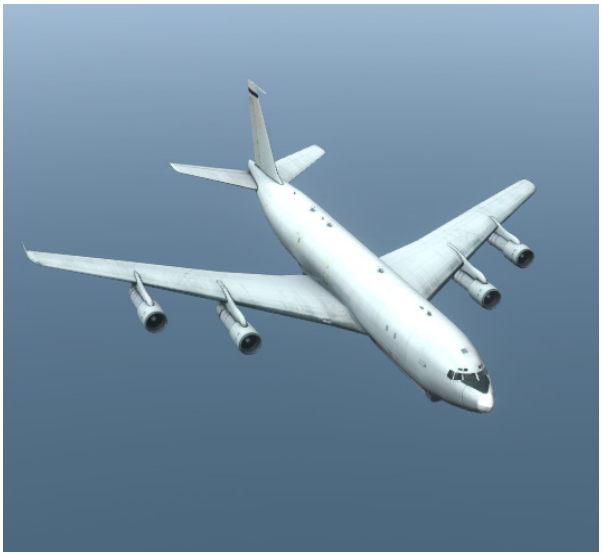
1.3.74. E-3 Sentry

- 1:1:2:225:8:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 289 m/s
- Ordered speed: 160 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.75. E-7 AEW&C Wedgetail

- 1:1:2:225:8:11:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.9444444444 m/s
- Ordered speed: 166.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.76. E-8C JSTARS



- 1:1:2:225:8:6:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 262.5 m/s
- Ordered speed: 160 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.77. EA-18G Growler

- 1:1:2:225:6:10:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tactical-radar-jammer.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: radar-warning-receiver.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

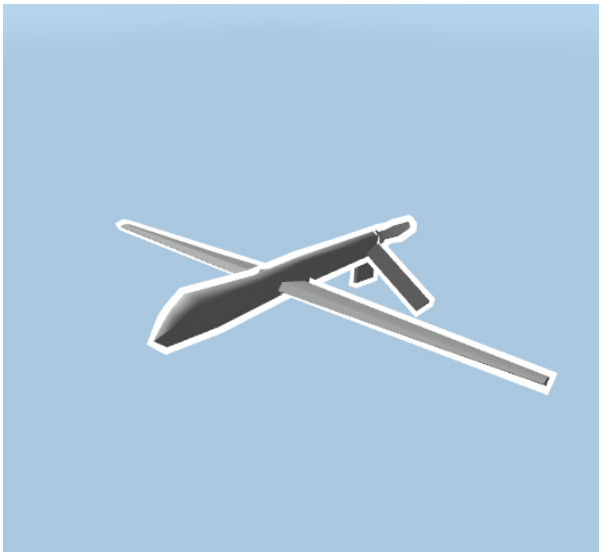
1.3.78. EA-6B Prowler

- 1:1:2:225:6:9:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 205 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tactical-radar-jammer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: radar-warning-receiver.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.79. EADS CASA C-295

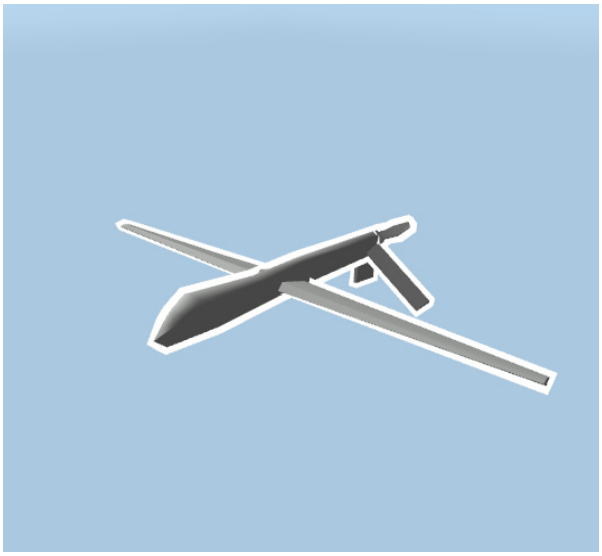
- 1:1:2:198:4:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: aircraft-cargo-door.sysdef
  - other-3: aircraft-sliding-door.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.80. EMT Aladin



- 1:1:2:78:50:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 25 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.81. EMT Luna



- 1:1:2:78:50:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.82. Embraer ERJ135

- 1:1:2:29:87:32:3:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 231.3888888889 m/s
- Ordered speed: 207.2222222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.83. Embraer Phenom 100

- 1:1:2:29:86:32:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 240.1 m/s
- Ordered speed: 208.3333333333 m/s
- Systems:
  - Embraer Phenom 100-damage: fixed-wing-default.sysdef
  - Embraer Phenom 100-movement: fixed-wing-fighter-jet.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.84. Embraer R/E-99

- 1:1:2:29:8:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 237.2222222222 m/s
- Ordered speed: 166.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.85. Eurofighter Typhoon

- 1:1:2:224:1:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 590 m/s
- Ordered speed: 300 m/s
- Systems:
  - Eurofighter Typhoon-other: air-refueling-receiver-drogue.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.86. F-117A Nighthawk

- 1:1:2:225:2:11:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 300 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: tacan-transmitter.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.87. F-15 Eagle

- 1:1:2:225:1:5:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.88. F-16A Fighting Falcon

- 1:1:2:225:1:3:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.89. F-22 Raptor

- 1:1:2:225:1:6:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 670.555556 m/s
- Ordered speed: 300 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.90. F-35 Lightning II

- 1:1:2:225:1:12:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.91. F-4E 2020 Terminator

- 1:1:2:218:1:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 658.3333333333 m/s
- Ordered speed: 261.1111111111 m/s
- Systems:
  - F-4E 2020 Terminator-movement: fixed-wing-fighter-jet.sysdef
  - damage: fixed-wing-default.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.92. F-5E Tiger

- 1:1:2:101:2:0:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 483.3333333333 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.93. F/A-18 Hornet

- 1:1:2:225:1:9:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other-6: air-refueling-receiver-drogue.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon-5: fixed-amraam-missile-launcher.sysdef
  - weapon-6: fixed-harpoon-missile-launcher.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.94. Gulfstream G400

- 1:1:2:225:87:32:7:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 259.7222222222 m/s
- Ordered speed: 251.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

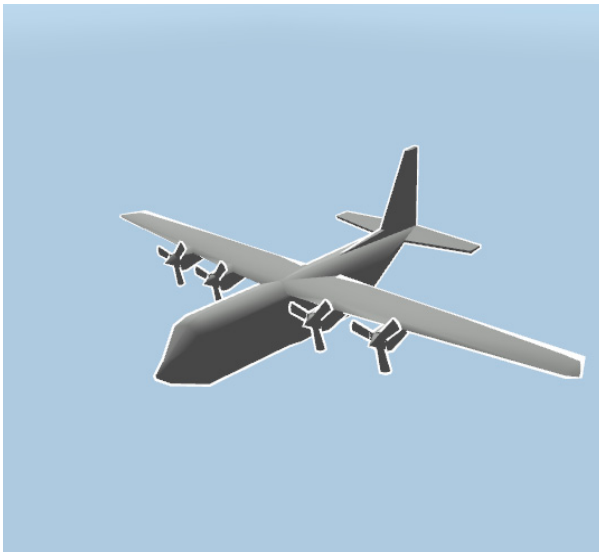
1.3.95. Gulfstream G550

- 1:1:2:225:87:32:10:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 261.3888824444 m/s
- Ordered speed: 251.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.96. Gulfstream III

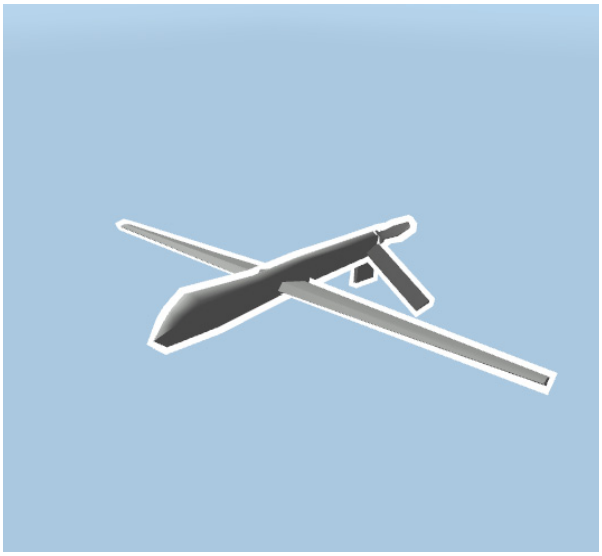
- 1:1:2:225:4:11:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 257.7777777778 m/s
- Ordered speed: 251.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.97. Harbin SH-5 ASW



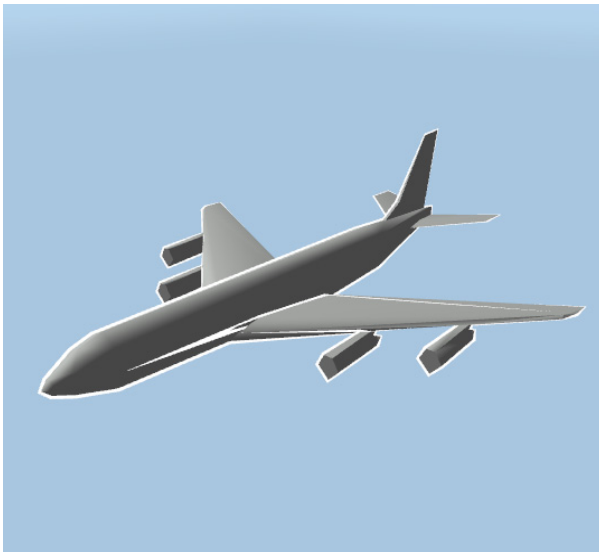
- 1:1:2:45:5:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 154.4444444444 m/s
- Ordered speed: 125 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: mad-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-heavy-bomber-bomb-bay.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: naval-depth-charge-deployment.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.98. Hermes 450



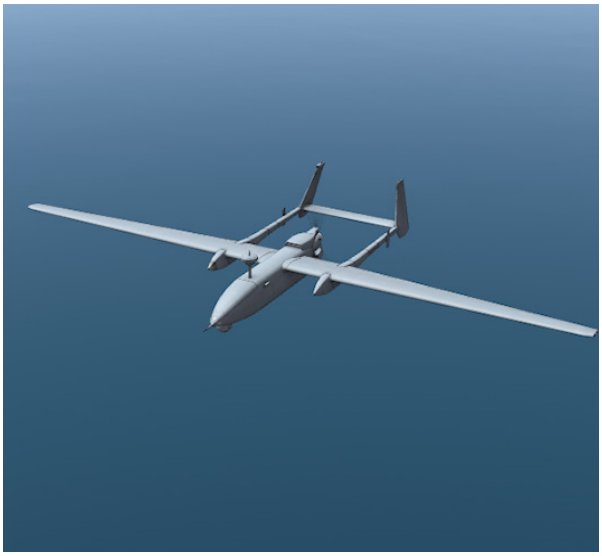
- 1:1:2:105:50:1:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 48.888889 m/s
- Ordered speed: 36.11111066667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 2

1.3.99. IAI 1124 Sea Scan



- 1:1:2:105:8:4:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 241.111111 m/s
- Ordered speed: 200.833333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.100. IAI Heron



- 1:1:2:105:50:5:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 57.5 m/s
- Ordered speed: 38 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

1.3.101. IL-38 Dolphin

- 1:1:2:222:5:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 181.6666666667 m/s
- Ordered speed: 150 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: mad-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-heavy-bomber-bomb-bay.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: naval-depth-charge-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.102. IL-76MD Candid B

- 1:1:2:222:4:3:5:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 249.999988 m/s
- Ordered speed: 230.555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 150
  - visual-signature: 20

1.3.103. IL-78M Midas Tanker

- 1:1:2:222:4:12:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 249.999988 m/s
- Ordered speed: 230.555556 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: wing-tip-drogue-refueling-supplier.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 150
  - visual-signature: 20

1.3.104. JAS 39 Gripen

- 1:1:2:205:1:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: fixed-sidewinder-missile-launcher.sysdef
  - weapon-5: fixed-amraam-missile-launcher.sysdef
  - weapon: exocet-cruise-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.105. JF-17 Thunder

- 1:1:2:45:1:9:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 530.5555555556 m/s
- Ordered speed: 377.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.106. Jaguar IS

- 1:1:2:71:2:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 375 m/s
- Ordered speed: 300 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: M61-vulcan-cannon.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.107. KC-10A Extender

- 1:1:2:225:4:6:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 240.5555555556 m/s
- Ordered speed: 236.9444444444 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: boom-wingtip-drogue-refueling-supplier.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.108. KC-130 Hercules Tanker

- 1:1:2:225:4:1:13:0
- Materially classified for SensorFX.
- Systems:
  - other-6: wing-tip-drogue-refueling-supplier.sysdef

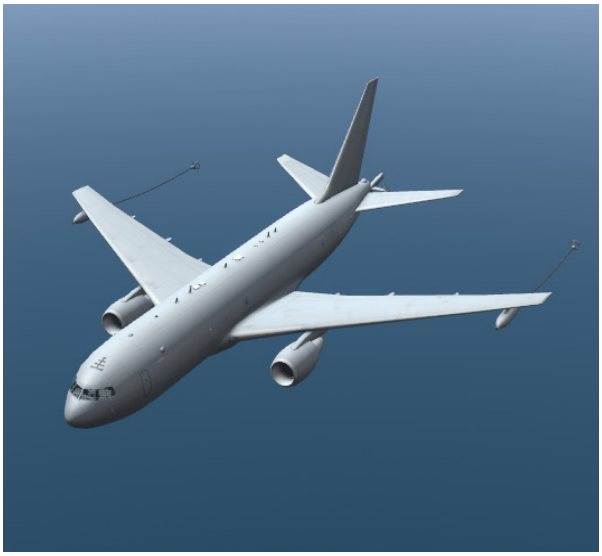
1.3.109. KC-130J Super Hercules Tanker

- 1:1:2:225:4:1:13:4
- Materially classified for SensorFX.
- Systems:
  - other-7: wing-tip-drogue-refueling-supplier.sysdef

1.3.110. KC-135 Stratotanker

- 1:1:2:225:4:5:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 259.1666666667 m/s
- Ordered speed: 236.9444444444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: multi-point-refueling-supplier.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.111. KC-46A Pegasus

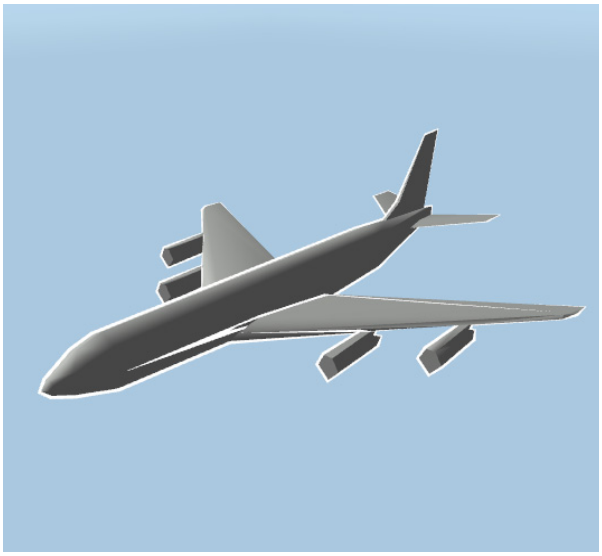


- 1:1:2:225:4:23:3:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 253.8888888889 m/s
- Ordered speed: 236.3888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: boom-wingtip-drogue-refueling-supplier.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.112. L-39 Albatros

- 1:1:2:56:2:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 272.2222222222 m/s
- Ordered speed: 208.3333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.113. Lockheed L-1011



- 1:1:2:225:88:33:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 315.8333213333 m/s
- Ordered speed: 267.5000004444 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 120
  - visual-signature: 7

1.3.114. M-346 Master

- 1:1:2:106:40:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 348.6111111111 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-5: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-sidewinder-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.115. MIG-21 Fishbed

- 1:1:2:222:1:6:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 325.2777777778 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.116. MQ-1 Predator

- 1:1:2:225:50:4:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 60 m/s
- Ordered speed: 38 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

1.3.117. MQ-1C Gray Eagle

- 1:1:2:225:50:4:5:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 85.83333333333 m/s
- Ordered speed: 55.55555555556 m/s
- Systems:
  - MQ-1C Gray Eagle-movement: fixed-wing-fighter-jet.sysdef
  - MQ-1C Gray Eagle-weapon: laser-guided-hellfire-missile-launcher.sysdef
  - damage: fixed-wing-default.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

1.3.118. MQ-4C Triton

- 1:1:2:225:50:6:2:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 133.888889 m/s
- Ordered speed: 159.944444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

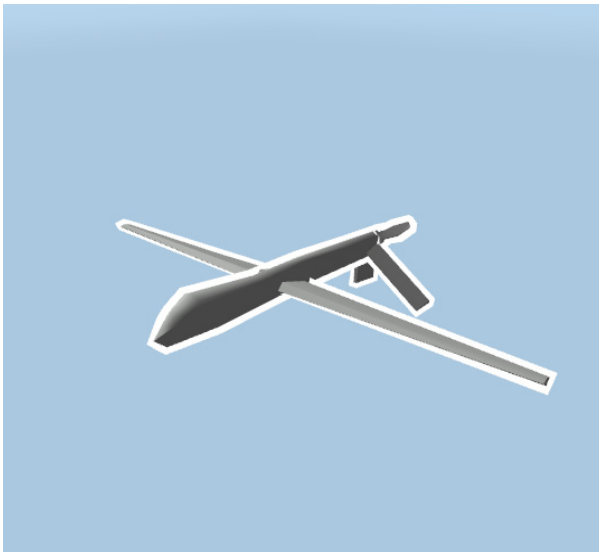
1.3.119. MQ-9 Reaper UAV

- 1:1:2:225:50:4:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 133.888889 m/s
- Ordered speed: 83.555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.120. MV-22B Osprey

- 1:1:2:225:4:17:12:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 141.111111 m/s
- Ordered speed: 89.166667 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 7

1.3.121. Maveric UAS



- 1:1:2:225:50:100:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.27777811111 m/s
- Ordered speed: 6.388889111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: visual-sensor.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 1

1.3.122. MiG-27 Flogger

- 1:1:2:222:2:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 325.2777777778 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.123. MiG-29 Fulcrum

- 1:1:2:222:1:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-air-defense-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.124. MiG-31 Foxhound

- 1:1:2:222:1:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 325.2777777778 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.125. MiG-35 Fulcrum F

- 1:1:2:222:1:18:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 583.3333333333 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-3: GSh-301-cannon.sysdef
  - weapon: CIS-air-defense-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

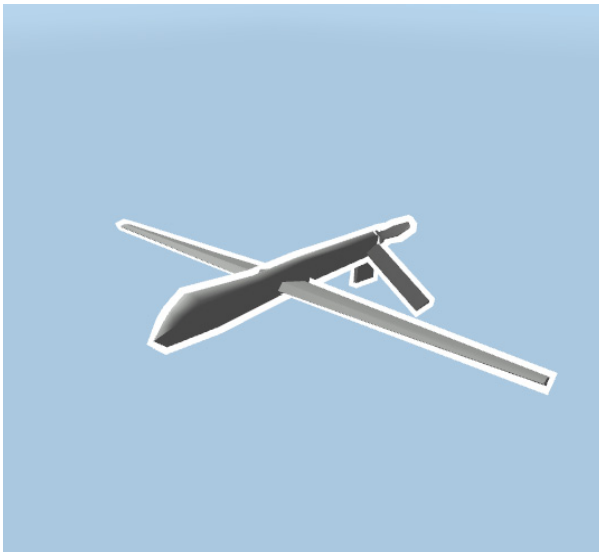
1.3.126. Mirage 2000

- 1:1:2:71:1:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-fighter-bomber-bomb-bay.sysdef
  - weapon-3: GSh-301-cannon.sysdef
  - weapon: exocet-cruise-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.127. Mirage F1

- 1:1:2:71:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.128. Mohajer UAV



- 1:1:2:101:50:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 50 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

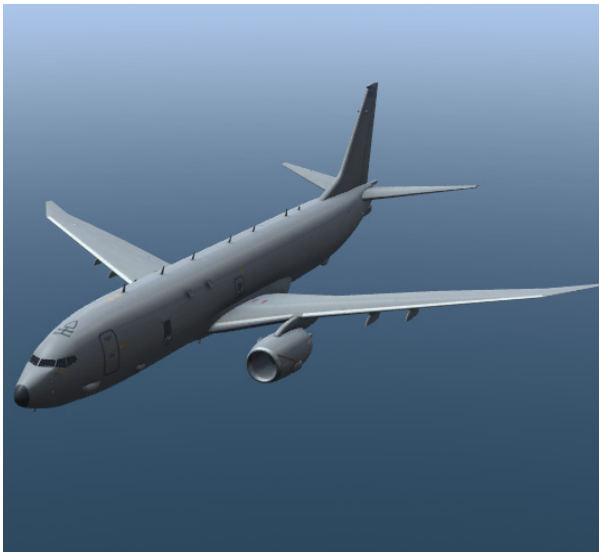
1.3.129. Nanchang Q-5 Fantan

- 1:1:2:45:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 336.1111111111 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.130. P-3 Orion

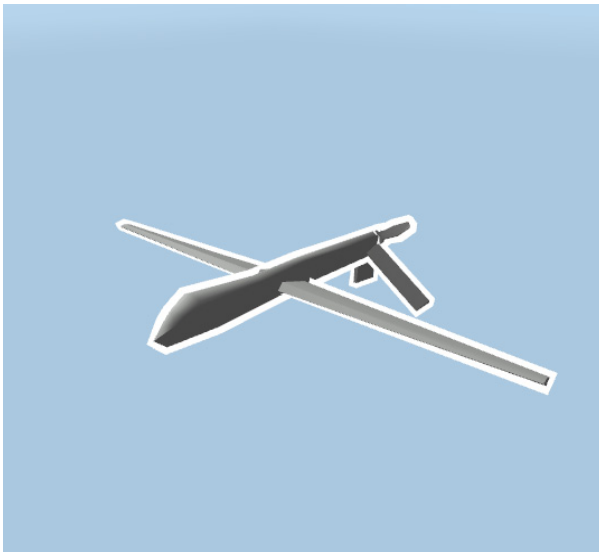
- 1:1:2:225:5:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 208.333321 m/s
- Ordered speed: 150 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: mad-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-heavy-bomber-bomb-bay.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: naval-depth-charge-deployment.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.131. P-8A Poseidon



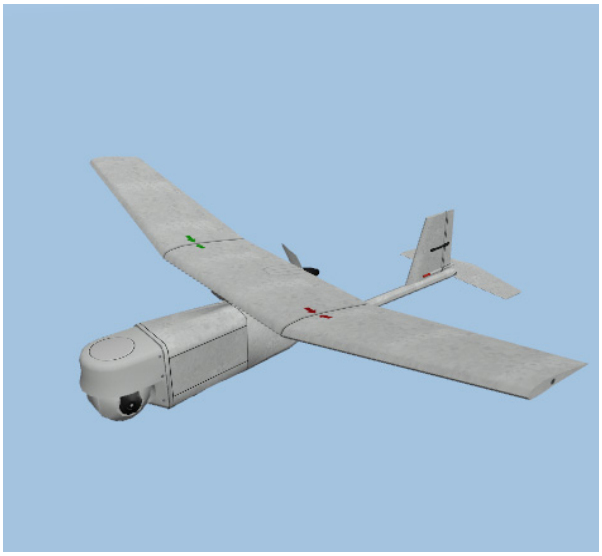
- 1:1:2:225:5:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 251.9444444444 m/s
- Ordered speed: 150 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: mad-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-heavy-bomber-bomb-bay.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: naval-depth-charge-deployment.sysdef
  - weapon-5: Homing-torpedo-fwd-launcher.sysdef
  - weapon: fixed-harpoon-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.132. RDE KZO



- 1:1:2:78:50:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 61.11111111111 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.133. RQ-11 Raven UAV



- 1:1:2:225:50:27:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 41.666667 m/s
- Ordered speed: 15.777778 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: visual-sensor.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.134. RQ-4 Global Hawk UAV

- 1:1:2:225:50:6:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 133.888889 m/s
- Ordered speed: 159.944444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

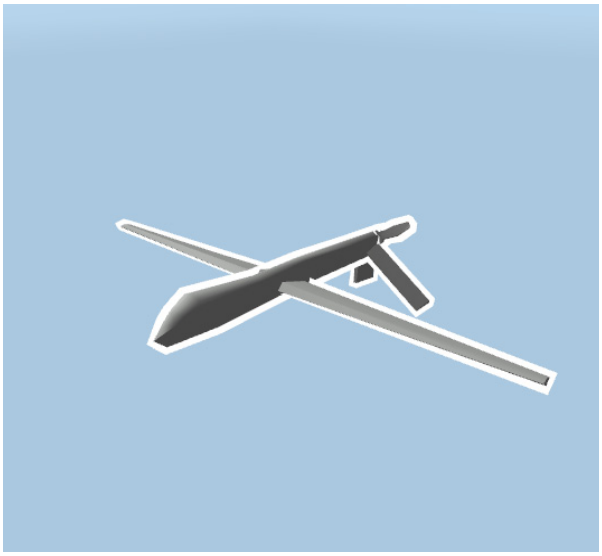
1.3.135. RQ-7 Shadow UAV

- 1:1:2:225:50:8:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 56.666667 m/s
- Ordered speed: 36.333334 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: visual-sensor.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 16
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 5

1.3.136. Rafale B

- 1:1:2:71:1:5:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 617.5 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: fixed-sidewinder-missile-launcher.sysdef
  - weapon-5: fixed-amraam-missile-launcher.sysdef
  - weapon: exocet-cruise-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.137. SAGEM Sperwer



- 1:1:2:71:50:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 46.30555555556 m/s
- Ordered speed: 33.33333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.138. SU-22M-4 Fitter-K

- 1:1:2:222:2:6:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 388.8888888889 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.139. SU-24M Fencer D

- 1:1:2:222:2:7:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 459.4444444444 m/s
- Ordered speed: 333.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.140. SU-25 Frogfoot

- 1:1:2:222:2:8:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 265 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.141. SU-27 Flanker

- 1:1:2:222:1:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-3: GSh-301-cannon.sysdef
  - weapon: CIS-air-defense-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.142. SU-33 Flanker D

- 1:1:2:222:1:20:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 638.8888888889 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.143. SU-34 Fullback

- 1:1:2:222:2:13:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 527.7777777778 m/s
- Ordered speed: 361.1111111111 m/s
- Systems:
  - SU-34 Fullback-movement: fixed-wing-fighter-jet.sysdef
  - SU-34 Fullback-other: spot-report-generator.sysdef
  - damage: fixed-wing-default.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.144. SU-35 Flanker E

- 1:1:2:222:2:11:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 666.6666666667 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: CIS-air-defense-missile-package.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.145. SU-37 Flanker

- 1:1:2:222:2:9:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 265 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

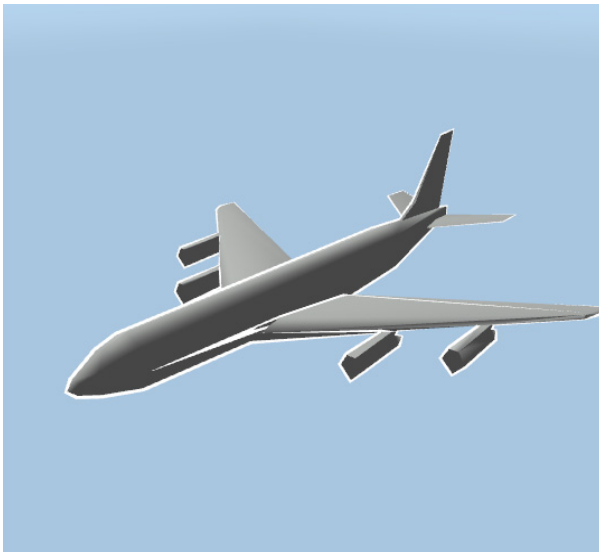
1.3.146. SU-57 Felon

- 1:1:2:222:1:17:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 591.6666666667 m/s
- Ordered speed: 333.3333333333 m/s
- Systems:
  - SU-57 Felon-weapon-3: CIS-air-defense-missile-package.sysdef
  - SU-57 Felon-weapon: GSh-301-cannon.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuverability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: tacan-transmitter.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.147. ScanEagle UAV

- 1:1:2:225:50:25:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 38.611111 m/s
- Ordered speed: 15.777778 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: visual-sensor.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 1

1.3.148. Sentinel R1



- 1:1:2:224:8:5:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 263.8888887778 m/s
- Ordered speed: 251.9444441112 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 7

1.3.149. Shaanxi KJ-500

- 1:1:2:45:8:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 152.7777777778 m/s
- Ordered speed: 152.7777777778 m/s
- Systems:
  - Shaanxi KJ-500-sensor: airborne-targeting-radar.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.150. Shenyang J-11 Flanker

- 1:1:2:45:1:6:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 666.6666666667 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.151. Shenyang J-15 Flanker D

- 1:1:2:45:1:6:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 667.5 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.152. Shenyang J-31 Gyrfalcon

- 1:1:2:45:1:8:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 611.1111111111 m/s
- Ordered speed: 222.2222222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.153. Shenyang J-8 Finback

- 1:1:2:45:1:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 666.6666666667 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
  - weapon-4: GSh-301-cannon.sysdef
  - weapon: CIS-attack-strike-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.154. T-38C Talon

- 1:1:2:225:40:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

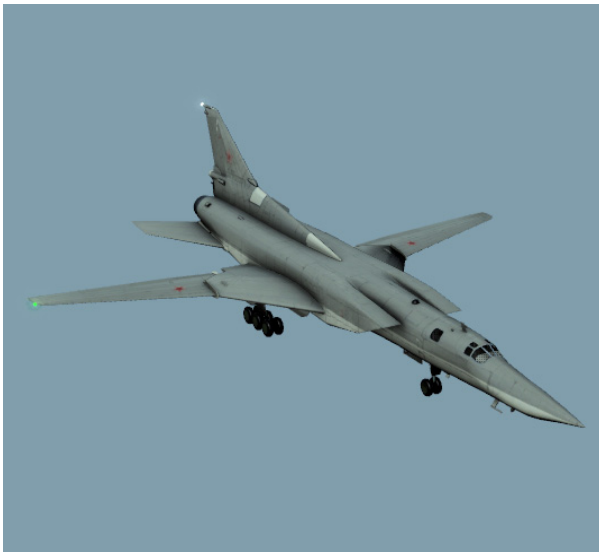
1.3.155. Tornado ADV

- 1:1:2:224:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 666.6666666667 m/s
- Ordered speed: 300 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.156. Tu-160 Blackjack

- 1:1:2:222:3:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 616.6666666667 m/s
- Ordered speed: 266.6666666667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: cis-counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-fighter-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.157. Tu-22M Backfire



- 1:1:2:222:3:3:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 419.4444444444 m/s
- Ordered speed: 277.7777777778 m/s
- Systems:
  - Tu-22M Backfire-movement: fixed-wing-heavy.sysdef
  - Tu-22M Backfire-weapon: CIS-heavy-bomber-bomb-bay.sysdef
  - damage: fixed-wing-default.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.158. Tu-95 Bear E

- 1:1:2:222:3:5:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 256.9444444444 m/s
- Ordered speed: 197.2222222222 m/s
- Systems:
  - Tu-95 Bear E-weapon-2: exocet-cruise-missile-launcher.sysdef
  - Tu-95 Bear E-weapon: CIS-heavy-bomber-bomb-bay.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 5

1.3.159. Ultralight Trike

- 1:1:2:225:81:1:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 83.88888888889 m/s
- Ordered speed: 62.77777777778 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.160. Xian H-6 Badger

- 1:1:2:45:3:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 213.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: exocet-cruise-missile-launcher.sysdef
  - weapon-3: CIS-heavy-bomber-bomb-bay.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.161. Xian H-6U Badger Tanker

- 1:1:2:45:4:6:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 213.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: wing-tip-drogue-refueling-supplier.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon: US-heavy-bomber-bomb-bay.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.3.162. Xian JH-7

- 1:1:2:45:2:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 502.2222222222 m/s
- Ordered speed: 211.1111111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: spot-report-generator.sysdef
  - sensor: airborne-targeting-radar.sysdef
  - weapon-2: fixed-sidewinder-missile-launcher.sysdef
  - weapon-3: US-fighter-bomber-bomb-bay.sysdef
  - weapon-4: exocet-cruise-missile-launcher.sysdef
  - weapon: fixed-maverick-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.3.163. Xian KJ-2000 Mainring

- 1:1:2:45:8:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 236.1111111111 m/s
- Ordered speed: 160 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.164. Yak-130 Mitten

- 1:1:2:222:40:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 294.4444444444 m/s
- Ordered speed: 236.1111111111 m/s
- Systems:
  - Yak-130 Mitten-weapon-2: CIS-fighter-bomber-bomb-bay.sysdef
  - Yak-130 Mitten-weapon: CIS-attack-strike-missile-package.sysdef
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other: iff-transponder.sysdef
  - sensor: airborne-targeting-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 50
  - visual-signature: 4

1.4. Ground Vehicle

1.4.1. 2S1 Gvozdika

- 1:1:1:222:4:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 14.72222233333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

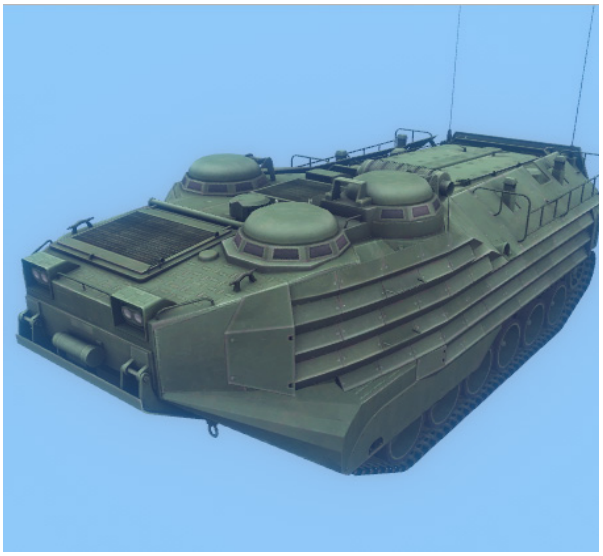
1.4.2. 2S19 Msta-S

- 1:1:1:222:4:26:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.3. 2S35 Kolitsiya SV

- 1:1:1:222:4:26:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.4. AAVC7A1 Landing Vehicle



- 1:1:1:225:2:26:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracks-amphib-ious.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.5. AHS Krab Howitzer

- 1:1:1:175:4:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

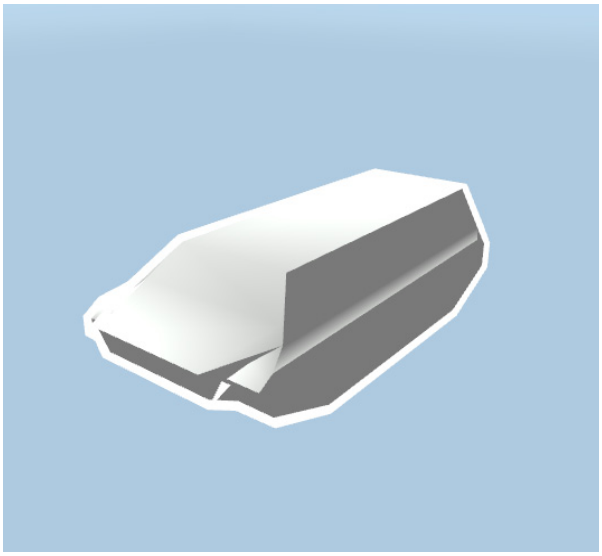
1.4.6. AMX-10RC

- 1:1:1:71:2:6:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.7. AMX-30 MBT

- 1:1:1:71:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.8. AMX-30D



- 1:1:1:71:3:3:0:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

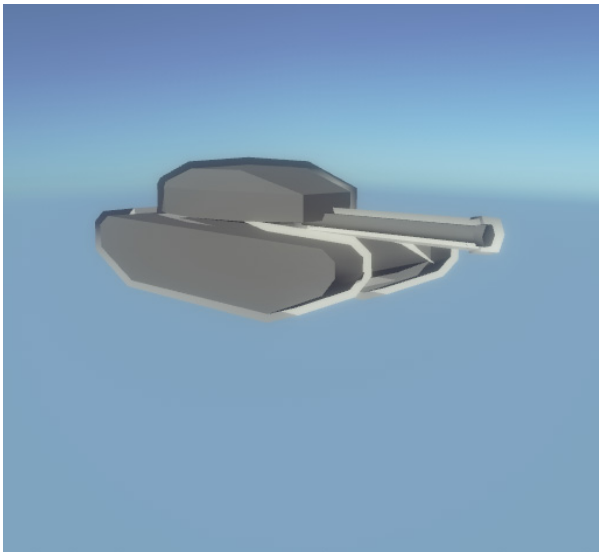
1.4.9. AMX-56 Leclerc MBT

- 1:1:1:71:1:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.10. AN/MPQ-64 Phased Array SHORAD Radar

- 1:1:1:225:28:6:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: patriot-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.11. AN/TPY-2 Radar

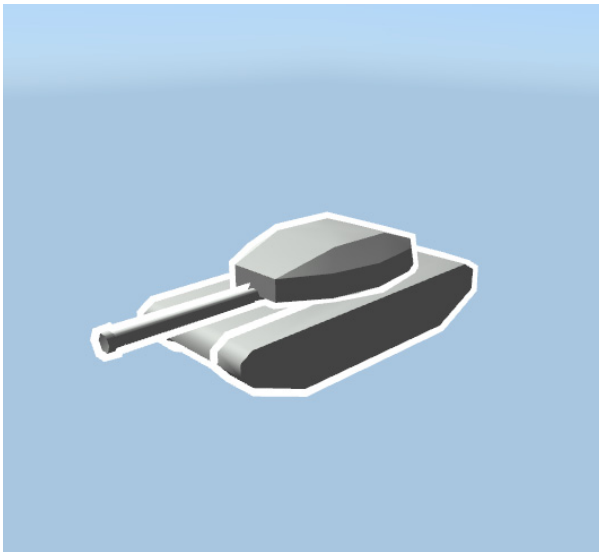


- 1:1:1:225:28:4:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: radar-munition-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.12. AS-90 Artillery

- 1:1:1:224:4:7:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 14.72222233333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.13. ASCOD Ulan AIFV



- 1:1:1:14:2:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.14. ASLAV-25

- 1:1:1:13:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.15. ASTROS II MLRS

- 1:1:1:29:4:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.16. ATF Dingo

- 1:1:1:78:3:11:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.17. AUF1 155mm Howitzer

- 1:1:1:71:4:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.18. AZP S-60

- 1:1:1:222:28:13:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 14_5mm-quad-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 1

1.4.19. Aardvark JSFU

- 1:1:1:224:12:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

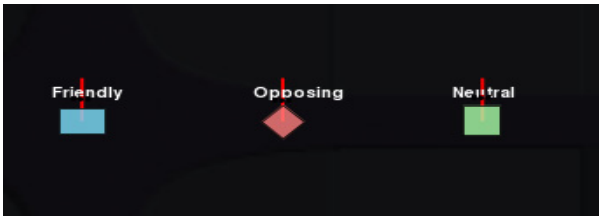
1.4.20. Achzarit APC

- 1:1:1:105:7:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.21. Actros AHSVS

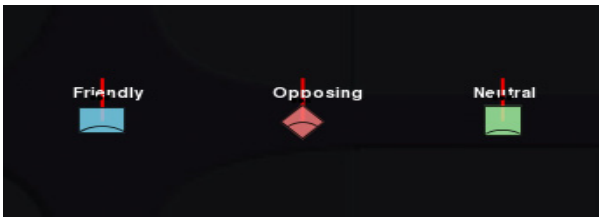
- 1:1:1:78:7:5:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - Actros AHSVS-other: articulated-trailer.sysdef
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.22. Air Defense Artillery Platoon (RUS) SA-9



- 3:11:1:222:3:28:0:0
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.23. Air Defense Artillery Platoon (USA) Avenger



- 3:11:1:225:3:28:0:0
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.24. Aircraft Baggage Conveyor

- 1:1:1:225:84:90:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.25. Aircraft Baggage Truck

- 1:1:1:225:83:30:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.26. Aircraft Baggage Wagon

- 1:1:1:225:83:30:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.27. Aircraft Catering Truck

- 1:1:1:225:27:0:0:28
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.28. Aircraft Follow Me Car

- 1:1:1:225:81:42:40:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.29. Aircraft High Loader Dolly

- 1:1:1:225:83:30:0:4
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.30. Aircraft Mobile Stairs

- 1:1:1:225:83:30:0:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

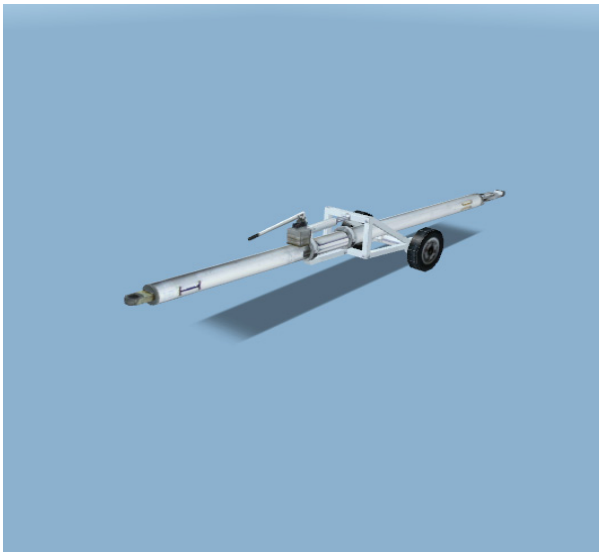
1.4.31. Aircraft Tow Tractor 1

- 1:1:1:225:83:30:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.32. Aircraft Tow Tractor 2

- 1:1:1:225:83:30:0:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.33. Aircraft Towbar



- 1:1:1:225:83:30:0:8
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

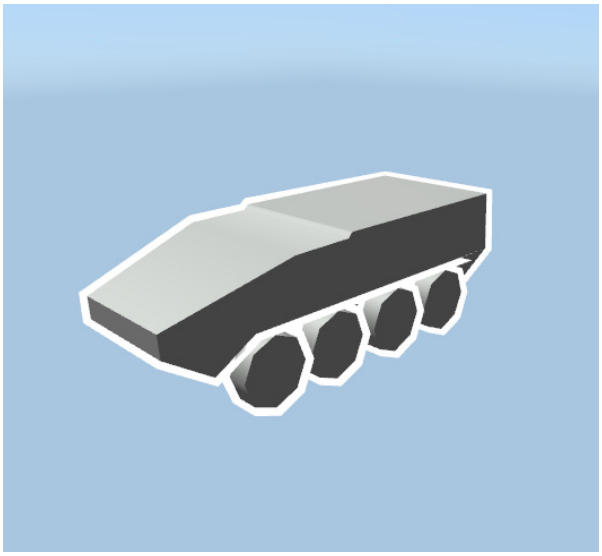
1.4.34. Airport Bus

- 1:1:1:225:82:17:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.35. Ambulance

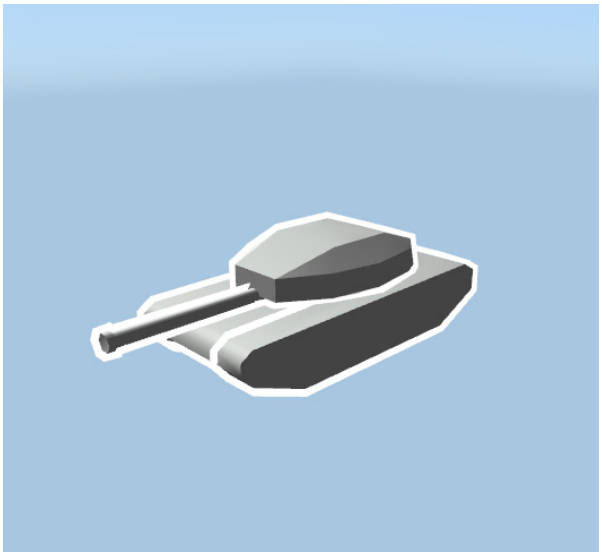
- 1:1:1:225:84:1:1:3
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.36. Aravis MRAP



- 1:1:1:71:3:4:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.37. Arjun MBT



- 1:1:1:99:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

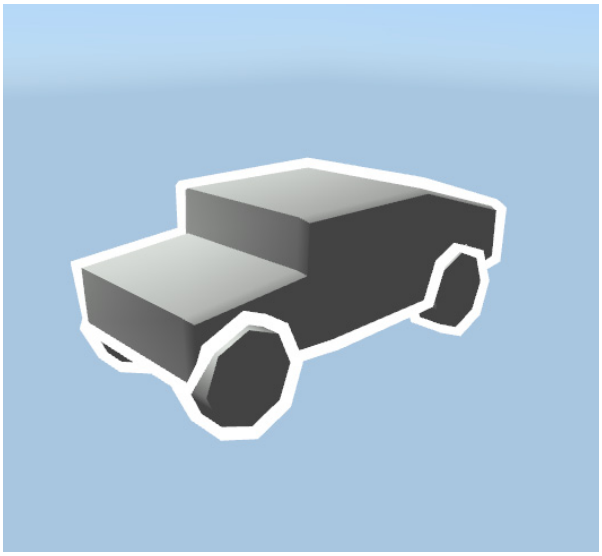
1.4.38. Armored Recon Platoon (RUS) BMP2

- 3:11:1:222:3:6:0:49
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - vehicle-platoon-enable: vehiclePlatoonScriptEnable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.39. Auto Rickshaw

- 1:1:1:225:84:150:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.40. Auverland A4 AVL



- 1:1:1:71:3:3:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.41. BAZ-69092 Tow Vehicle

- 1:1:1:222:7:41:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.42. BM-21 2B17

- 1:1:1:222:4:13:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.43. BMD-2 IFV

- 1:1:1:222:2:11:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - BMD-2 IFV-other: airdrop-capable.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.44. BMD-3 IFV

- 1:1:1:222:2:11:7:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - BMD-2 IFV-other: airdrop-capable.sysdef
  - BMD-3 IFV-other: m250-smoke-grenade.sysdef
  - BMD-3 IFV-sensor: infrared-sensor.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.45. BMP-1 AFV

- 1:1:1:222:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.46. BMP-2 AFV

- 1:1:1:222:2:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.47. BMP-3 AFV

- 1:1:1:222:2:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.48. BTR-60 APC

- 1:1:1:222:2:8:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - BTR-60 APC-movement: ground-wheels-off-road.sysdef
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

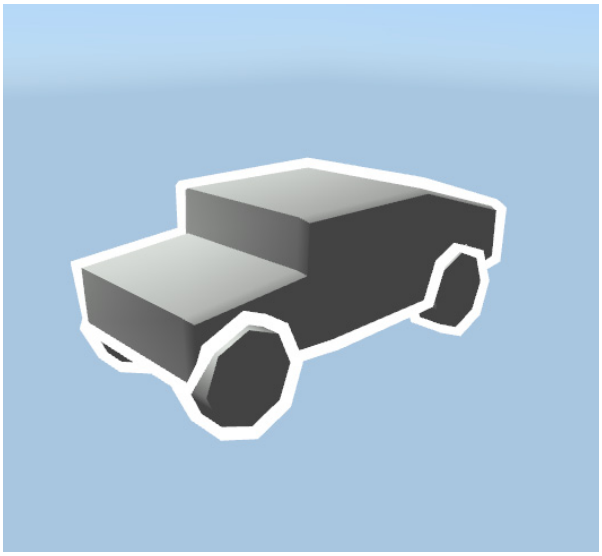
1.4.49. BTR-80 APC

- 1:1:1:222:2:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.50. BTR-90 APC

- 1:1:1:222:2:16:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.51. BV206 SUSV

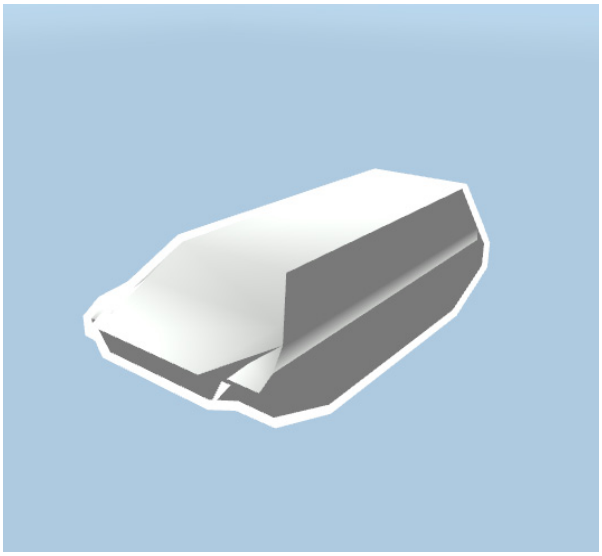


- 1:1:1:205:8:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.21111111111 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.52. Badger AEV

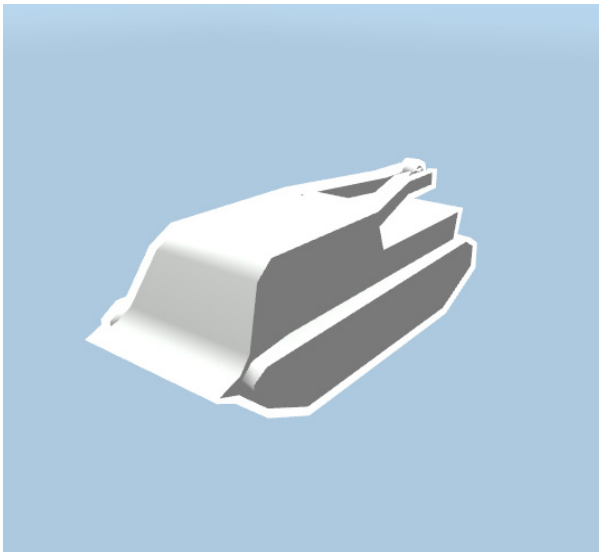
- 1:1:1:78:3:15:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.53. Bandvagn 206



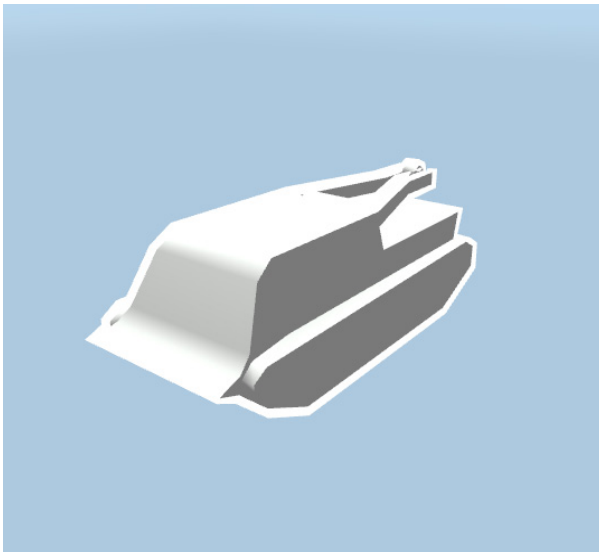
- 1:1:1:205:9:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.54. Beaver AVLB



- 1:1:1:78:3:16:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.55. Bergepanzer 2 ARV



- 1:1:1:78:3:9:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.56. Bison APC

- 1:1:1:39:2:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - Bison APC-movement: ground-wheels-off-road.sysdef
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.57. Box Truck Graffiti

- 1:1:1:225:81:70:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.58. Box Truck

- 1:1:1:225:81:70:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.59. Buffalo ARV

- 1:1:1:78:3:9:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.60. Buffalo MRAP III

- 1:1:1:225:3:28:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.61. Bulldozer

- 1:1:1:225:27:0:0:59
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

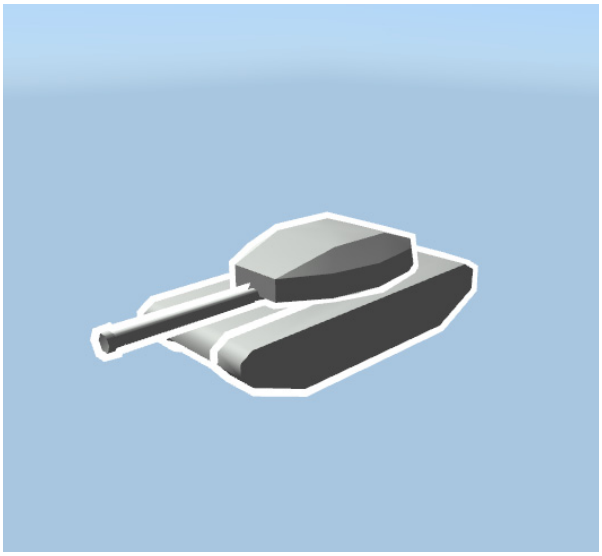
1.4.62. Bus

- 1:1:1:225:82:0:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.63. Bushmaster PMV

- 1:1:1:13:3:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.64. C1 Ariete MBT

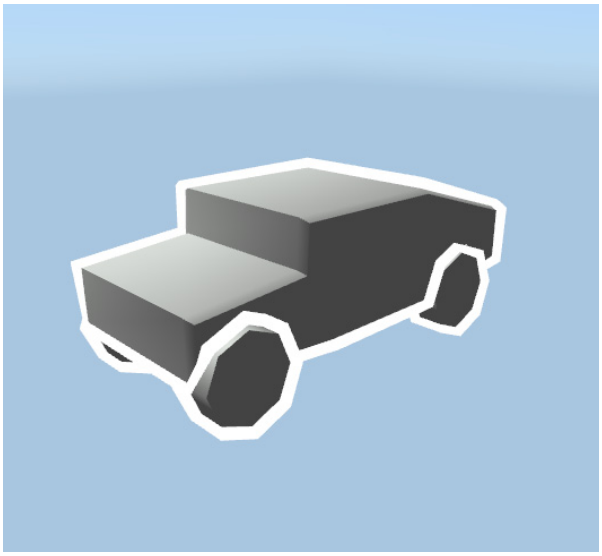


- 1:1:1:106:1:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.65. CAESAR SP Howitzer

- 1:1:1:71:4:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 27.777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.66. CUCV II

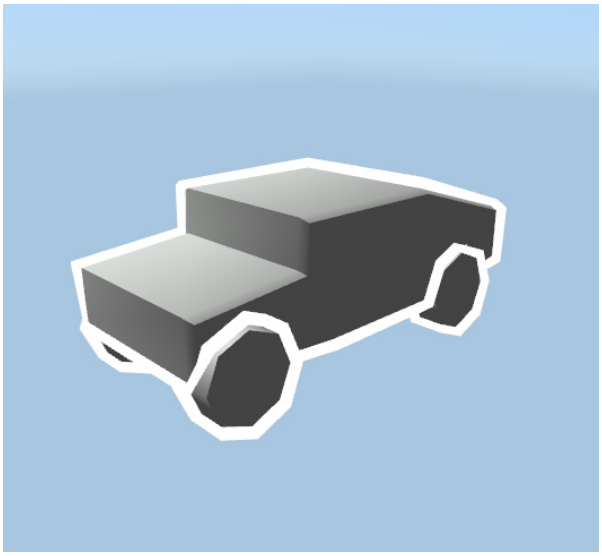


- 1:1:1:225:6:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 37.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.67. CV9035 AFV

- 1:1:1:205:2:1:16:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.68. Cadillac Gage Commando V-150



- 1:1:1:225:2:19:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 30mm-gun.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.69. Car Bomb

- 1:1:1:225:27:0:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.70. Centauro B1

- 1:1:1:106:1:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.71. Chevrolet Caprice

- 1:1:1:225:81:43:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

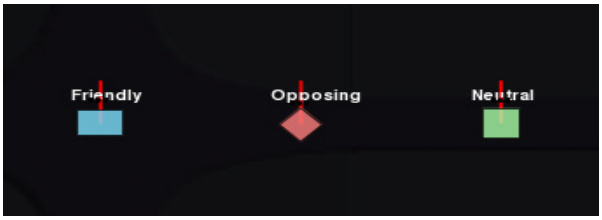
1.4.72. Civilian Vehicle

- 1:257:0:0:0:0:0:1

1.4.73. Club K Container Missile Launcher

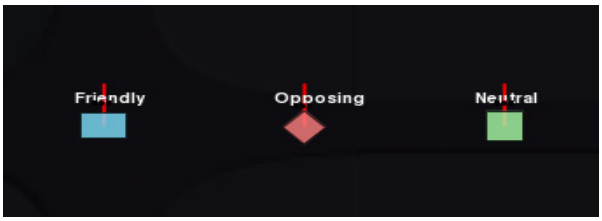
- 1:1:1:222:28:26:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-21-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.74. Combat Service Support Platoon (RUS)



- 3:11:1:222:3:31:0:0
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.75. Combat Service Support Platoon (USA)



- 3:11:1:225:3:31:0:0
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.76. Combat Service Support Section (USA)

- 3:11:1:225:14:31:0:0
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

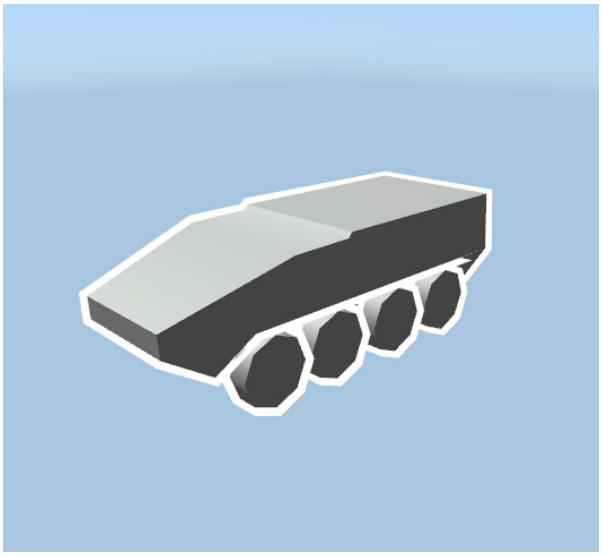
1.4.77. Commercial Medium Truck

- 1:1:1:225:81:70:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.78. Cougar FSV

- 1:1:1:39:2:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.79. Coyote APC

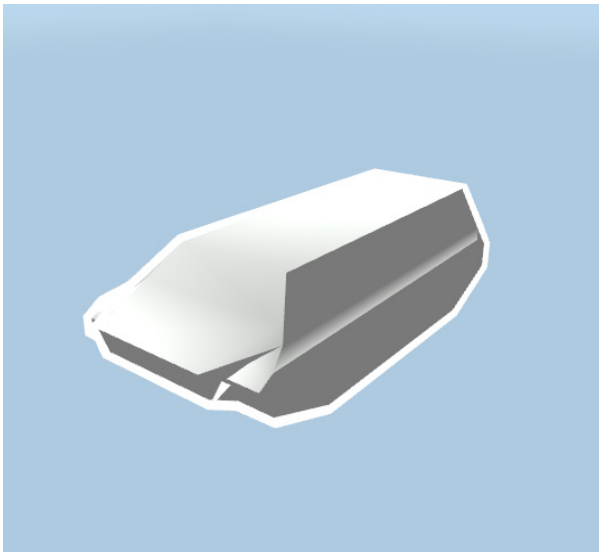


- 1:1:1:39:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.80. Coyote TSV 6x6

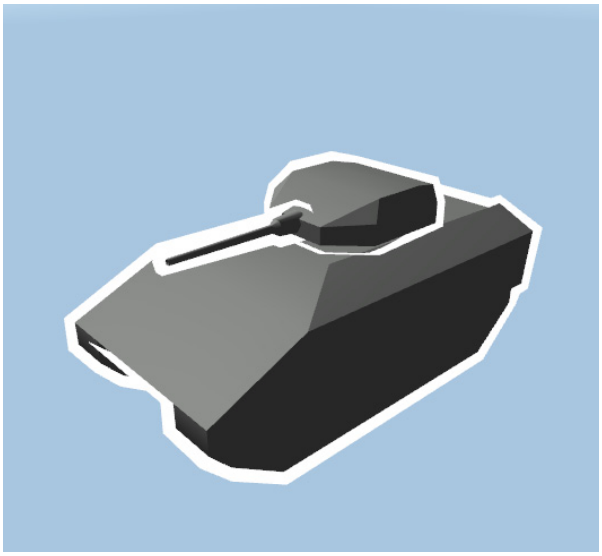
- 1:1:1:224:7:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 2

1.4.81. DNG/DCL



- 1:1:1:71:3:3:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.82. Dardo IFV



- 1:1:1:106:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 25mm-gun.sysdef
  - weapon-3: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

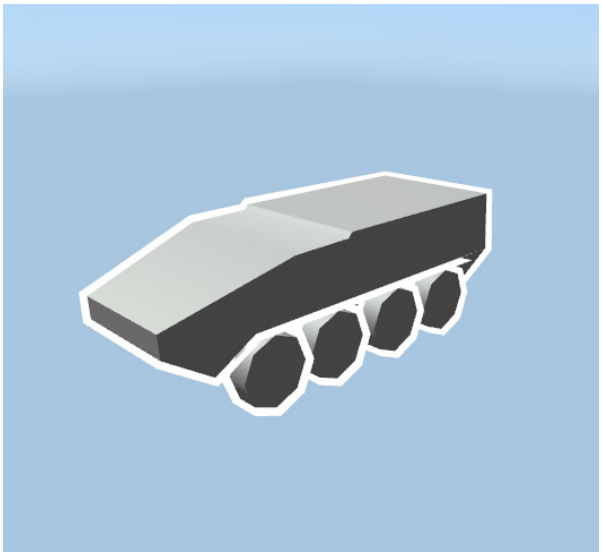
1.4.83. EE-9 Cascavel

- 1:1:1:29:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.84. EPP-III Patriot Power Generator

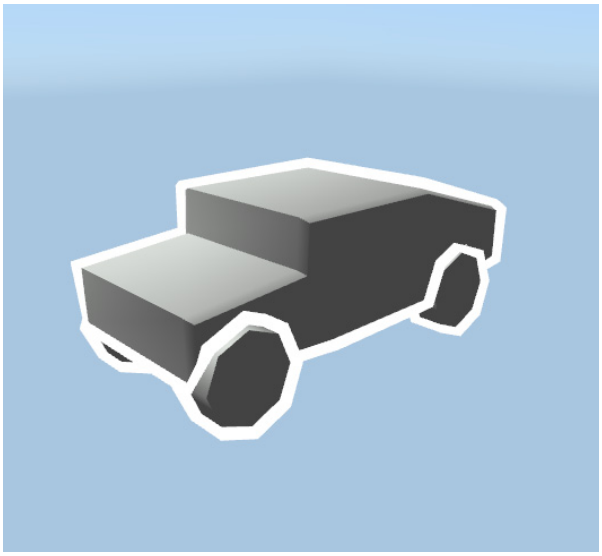
- 1:1:1:225:28:2:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.85. ERC 90 Sagaie



- 1:1:1:71:2:2:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.86. ESK Mungo



- 1:1:1:78:3:14:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.87. Economy Compact Size Sedan

- 1:1:1:78:81:43:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.88. FGM-148 Javelin Tripod

- 1:5:1:225:9:1:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: javelin-missile-launcher-with-turret.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.89. FV 510 Warrior

- 1:1:1:224:2:8:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 21.10777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - FV 510 Warrior-weapon: 30mm-gun.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.90. FV101 Scorpion CVR

- 1:1:1:224:2:13:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.91. FV107 Scimitar

- 1:1:1:224:2:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

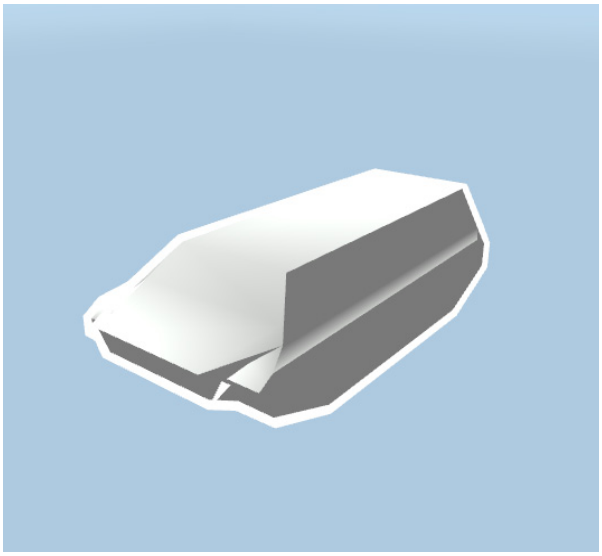
1.4.92. FV4030/4 Challenger MBT

- 1:1:1:224:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.93. FV4034 Challenger 2 MBT

- 1:1:1:224:1:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.94. FV432 APC



- 1:1:1:224:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 14.71888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.95. Federal Express Truck

- 1:1:1:225:27:0:0:58
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

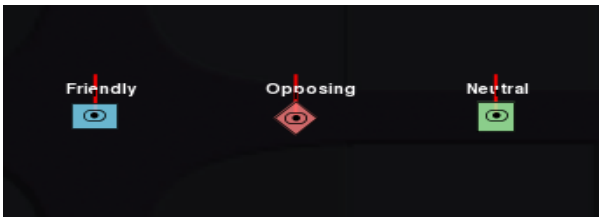
1.4.96. Fennek

- 1:1:1:78:2:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 31.94444444444 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.97. Fiat 124

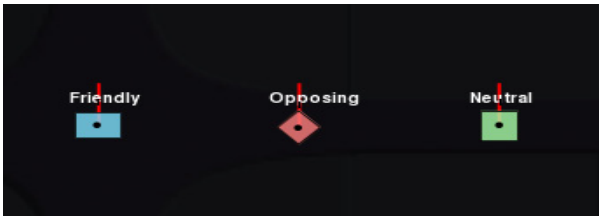
- 1:1:1:106:81:42:10:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.98. Field Artillery Battery (USA) M109



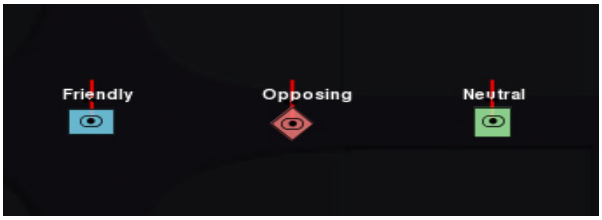
- 3:11:1:225:4:8:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.99. Field Artillery Battery (USA) M777



- 3:11:1:225:4:7:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.100. Field Artillery Headquarters Section (USA)



- 3:11:1:225:14:7:1:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

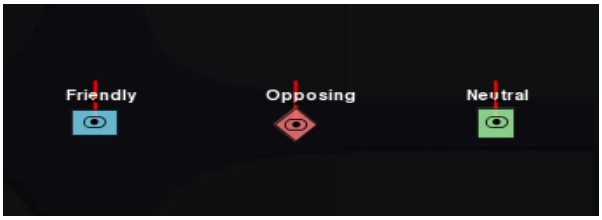
1.4.101. Field Artillery Platoon (USA) M109

- 3:11:1:225:3:8:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.102. Field Artillery Platoon (USA) M777

- 3:11:1:225:3:7:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.103. Field Artillery Section (USA) M109



- 3:11:1:225:14:8:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.104. Field Artillery Section (USA) M777

- 3:11:1:225:14:7:0:0
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: unit-artillery-provide-indirect-fire.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.105. Fire Engine

- 1:1:1:225:84:11:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 6

1.4.106. Food Truck

- 1:1:1:225:83:0:0:48
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

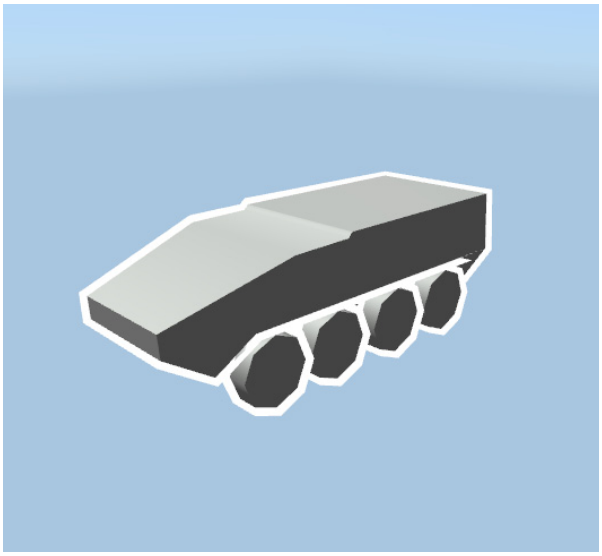
1.4.107. Ford Aircraft Oil Truck

- 1:1:1:225:27:0:0:35
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.108. Ford Escape SUV

- 1:1:1:225:81:113:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 44.65555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.109. Freccia IFV



- 1:1:1:106:2:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.16666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 25mm-gun.sysdef
  - weapon-3: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

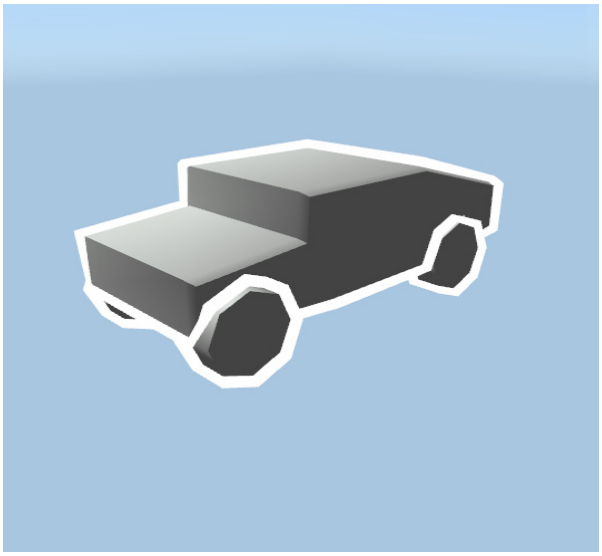
1.4.110. Fuchs APC

- 1:1:1:78:3:8:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.16666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.111. Fuel Tanker Trailer

- 1:1:1:225:27:0:0:36
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: articulated-trailer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 6

1.4.112. G-Wagen



- 1:1:1:78:6:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 55.93333333333 m/s
- Ordered speed: 26.66666666667 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.113. GAZ-2330 SPM Tigr-M

- 1:1:1:222:6:0:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 34.72222222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.114. GAZ-233114 AMN Tigr-M

- 1:1:1:222:6:0:0:4
- Systems:
  - weapon: M2-machine-gun.sysdef

1.4.115. GAZ-233115 Tigr-M

- 1:1:1:222:6:0:0:3
- Systems:
  - weapon-2: MK-19-automatic-grenade-launcher.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef

1.4.116. GAZ-2975 Tigr-M

- 1:1:1:222:6:0:0:1
- Systems:
  - weapon: M240-7_62mm-mach-gun.sysdef

1.4.117. GAZ-66 Truck

- 1:1:1:222:7:8:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-1: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.118. GAZ-69 Utility Vehicle

- 1:1:1:222:6:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

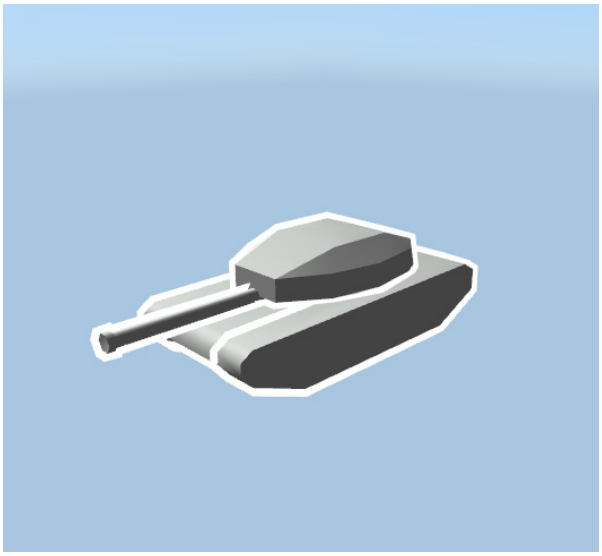
1.4.119. GTK Boxer APC

- 1:1:1:78:3:10:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.120. GTK Boxer CRV

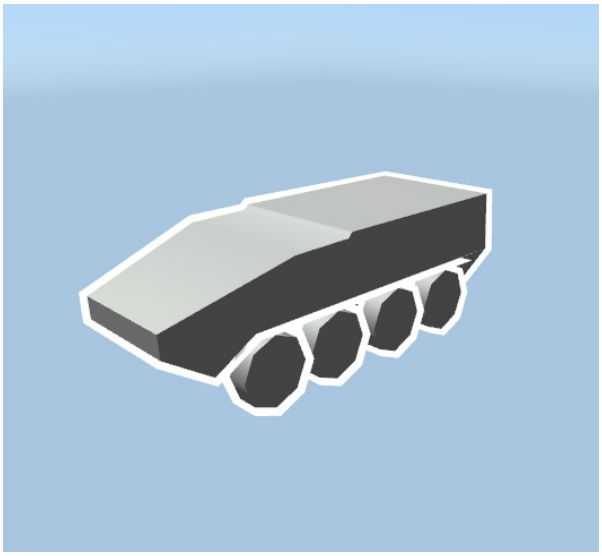
- 1:1:1:78:3:10:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: 30mm-gun.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.121. Green Pine Radar



- 1:1:1:105:28:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: radar-munition-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.122. Grizzly APC



- 1:1:1:39:2:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.123. HMMWV with Avenger

- 1:1:1:225:28:5:4:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: stinger-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.124. HQ-2 Launcher

- 1:1:1:45:28:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-21-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

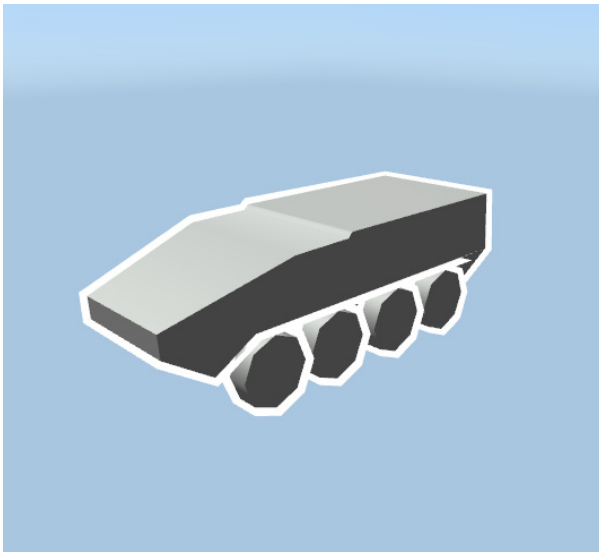
1.4.125. HQ-9 Self Propelled TEL

- 1:1:1:45:28:7:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - HQ-9 Self Propelled TEL-movement: ground-wheels-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-21-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.126. Hawkei Protected Mobility Vehicle

- 1:1:1:13:6:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.127. Husky ARV



- 1:1:1:39:2:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.128. IED 5 Gallon Container

- 1:2:8:0:3:3:10:18
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.129. IED Ammonium Nitrate Bags

- 1:2:8:0:3:3:10:19
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.130. IED Artillery Shell

- 1:2:8:0:3:3:10:20
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.131. IED Bag in Ground

- 1:2:8:0:3:3:10:21
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.132. IED Cell Phone

- 1:2:8:0:3:3:10:0
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

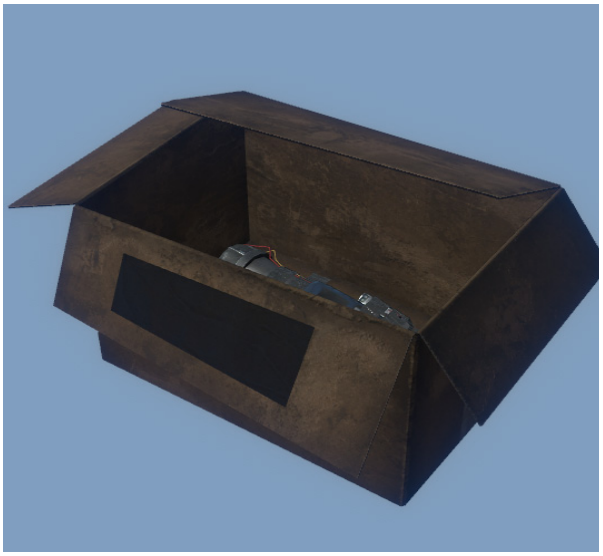
1.4.133. IED Exposed Ordinance

- 1:2:8:0:3:3:10:15
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.134. IED Pile of Boxes Large

- 1:2:8:0:3:3:10:6
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.135. IED Pile of Boxes Single



- 1:2:8:0:3:3:10:4
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.136. IED Pile of Boxes Small

- 1:2:8:0:3:3:10:5
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.137. IED Pressure Cooker Silver

- 1:2:8:0:3:3:10:17
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.138. IED Pressure Cooker White

- 1:2:8:0:3:3:10:16
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

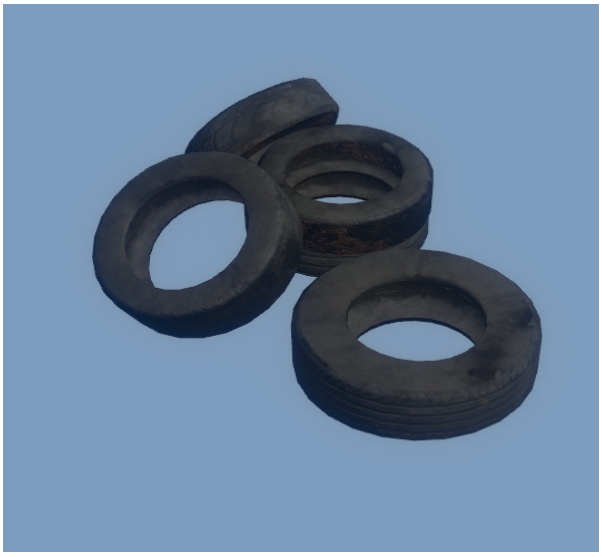
1.4.139. IED Tire Pile Box

- 1:2:8:0:3:3:10:14
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.140. IED Tire Pile Large

- 1:2:8:0:3:3:10:11
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.141. IED Tire Pile Medium

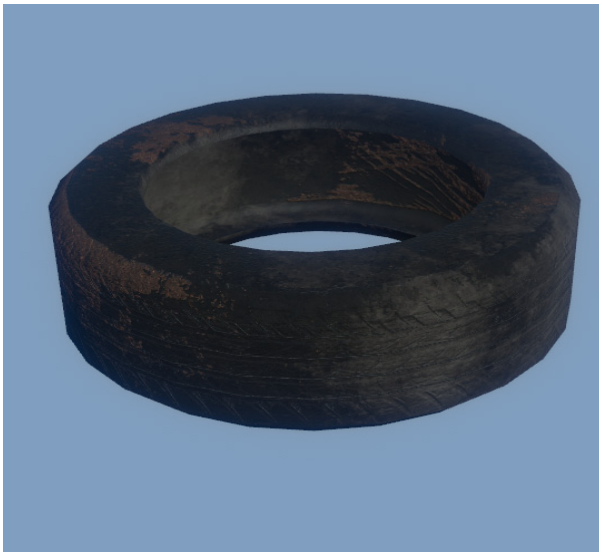


- 1:2:8:0:3:3:10:10
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.142. IED Tire Pile Rice Bags

- 1:2:8:0:3:3:10:13
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.143. IED Tire Pile Single



- 1:2:8:0:3:3:10:12
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.144. IED Tire Pile Small

- 1:2:8:0:3:3:10:9
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.145. IED Trash Bags Single

- 1:2:8:0:3:3:10:7
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.146. IED Trash Cans Single

- 1:2:8:0:3:3:10:8
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.147. IED Trash Pile Large

- 1:2:8:0:3:3:10:3
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.148. IED Trash Pile Medium

- 1:2:8:0:3:3:10:2
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.149. IED Trash Pile Small

- 1:2:8:0:3:3:10:1
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0.01

1.4.150. Iveco LMV

- 1:1:1:106:6:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 36.32222222222 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

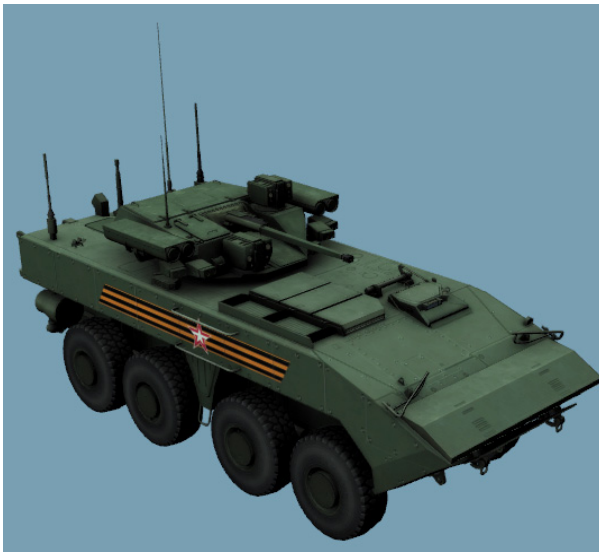
1.4.151. Jackal MWMIK

- 1:1:1:224:6:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 36.32222222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 2

1.4.152. Jingle Truck

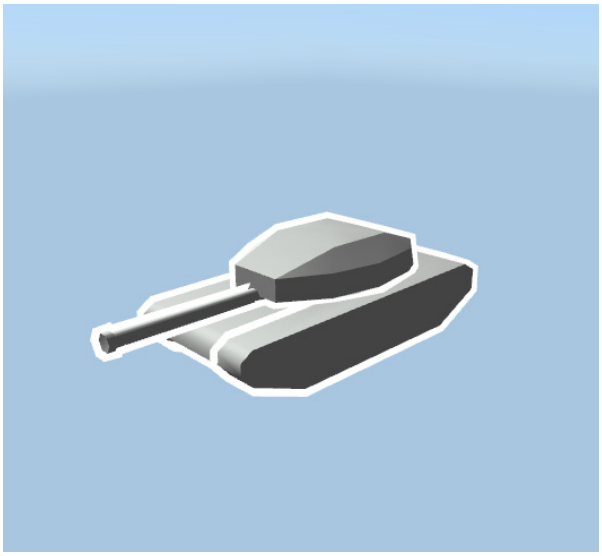
- 1:1:1:165:83:0:0:54
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.153. K-17 Bumerang IFV



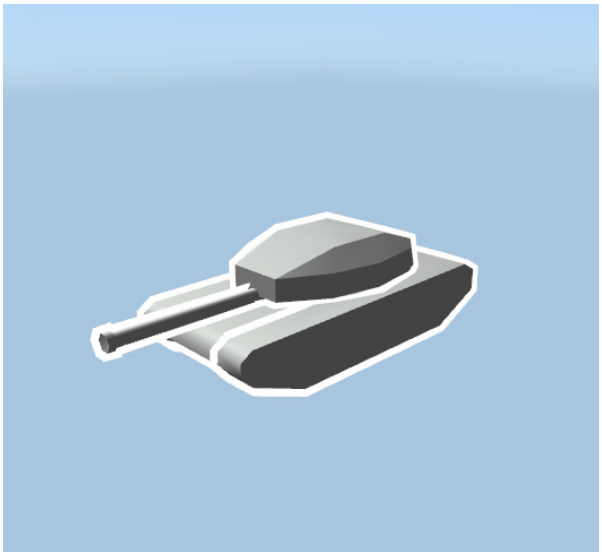
- 1:1:1:222:2:23:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - K-17 Bumerang IFV-movement: ground-wheels-off-road.sysdef
  - damage: ground-heavy-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.154. K1A1 MBT



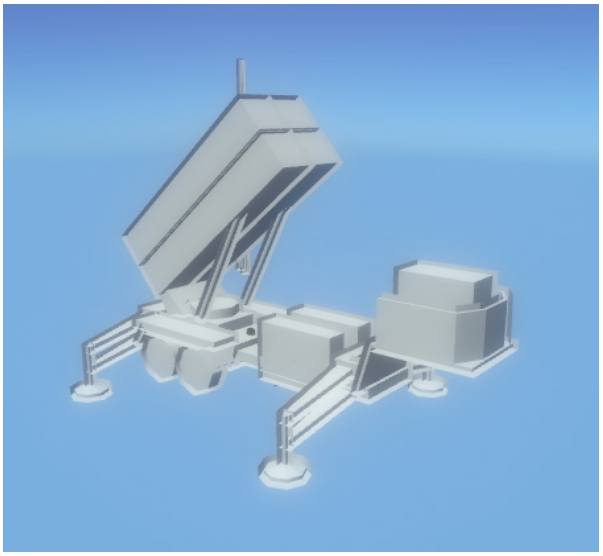
- 1:1:1:1205:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.155. KN-02 Hwasong-11 Launcher



- 1:1:1:119:4:10:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: kn-02-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.156. KN-08 Hwasong-13 Launcher



- 1:1:1:119:4:7:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: kn-08-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.157. Kornet D

- 1:1:1:222:6:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 38.88888888889 m/s
- Ordered speed: 22.22222222222 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: TOW-missile-launcher-with-turret.sysdef
  - weapon: TOW-missile-launcher-with-turret.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.158. L-118 Howitzer

- 1:1:1:224:5:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1.111111124096e-07 m/s
- Ordered speed: 0 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.159. LAPV Enok

- 1:1:1:78:3:15:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.38888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.160. LAV AT (Anti Tank)

- 1:1:1:225:2:41:4:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.161. LAV I AVGP Grizzly

- 1:1:1:206:2:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.162. LAV I AVGP Husky

- 1:1:1:206:2:1:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.163. LAV III APC

- 1:1:1:39:2:6:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.164. LAV-25

- 1:1:1:225:2:41:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.165. LAV-AD (Air Defense)

- 1:1:1:225:28:5:11:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.166. LAV-C2 (Command and Control)

- 1:1:1:225:2:41:7:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

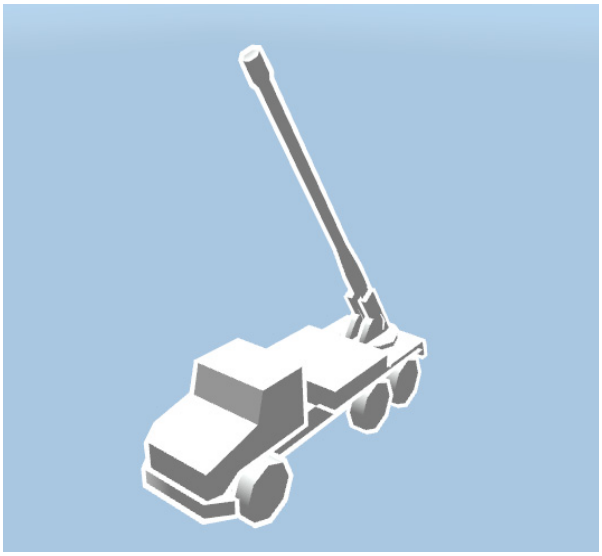
1.4.167. LAV-M (Mortar)

- 1:1:1:225:2:41:5:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M252-81mm-mortar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.168. LAV-R (Recovery)

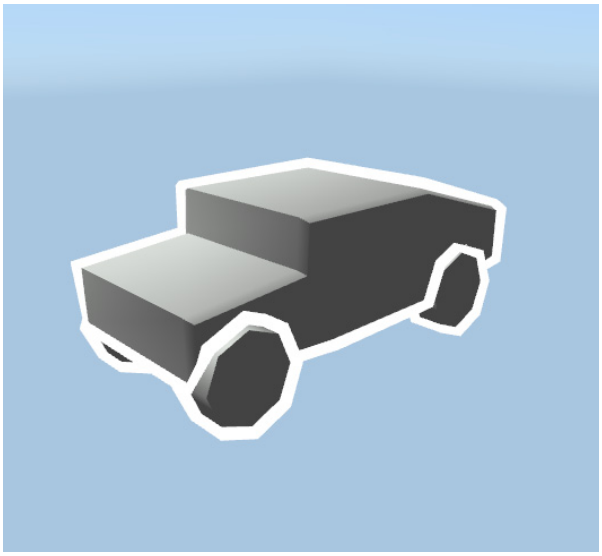
- 1:1:1:225:2:41:6:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.169. LG1 Howitzer



- 1:1:1:71:5:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.170. LIV (SO) Serval



- 1:1:1:78:6:1:12:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.171. Ladder Truck

- 1:1:1:225:84:11:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.172. Land Rover Wolf

- 1:1:1:224:6:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 44.65555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.173. Leopard 2 (POL)

- 1:1:1:175:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.174. Leopard 2 Tank

- 1:1:1:78:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.175. M-Gator ATV

- 1:1:1:225:6:26:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.21111111111 m/s
- Ordered speed: 2.777777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 2
  - visual-signature: 2

1.4.176. M1000 Heavy Equipment Trailer

- 1:1:1:225:19:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - M1000 Heavy Equipment Trailer-other: articulated-trailer.sysdef
  - MTVR Truck-other: car-doors.sysdef
  - MTVR Truck-sensor: visual-sensor.sysdef
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.177. M1025 HMMWV with M2

- 1:1:1:225:6:1:18:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.178. M1028 FMTV Canvas Cargo Truck

- 1:1:1:225:7:12:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

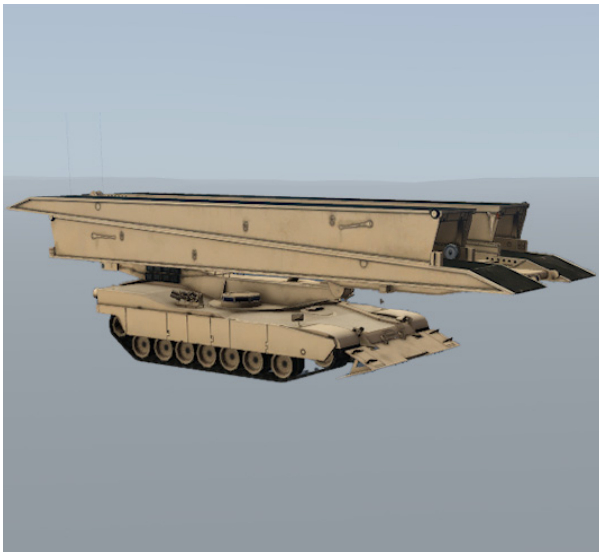
1.4.179. M1028 FMTV Cargo Truck w/ trailer

- 1:1:1:225:7:12:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1028 FMTV Cargo Truck w/ trailer-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: articulated-trailer.sysdef
  - other-5: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.180. M1037 HMMWV with Shelter

- 1:1:1:225:6:1:14:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.181. M104 Wolverine



- 1:1:1:225:3:4:5:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.182. M1046 HMMWV with TOW launcher

- 1:1:1:225:6:1:5:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: TOW-missile-launcher-with-turret.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.183. M1068 Command Post

- 1:1:1:225:3:13:0:0
- Can be embarked on: False
- Maximum speed: 27.77777777778 m/s
- Materially classified for SensorFX.

1.4.184. M1070 HET Truck

- 1:1:1:225:7:21:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - MTVR Truck-other: car-doors.sysdef
  - MTVR Truck-sensor: visual-sensor.sysdef
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.185. M1083A1 FMTV Flatbed Truck

- 1:1:1:225:7:12:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.80555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1083A1 FMTV Flatbed Truck-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.186. M1083A1 FMTV Troop Seat Flatbed Truck

- 1:1:1:225:7:12:8:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.80555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1083A1 FMTV Troop Seat Flatbed Truck-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.187. M1089A1 FMTV Wrecker

- 1:1:1:225:7:12:17:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.80555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1089A1 FMTV Wrecker-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.188. M109 Howitzer

- 1:1:1:225:4:3:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.189. M1117 Guardian ASV

- 1:1:1:225:2:31:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.05555555556 m/s
- Ordered speed: 16.66666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: MK-19-automatic-grenade-launcher.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

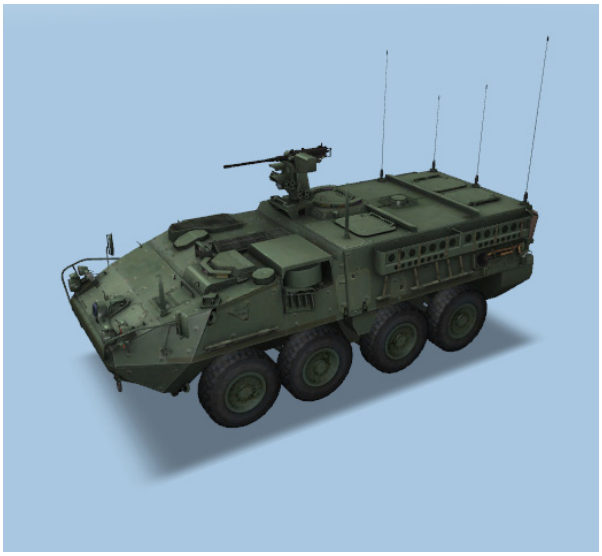
1.4.190. M1120 Palletized Loading System (PLS)

- 1:1:1:225:7:19:14:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.191. M1120A4 HEMTT LHS

- 1:1:1:225:7:19:16:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.192. M1126 Stryker ICV



- 1:1:1:225:2:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1126 Stryker ICV-other: aircraft-cargo-door.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.193. M1126 Stryker w/ M2

- 1:1:1:225:2:5:19:0
- Materially classified for SensorFX.
- Systems:
  - ifv-script-enable: M2-machine-gun.sysdef
  - weapon: M2-machine-gun.sysdef

1.4.194. M1126 Stryker w/ MK19

- 1:1:1:225:2:5:18:0
- Materially classified for SensorFX.
- Systems:
  - ifv-script-enable: MK-19-automatic-grenade-launcher.sysdef
  - weapon: MK-19-automatic-grenade-launcher.sysdef

1.4.195. M113 APC

- 1:1:1:225:2:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M113 APC-movement: ground-tracked.sysdef
  - M113 APC-other: aircraft-cargo-door.sysdef
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

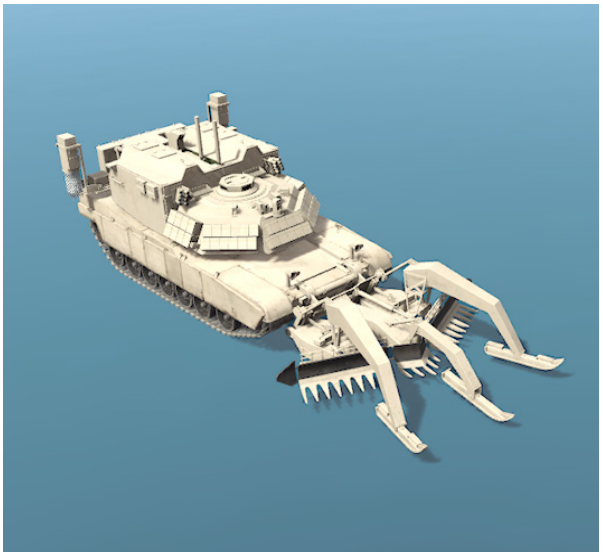
1.4.196. M1134 Stryker ATGM

- 1:1:1:225:2:5:31:0
- Materially classified for SensorFX.
- Systems:
  - ifv-script-enable: TOW-missile-launcher-with-turret.sysdef
  - weapon: TOW-missile-launcher-with-turret.sysdef

1.4.197. M1140 HIMARS ATACMS

- 1:1:1:225:4:24:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 13.88888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.198. M1150 ABV Abrams



- 1:1:1:225:3:31:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - M1150 ABV Abrams-sensor: infrared-sensor.sysdef
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.199. M1151 HMMWV ECAC

- 1:1:1:225:6:1:32:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1151 HMMWV ECAC-other: car-doors.sysdef
  - damage: ground-unar-mored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.200. M1157 FMTV Dump Truck

- 1:1:1:225:7:12:30:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.80555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1157 FMTV Dump Truck-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.201. M1157 FMTV Troop Seat Dump Truck

- 1:1:1:225:7:12:30:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 26.80555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1157 FMTV Troop Seat Dump Truck-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: car-doors.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.202. M1231 Husky Mk III VMMD

- 1:1:1:225:13:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.203. M1278 JLTV-GP

- 1:1:1:225:6:30:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.204. M142 HIMARS

- 1:1:1:225:4:24:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 13.88888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.205. M1977 Common Bridge Transport (CBT)

- 1:1:1:225:7:19:13:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.206. M198 Howitzer

- 1:1:1:225:5:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1.111111124096e-07 m/s
- Ordered speed: 0 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.207. M1A1 AIM (AUS) Mineplow

- 1:1:1:13:1:1:5:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m1a2-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.208. M1A1 AIM (AUS)

- 1:1:1:13:1:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m1a2-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.209. M1A1 SA Abrams Mineplow

- 1:1:1:225:1:1:13:2

1.4.210. M1A1 SA Abrams Mineroller

- 1:1:1:225:1:1:13:1
- Systems:
  - other-5: articulated-mineroller.sysdef

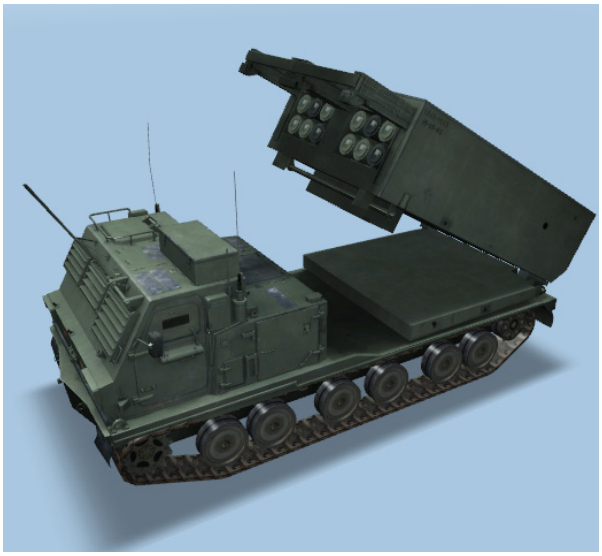
1.4.211. M1A1 SA Abrams

- 1:1:1:225:1:1:13:0

1.4.212. M1A2 Abrams MBT

- 1:1:1:225:1:1:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M1A2 Abrams MBT-sensor: infrared-sensor.sysdef
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - weapon: m1a2-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.213. M270 MLRS



- 1:1:1:225:4:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.214. M2A2 Bradley IFV

- 1:1:1:225:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.215. M2A3 Bradley (IFV)

- 1:1:1:225:2:1:9:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.216. M35 Truck

- 1:1:1:225:7:1:6:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.217. M3A2 Bradley CFV

- 1:1:1:225:2:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - request-fire-support: request-fire-support.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

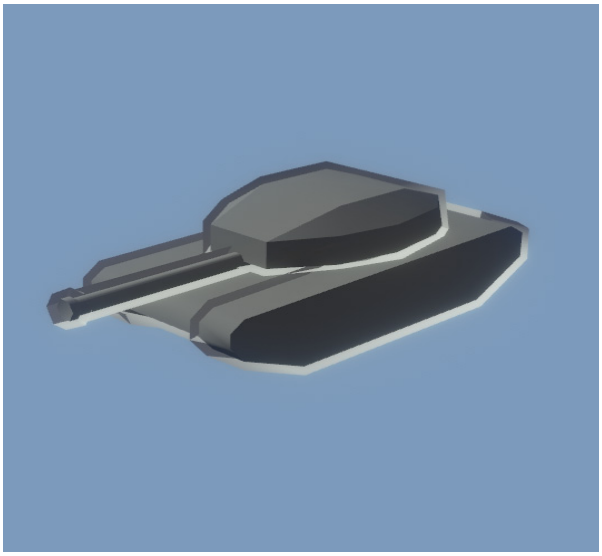
1.4.218. M577A2 Command Post

- 1:1:1:225:3:11:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - M577A2 Command Post-movement: ground-tracked.sysdef
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.219. M60T Sabra MBT

- 1:1:1:225:1:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - M60T Sabra MBT-other: m250-smoke-grenade.sysdef
  - M60T Sabra MBT-weapon: M2-machine-gun.sysdef
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.220. M7 BFIST



- 1:1:1:225:2:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m7-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.221. M88 Medium Recovery Vehicle

- 1:1:1:225:3:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.222. M9 ACE

- 1:1:1:225:3:6:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - M9 ACE-other: m250-smoke-grenade.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.223. M901 Patriot Launcher

- 1:1:1:225:28:2:2:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: patriot-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.224. M915 Tractor Truck

- 1:1:1:225:7:8:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.225. M939A2 5-Ton Truck

- 1:1:1:225:7:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.226. M977 HEMTT Cargo Truck

- 1:1:1:225:7:19:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.227. M978 HEMTT Fuel Truck

- 1:1:1:225:7:19:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.228. M983 HEMTT Patriot Tractor

- 1:1:1:225:7:19:3:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.229. M984 HEMTT Wrecker w/ M240B

- 1:1:1:225:7:19:4:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.230. M985 HEMTT Heavy Cargo

- 1:1:1:225:7:19:5:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.231. M992A2 FAASV

- 1:1:1:225:9:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.232. M993 MLRS

- 1:1:1:225:4:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.233. M997 HMMWV Ambulance

- 1:1:1:225:6:1:31:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - M997 HMMWV Ambulance-other: car-doors.sysdef
  - damage: ground-unar-mored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.234. M998 HMMWV Utility Vehicle

- 1:1:1:225:6:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

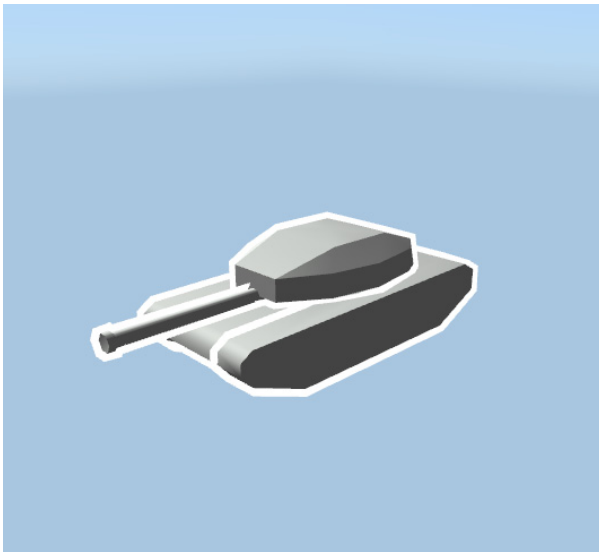
1.4.235. MAN HX

- 1:1:1:78:7:9:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.236. MAZ 543

- 1:1:1:222:7:29:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.237. MBT 2000

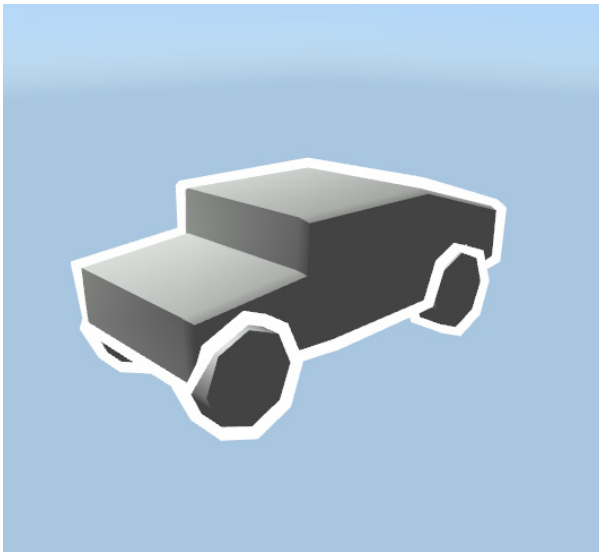


- 1:1:1:165:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.238. MEP 1050 Generator Trailer

- 1:1:1:225:16:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.239. MILCOTTS Silverado



- 1:1:1:225:27:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 55.93333333333 m/s
- Ordered speed: 26.66666666667 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.240. MIM-104 Patriot Launcher

- 1:1:1:225:28:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: patriot-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.241. MO-120RT-61 Mortar

- 1:1:1:71:10:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1 m/s
- Ordered speed: 1 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - weapon: M327-120mm-mortar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.242. MOWAG Duro

- 1:1:1:78:3:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - MOWAG Duro-other: car-doors.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.243. MOWAG Eagle

- 1:1:1:78:3:12:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.244. MRAP M-ATV

- 1:1:1:225:3:29:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.245. MRAP Ridgeback PPV

- 1:1:1:224:7:7:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.246. MRAP-CAT I MaxxPro

- 1:1:1:225:3:26:2:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

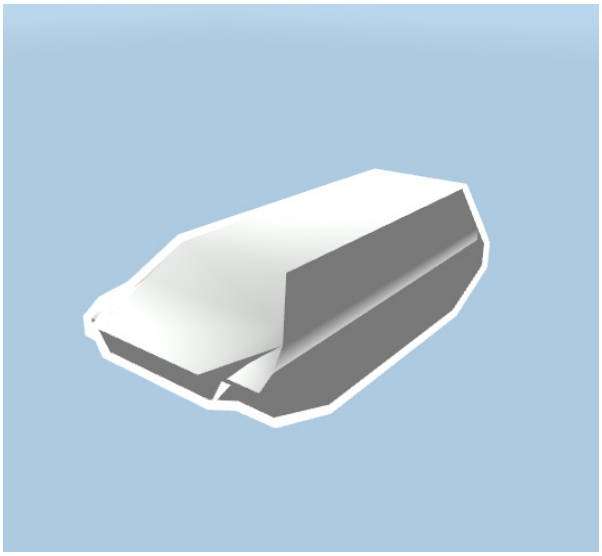
1.4.247. MRAP-CAT II Cougar

- 1:1:1:225:3:27:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.248. MSVS 8x8 Truck

- 1:1:1:39:7:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.249. MT-LB APC



- 1:1:1:222:3:6:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.250. MTVR Close Support Tanker

- 1:1:1:224:7:17:0:0
- Maximum speed: 29.16666666667 m/s
- Systems:
  - MTVR Close Support Tanker-other: articulated-trailer.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef

1.4.251. MTVR Medium Tactical Vehicle Replacement 7-Ton

- 1:1:1:225:7:39:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.252. MTVR Truck

- 1:1:1:225:7:39:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - MTVR Truck-other: car-doors.sysdef
  - MTVR Truck-sensor: visual-sensor.sysdef
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

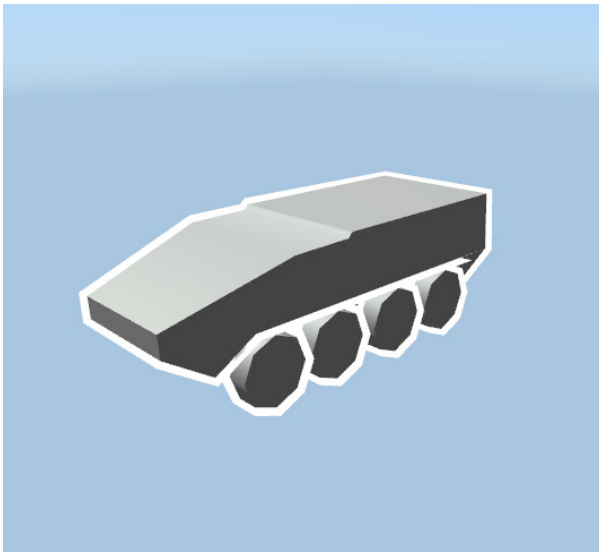
1.4.253. MZKT-7930 Special Wheeled Chassis

- 1:1:1:246:7:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.254. Male On Motorbike

- 1:3:1:225:3:1:4:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.4.255. Mamba APC



- 1:1:1:197:2:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.256. Medium Box Truck

- 1:1:1:225:83:100:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.257. Mercedes-Benz Actros Truck

- 1:5:2:4:6:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 6

1.4.258. Merkava III MBT

- 1:1:1:105:1:1:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

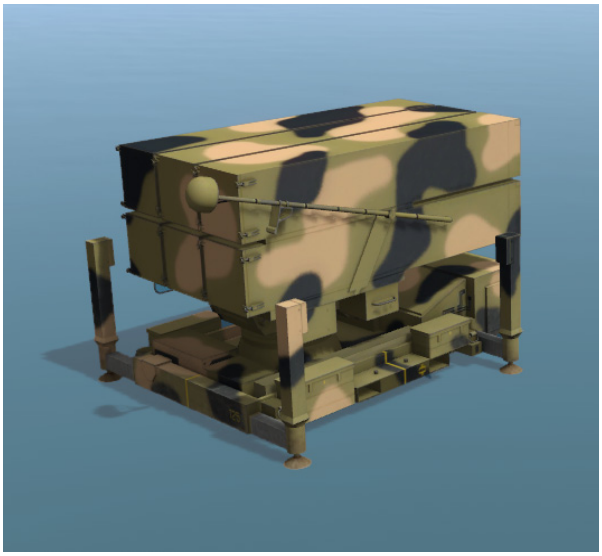
1.4.259. Merkava IV MBT

- 1:1:1:105:1:1:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.260. Mid Size Pickup Truck

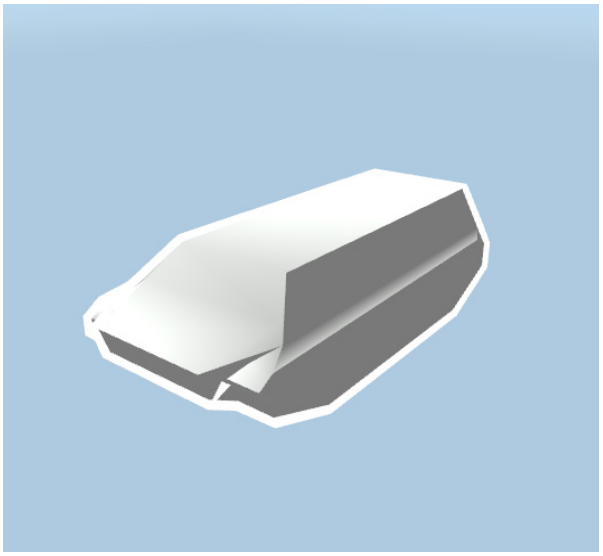
- 1:1:1:225:84:60:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.261. NASAMS 2 Launcher



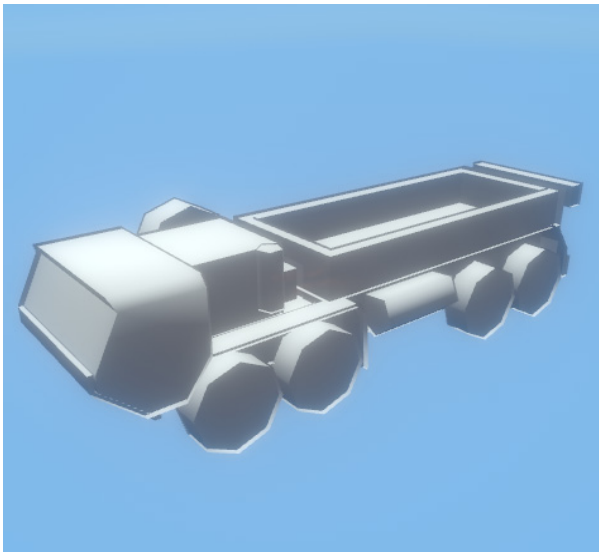
- 1:1:1:163:28:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - weapon: patriot-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.262. Namer APC



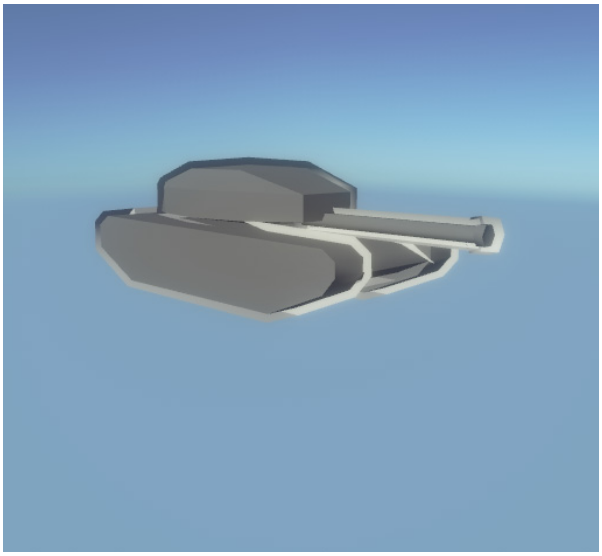
- 1:1:1:105:7:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.263. Navistar 7000



- 1:1:1:225:7:43:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 40.23336133333 m/s
- Ordered speed: 15.55555555556 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.264. Nodong Launcher



- 1:1:1:119:4:8:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: nodong-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.265. Off-Road SUV

- 1:1:1:224:81:113:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 44.65555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.266. PHL 03 (Type 03) MLRS

- 1:1:1:45:4:43:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

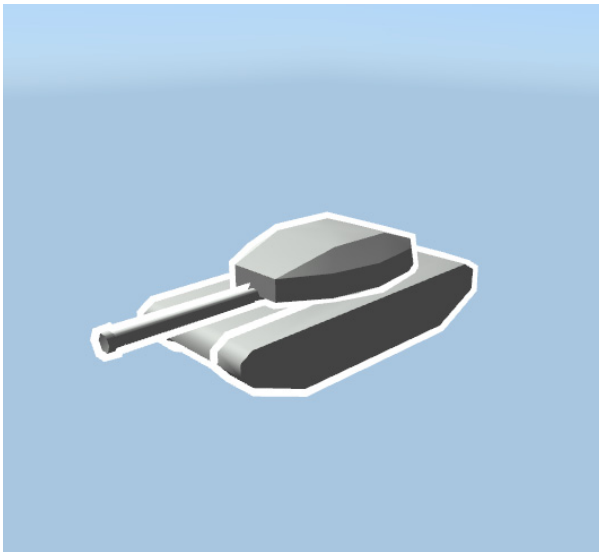
1.4.267. PHZ 89

- 1:1:1:45:4:50:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.268. PLZ-45 Howitzer

- 1:1:1:45:4:20:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.27777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.269. PT-91 Twardy MBT



- 1:1:1:175:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.270. Paddy Wagon

- 1:1:1:225:84:20:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

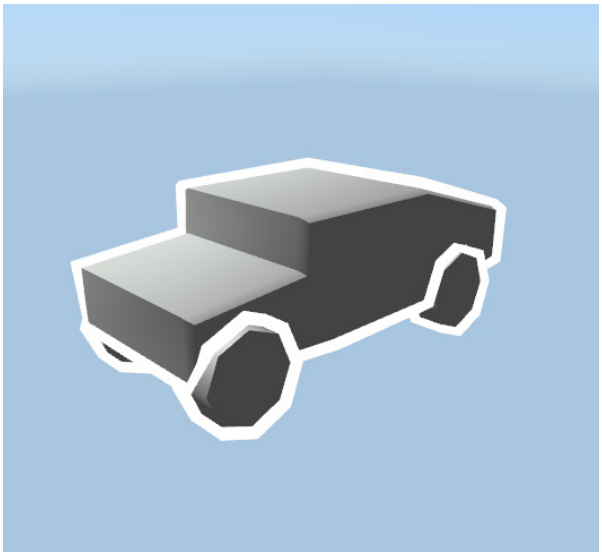
1.4.271. Pandur II 6x6

- 1:1:1:14:2:1:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.16666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.272. Pandur II 8x8

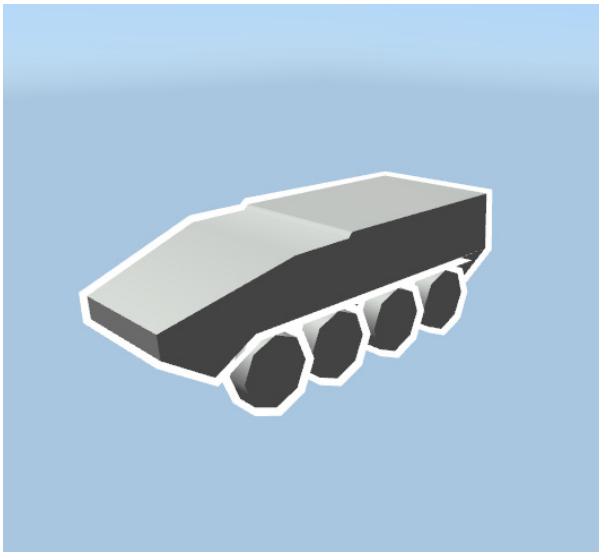
- 1:1:1:14:2:1:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.16666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other-4: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.273. Panhard AML-245



- 1:1:1:71:2:17:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.274. Panhard M3 APC



- 1:1:1:71:2:16:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

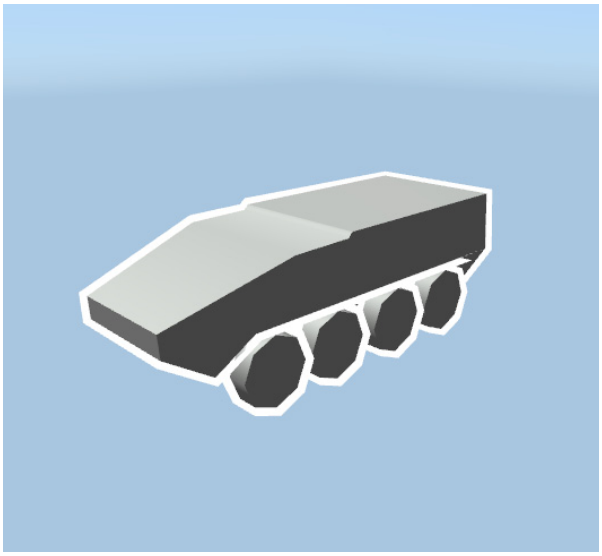
1.4.275. Panther CLV

- 1:1:1:224:7:11:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 36.11111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.276. Panzerhaubitze 2000 Howitzer

- 1:1:1:78:4:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.61111111111 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.277. Patria AMV



- 1:1:1:70:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

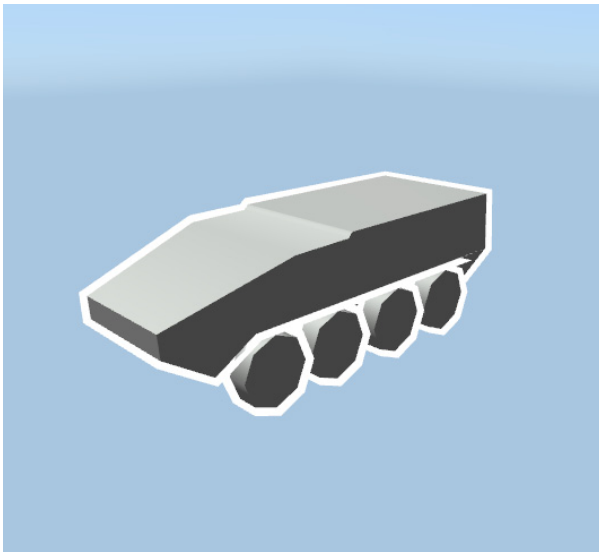
1.4.278. Patriot Engagement Control Sys

- 1:1:1:225:28:2:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: remote-sensor-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.279. Patriot Radar AN/MPQ-65

- 1:1:1:225:28:2:2:4
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: ground-based-air-defense-radar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.280. Pegaso 3046 APC



- 1:1:1:198:6:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.281. Police Cruiser (Chevy)

- 1:1:1:225:93:2:5:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.282. Police Tactical Van

- 1:1:1:225:27:0:0:56
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.283. Puma AFV

- 1:1:1:106:2:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.284. Puma CEV

- 1:1:1:105:6:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 12.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.285. RG-31 Charger MRAP

- 1:1:1:225:3:26:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.286. RG-31 Nyala MRAP

- 1:1:1:197:7:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.287. RG-32 Galten MRAP

- 1:1:1:205:7:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.288. RG-33 MRAP

- 1:1:1:225:3:26:6:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30.27777777778 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

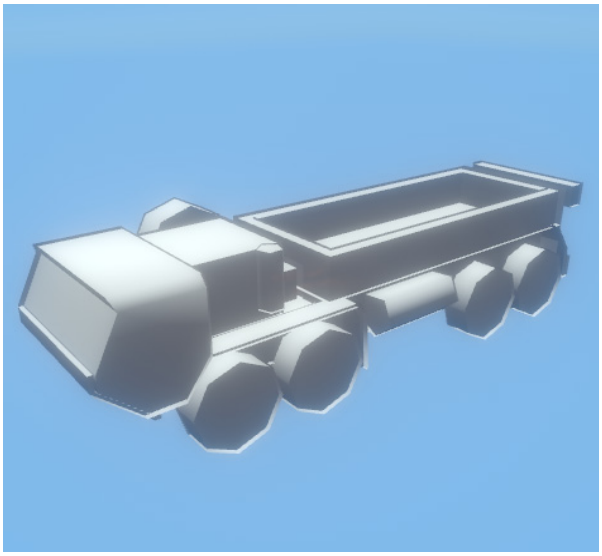
1.4.289. RH-202 AA Gun

- 1:1:1:78:28:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 14_5mm-quad-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 1

1.4.290. Rapier SAM

- 1:1:1:224:28:1:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 0 m/s
- Systems:
  - Rapier SAM-sensor: radar-munition-sensor.sysdef
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.291. Renault GBC 180 Truck



- 1:1:1:71:7:1:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.292. Roland 2 AMX-30R

- 1:1:1:71:28:4:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - Roland 2 AMX-30R-sensor: active-radar-sensor.sysdef
  - Roland 2 AMX-30R-weapon: sa-9-missile-launcher.sysdef
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.293. Rosomak M1 with MK44

- 1:1:1:175:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.294. Rosomak M1 with RIWS

- 1:1:1:175:2:1:4:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

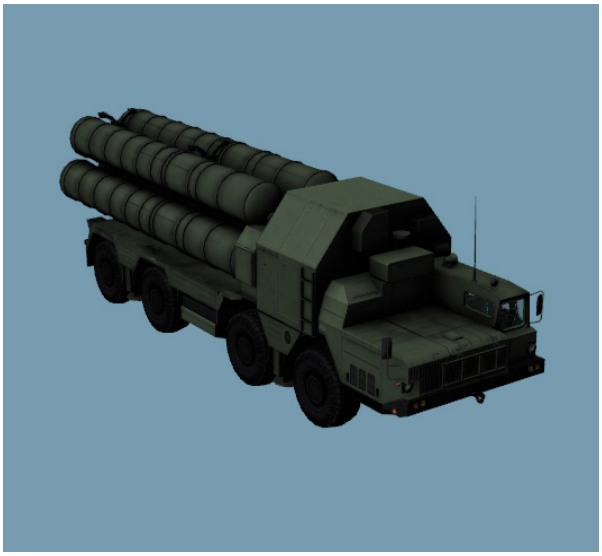
1.4.295. Rosomak M3 APC with WKM-B

- 1:1:1:175:2:1:6:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.296. Rosomak RAK with 120mm Mortar

- 1:1:1:175:2:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M327-120mm-mortar.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.297. SA-10B SP TEL (5P85S)



- 1:1:1:222:28:4:2:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - SA-10B SP TEL (5P85S)-movement: ground-wheels-off-road.sysdef
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-21-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.298. SA-12 Giant TELAR (9A82)

- 1:1:1:222:28:9:2:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - SA-12 Gladiator TELAR (9A83-1)-weapon: sa-21-missile-launcher.sysdef
  - SA-12 Grill Pan Engagement Radar (9S32)-movement: ground-tracked.sysdef
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.299. SA-12 Gladiator TELAR (9A83-1)

- 1:1:1:222:28:9:2:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - SA-12 Gladiator TELAR (9A83-1)-weapon: sa-21-missile-launcher.sysdef
  - SA-12 Grill Pan Engagement Radar (9S32)-movement: ground-tracked.sysdef
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.300. SA-12 Grill Pan Engagement Radar (9S32)

- 1:1:1:222:28:9:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - SA-12 Grill Pan Engagement Radar (9S32)-movement: ground-tracked.sysdef
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.301. SA-13 Gopher

- 1:1:1:222:28:12:3:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.302. SA-15 Command Post (9S737)

- 1:1:1:222:2:18:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: remote-sensor-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.303. SA-15 Gauntlet SAM

- 1:1:1:222:28:10:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.055556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 4

1.4.304. SA-17 Grizzly BUK-M2 TELAR (9K317E)

- 1:1:1:222:28:11:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - SA-17 Grizzly BUK-M2 TELAR (9K317E)-sensor: active-radar-sensor.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.305. SA-17 Grizzly Launcher/Loader TEL (9A316)

- 1:1:1:222:28:11:4:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.306. SA-19 Grison

- 1:1:1:222:28:12:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.055556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.307. SA-20 Cheese Board (96L6E)

- 1:1:1:222:28:21:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.308. SA-20 Missile Transport/Reload Vehicle (22T6)

- 1:1:1:222:28:21:4:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.309. SA-21 Acquisition Radar (91N6E)

- 1:1:1:222:28:24:5:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: radar-munition-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.310. SA-21 Command Post (55K6E)

- 1:1:1:222:28:24:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: remote-sensor-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.311. SA-21 Self-propelled TEL (5P90S)

- 1:1:1:222:28:24:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: sa-21-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.312. SA-22 Pantsir-S1 Tracked

- 1:1:1:222:28:22:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - SA-22 Pantsir-S1 Tracked-weapon: sa-9-missile-launcher.sysdef
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.313. SA-22 Pantsir-S1 Truck

- 1:1:1:222:28:22:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.055556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.314. SA-5 Gammon Square Pair Radar (5N62)

- 1:1:1:222:28:3:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: radar-munition-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

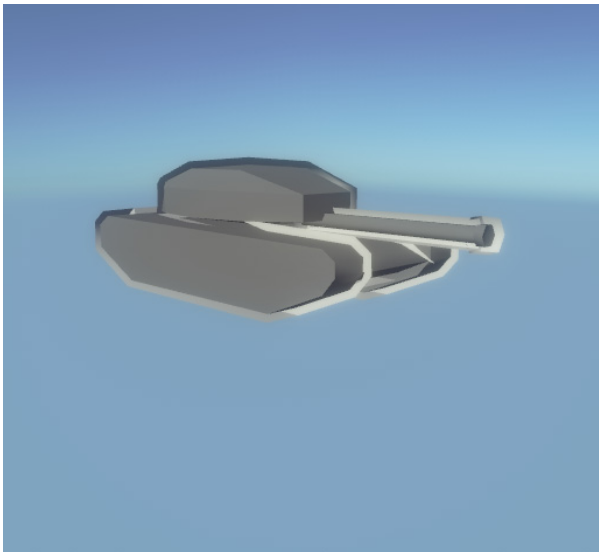
1.4.315. SA-6 Gainful SAM

- 1:1:1:222:28:6:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.316. SA-9 Gaskin SAM System

- 1:1:1:222:28:12:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-radar-sensor.sysdef
  - weapon: sa-9-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.317. SS-25 Launcher



- 1:1:1:222:14:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: ss-25-sickle-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

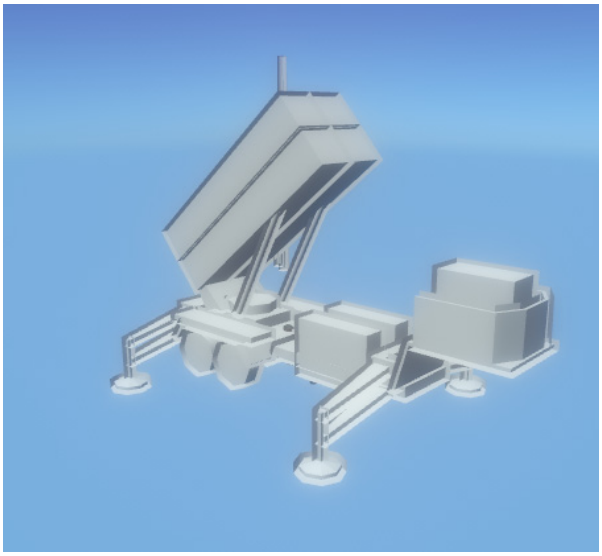
1.4.318. Safir Military Vehicle

- 1:1:1:101:6:0:0:51
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.319. Scud-B

- 1:1:1:119:4:9:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: scud-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.320. Scud-ER Launcher



- 1:1:1:119:4:7:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: scud-er-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.321. Sport Hatchback Coupe

- 1:1:1:78:81:42:2:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.322. Sport Standard Size Sedan

- 1:1:1:78:81:43:10:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 55.55555555556 m/s
- Ordered speed: 13.88888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.323. Standard MidSize Sedan

- 1:1:1:225:81:42:10:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.324. T-14 Armata

- 1:1:1:222:1:12:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.325. T-15 Armata IFV

- 1:1:1:222:2:21:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: m2a3-multigun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.326. T-155 Firtina

- 1:1:1:218:4:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.75
  - visual-signature: 3

1.4.327. T-55 MBT

- 1:1:1:222:1:6:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.328. T-62 MBT

- 1:1:1:222:1:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.329. T-69 MBT

- 1:1:1:45:1:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

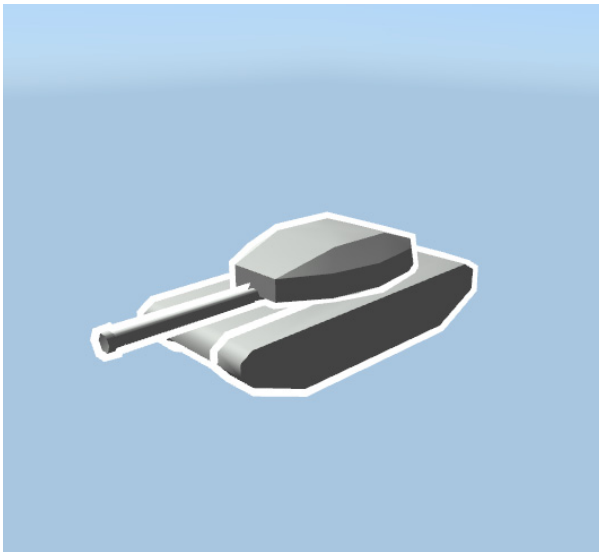
1.4.330. T-72 MBT

- 1:1:1:222:1:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.331. T-80 MBT

- 1:1:1:222:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.332. T-84 MBT



- 1:1:1:265:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

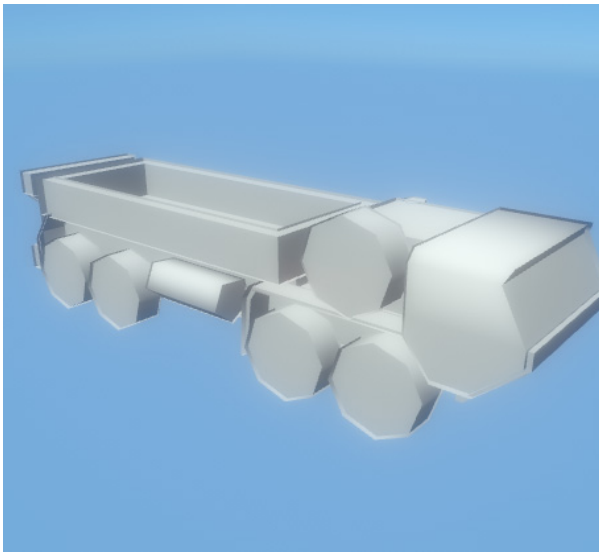
1.4.333. T-90M MBT

- 1:1:1:222:1:9:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - T-90M MBT-sensor: infrared-sensor.sysdef
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.334. THAAD GB Radar

- 1:1:1:225:28:4:2:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: radar-munition-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.335. THAAD Launch Control Station



- 1:1:1:225:28:4:4:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: remote-sensor-receiver.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.336. THAAD Launcher

- 1:1:1:225:28:4:3:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - THAAD Launcher-other: car-doors.sysdef
  - THAAD Launcher-sensor: visual-sensor.sysdef
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - weapon: THAAD-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

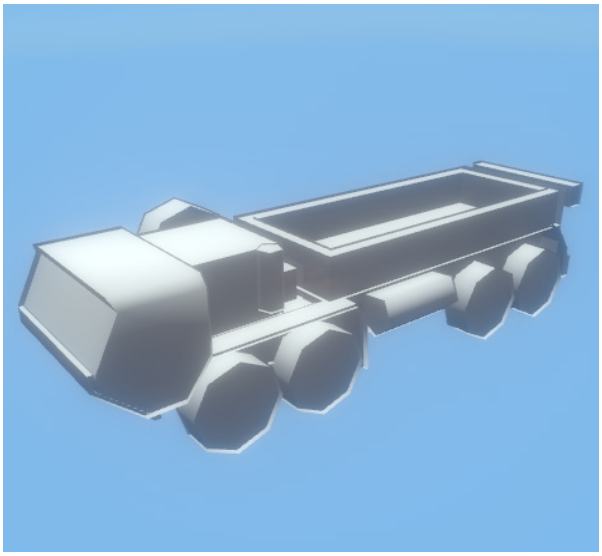
1.4.337. THAAD Power Unit

- 1:1:1:225:28:4:8:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.338. TOS-1 Buratino

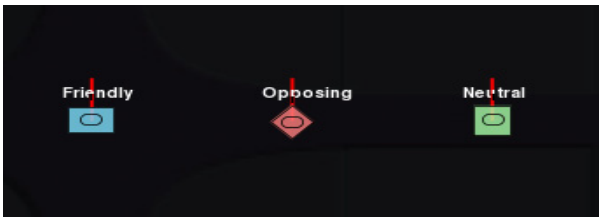
- 1:1:1:222:4:61:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M270-MLRS.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.339. TRM 1000 Truck



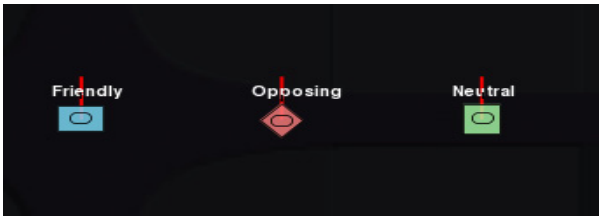
- 1:1:1:71:7:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.340. Tank Company (RUS)



- 3:11:1:222:5:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.341. Tank Company (USA) Mine Plows



- 3:11:1:225:5:2:0:78
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.342. Tank Company (USA)

- 3:11:1:225:5:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.343. Tank Headquarters Section (RUS)

- 3:11:1:222:14:2:1:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - vehicle-platoon-enable: vehiclePlatoonScriptEnable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

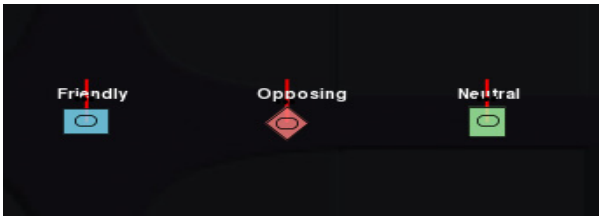
1.4.344. Tank Headquarters Section (USA)

- 3:11:1:225:14:2:1:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - request-fire-support: request-fire-support.sysdef
  - vehicle-platoon-enable: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.345. Tank Platoon (RUS)

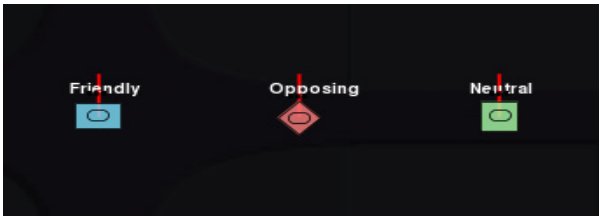
- 3:11:1:222:3:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - vehicle-platoon-enable: vehiclePlatoonScriptEnable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.346. Tank Platoon (USA) Mine Plows



- 3:11:1:225:3:2:0:78
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - vehicle-platoon-enable: vehiclePlatoonScriptEnable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.347. Tank Platoon (USA)



- 3:11:1:225:3:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - vehicle-platoon-enable: vehiclePlatoonScriptEnable.sysdef
  - weapon-list-responder: unit-weapon-list-responder.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.348. Taurus ARV

- 1:1:1:78:3:17:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.349. Taxicab

- 1:1:1:225:93:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other: car-doors.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.350. Technical Truck w/ Mortar

- 1:1:1:110:83:1:1:9
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - Technical Truck w/ Mortar-weapon: M252-81mm-mortar.sysdef
  - damage: ground-unarmored.sysdef
  - mortar-script-enable: mortarScriptEnable.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.351. Technical Truck

- 1:1:1:222:27:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.352. Terrier AEV

- 1:1:1:224:3:14:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

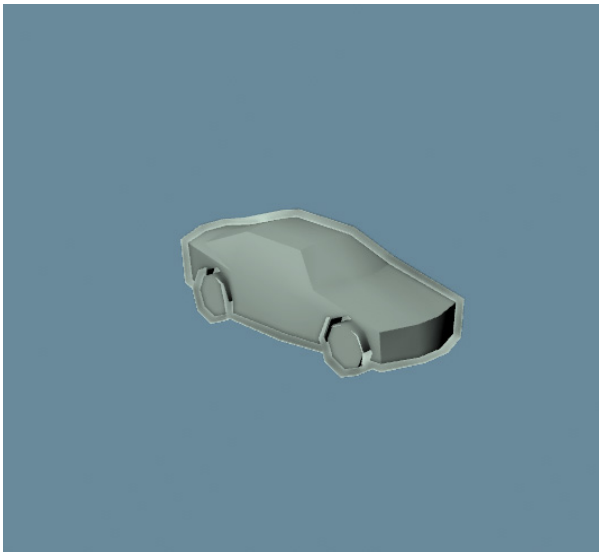
1.4.353. Titan AVLB

- 1:1:1:224:3:13:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.27777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: crew-suppression-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.354. Toyota Land Cruiser M240

- 1:1:1:189:81:110:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.355. Toyota Pickup (Transport)



- 1:1:1:110:83:1:1:102
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.356. Toyota Pickup

- 1:1:1:110:83:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.357. Tractor Trailer Cab

- 1:1:1:225:85:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 6

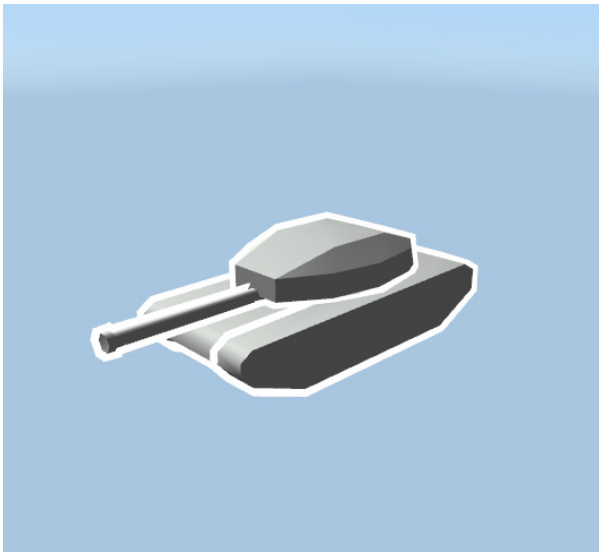
1.4.358. Tractor Trailer with Cab

- 1:1:1:225:85:1:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 40.233361 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 6

1.4.359. Trojan AVRE

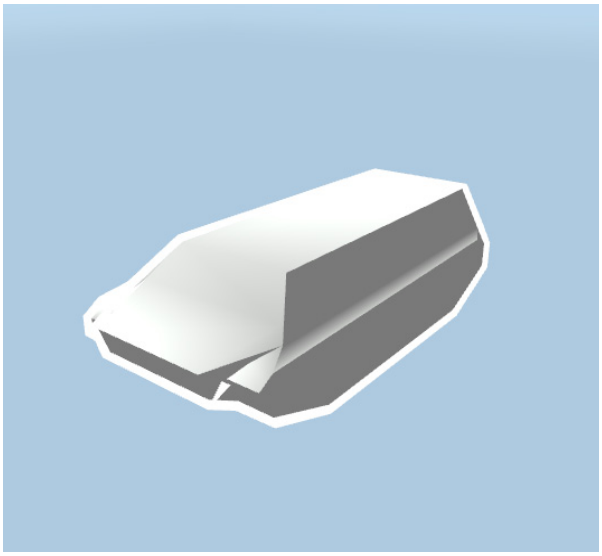
- 1:1:1:224:3:17:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.360. Type 10 MBT



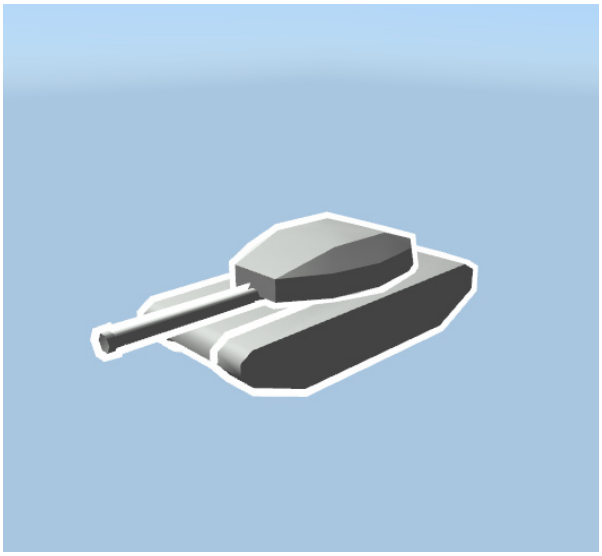
- 1:1:1:110:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: m250-smoke-grenade.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-3: M2-machine-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.361. Type 85 (YW 531H) APC



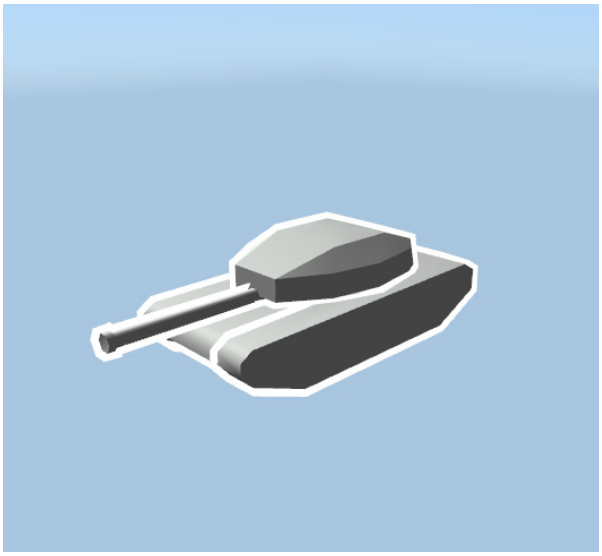
- 1:1:1:45:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.362. Type 90 Kyu-maru MBT



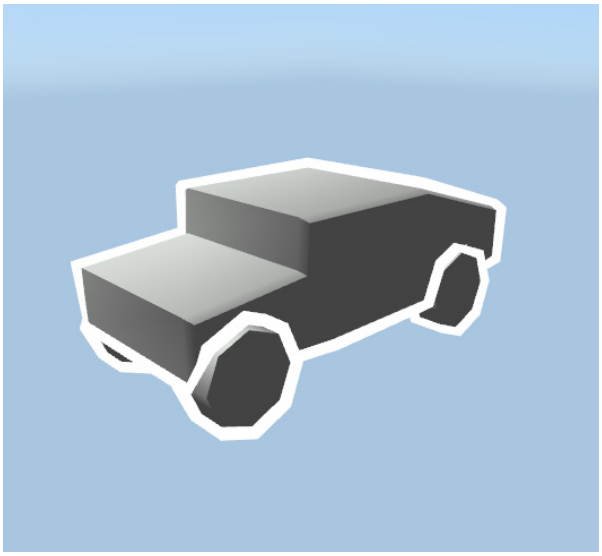
- 1:1:1:110:1:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: 120mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.363. Type 99 MBT



- 1:1:1:45:1:9:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 125mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.364. URO VAMTAC



- 1:1:1:198:6:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 37.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M284-155mm-cannon.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.365. US Postal Truck

- 1:1:1:225:84:60:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.366. Ural 4320 Tanker

- 1:1:1:222:7:11:0:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.367. Ural 43203 R330Zh Jammer

- 1:1:1:222:7:11:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.368. Ural 43206

- 1:1:1:222:7:11:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.369. Ural 4320

- 1:1:1:222:7:11:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.370. Ural 5323

- 1:1:1:222:7:26:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: tdl-ground-message-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.371. VAB APC

- 1:1:1:71:2:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

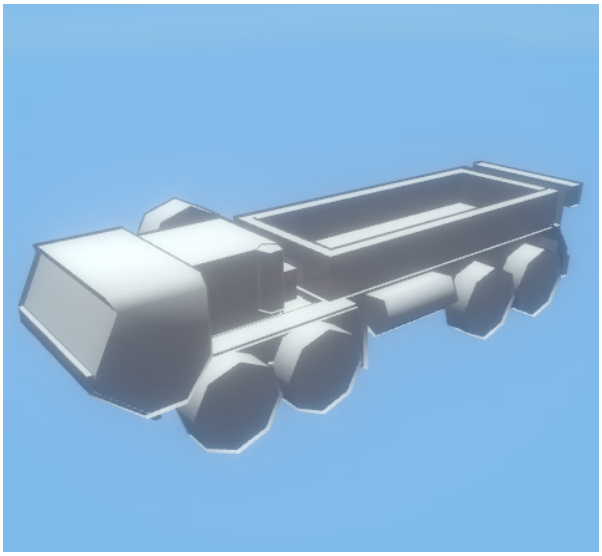
1.4.372. VBCI APC

- 1:1:1:71:2:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.373. VBL ATV

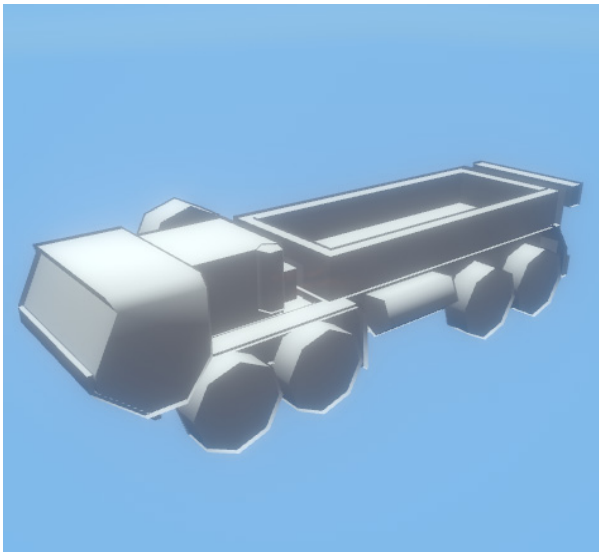
- 1:1:1:71:3:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.374. VLRA 4x4 Truck



- 1:1:1:71:6:3:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

1.4.375. VLRA 6x6 Truck



- 1:1:1:71:6:4:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3.00001

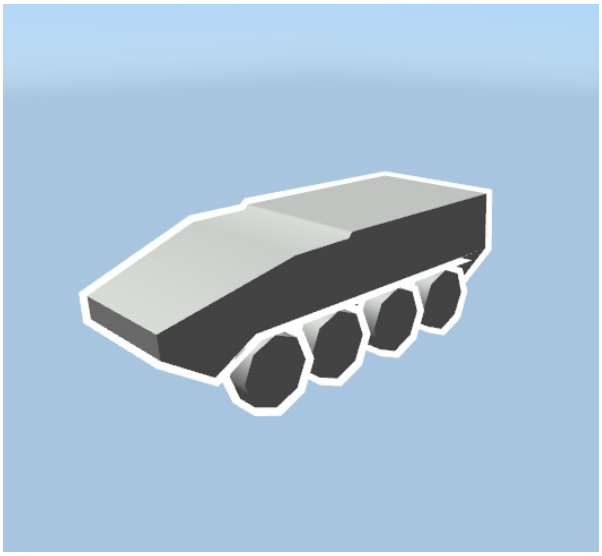
1.4.376. VM 90 LSVW

- 1:1:1:39:7:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 5

1.4.377. Volkswagen Type 2 Microbus

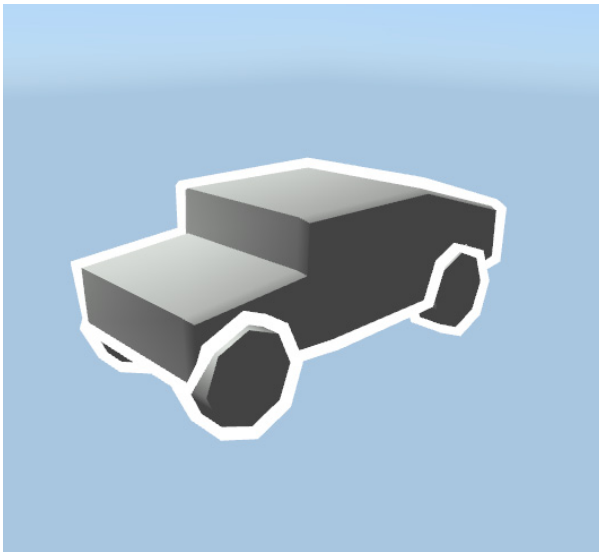
- 1:1:1:78:83:70:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.378. WZ551 APC



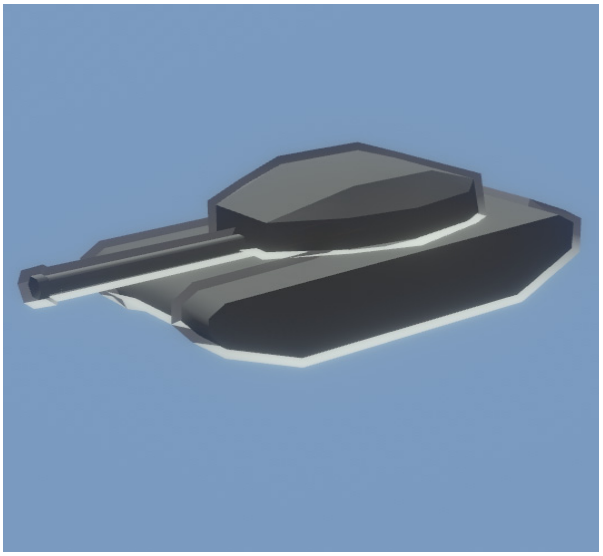
- 1:1:1:45:2:6:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.379. Wiesel AWC



- 1:1:1:78:2:10:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.380. XM7 FIST-Bradley



- 1:1:1:225:2:1:8:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.330028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 25mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.381. ZIL-135 8x8 Truck

- 1:1:1:222:7:28:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 3

1.4.382. ZPU-4 AA Gun

- 1:1:1:222:28:13:7:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 14_5mm-quad-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 1

1.4.383. ZSU-23-4 Shilka

- 1:1:1:222:28:12:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 14_5mm-quad-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.4.384. ZSU-57-2

- 1:1:1:222:28:12:4:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.638889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 14_5mm-quad-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 3

1.5. Human

1.5.1. Afghan Police Officer

- 1:3:1:1:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.2. Afghan Soldier AK47

- 1:3:1:1:11:5:112:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

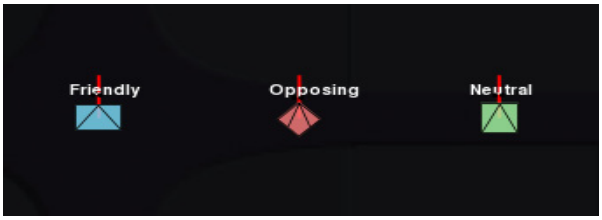
1.5.3. Afghan Soldier Panzerfaust 3

- 1:3:1:1:11:45:112:8
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.4. African Insurgent

- 1:3:1:159:102:5:112:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.5. Antitank Team (USA Army) Javelin



- 3:11:1:225:14:12:0:0
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-team-enable: mechanizedTeamScriptEnable.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.6. Australian Soldier EF88

- 1:3:1:13:11:5:55:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.7. Belgian Soldier

- 1:3:1:21:11:5:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.8. Border Patrol Agent

- 1:3:1:225:53:80:0:70
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

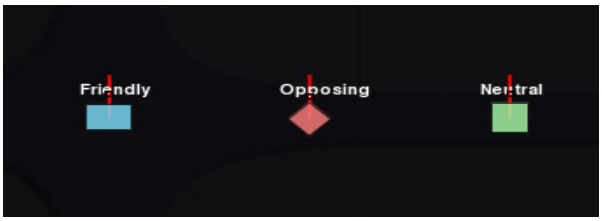
1.5.9. Brazilian Soldier

- 1:3:1:29:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.10. COLT Team (RUS)

- 3:11:1:222:12:27:0:0
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.11. COLT Team (USA)



- 3:11:1:225:12:27:0:0
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.12. Canadian Navy

- 1:3:1:39:14:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.13. Canadian Soldier

- 1:3:1:39:1:32:1:4
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.14. Child

- 1:3:1:0:3:1:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: human-flee-from-threat.sysdef
  - other-3: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.15. Chilean AT4

- 1:3:1:44:1:97:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.2 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AT4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.16. Chilean IMI Galil

- 1:3:1:44:1:250:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.17. Chilean M16-M203

- 1:3:1:44:1:73:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: M203GrenadeLauncher.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.18. Chilean M16

- 1:3:1:44:1:32:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.19. Chilean M240

- 1:3:1:44:1:134:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M240-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.20. Chilean M249

- 1:3:1:44:1:116:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M249-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.21. Chilean M4

- 1:3:1:44:1:41:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.22. Chilean M60

- 1:3:1:44:1:52:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M60-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.23. Civilian Airport Worker

- 1:3:1:225:130:0:0:70
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.24. Civilian Crowd (Small)

- 3:11:1:0:0:34:0:1
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: pedestrian-crowd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

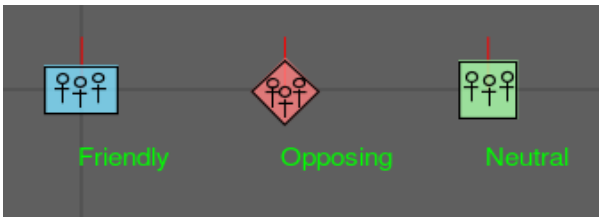
1.5.25. Civilian Female

- 1:3:1:225:3:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 6.5 m/s
- Ordered speed: 0.9722222222222 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.26. Civilian Male

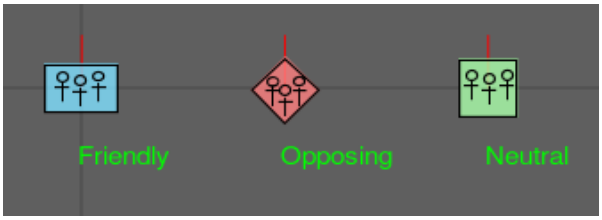
- 1:3:1:225:3:0:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7.25 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.27. Civilian Mideast Crowd (Large)



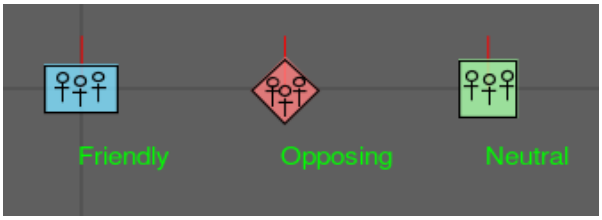
- 3:11:1:0:0:34:0:7
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: pedestrian-crowd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.5.28. Civilian Mideast Crowd (Medium)



- 3:11:1:0:0:34:0:6
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: pedestrian-crowd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.5.29. Civilian Mideast Crowd (Small)



- 3:11:1:0:0:34:0:5
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: pedestrian-crowd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.5.30. Colombian Airforce

- 1:3:1:48:13:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other-7: emergency-beacon.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.31. Colombian Armed Forces

- 1:3:1:48:11:5:36:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.32. Colombian Military Police

- 1:3:1:48:11:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.33. Colombian Naval Infantry

- 1:3:1:48:14:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.34. Colombian Police Anti Disturb

- 1:3:1:48:3:2:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.35. Colombian Police Officer

- 1:3:1:48:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.36. Colombian Riot Police

- 1:3:1:48:50:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.37. Colombian Soldier IWI X95

- 1:3:1:48:11:5:0:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.38. Construction Worker

- 1:3:1:225:130:0:1:70
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: human-flee-from-threat.sysdef
  - other-3: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.39. DI Lasing (CIS)

- 1:3:1:222:1:205:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: di-laser-designator.sysdef
  - other-4: lifeform-suppression-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.40. DI Lasing (US)

- 1:3:1:225:1:32:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: di-laser-designator.sysdef
  - other-4: lifeform-suppression-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.41. Dutch Soldier

- 1:3:1:153:11:5:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.42. Emergency Medical Technician

- 1:3:1:225:131:0:0:70
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

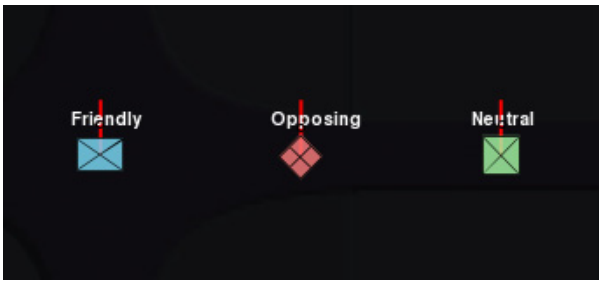
1.5.43. European Soldier

- 1:3:1:153:11:5:34:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.44. Female On Bike

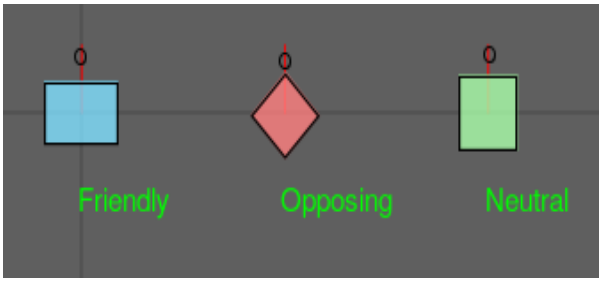
- 1:3:1:225:3:1:4:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.45. Fire Support Team (USA)



- 3:11:1:225:12:27:0:1
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.46. Fire Support Team



- 3:11:1:225:12:27:0:1
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.47. Fireman (Hose)

- 1:3:1:225:3:2:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0.7 m/s
- Ordered speed: 0.7 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.48. Fisherman with Life Jacket

- 1:3:1:225:3:0:1:4
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.49. Flight Deck Crew (Chock And Chains)

- 1:3:1:225:3:0:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.50. Flight Deck Crew (Grounding Cable)

- 1:3:1:225:3:0:1:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.51. Flight Deck Crew

- 1:3:1:225:3:0:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.52. Flight Deck Crewman

- 1:3:1:225:3:0:1:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.53. Flight Deck Worker

- 1:3:1:225:3:0:1:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.54. French Soldier

- 1:3:1:71:11:5:34:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.55. German Soldier

- 1:3:1:78:11:5:34:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.56. Ghillie Suit Soldier

- 1:3:1:225:11:15:37:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

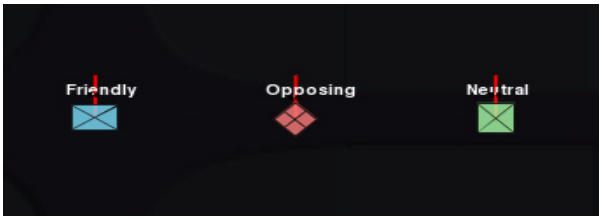
1.5.57. ISIS Fighter

- 1:3:1:102:101:5:112:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.58. Indian Soldier

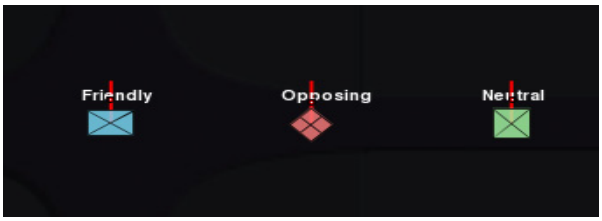
- 1:3:1:99:11:5:30:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.59. Infantry Headquarters Section (RUS Army)



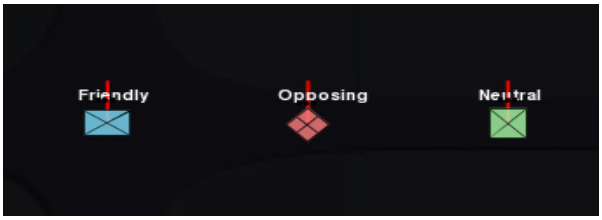
- 3:11:1:222:14:3:1:127
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-hq-enable: mechanizedHqSectionScriptEnable.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - request-fire-support: request-fire-support.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.60. Infantry Headquarters Team (USA Army)



- 3:11:1:225:12:3:1:0
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - request-fire-support: spot-report-generator.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.61. Infantry Platoon (USA Army)



- 3:11:1:225:3:3:1:0
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.62. Insurgent

- 1:3:1:222:4:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.63. Iranian Soldier

- 1:3:1:101:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.64. Iraqi Police Officer

- 1:3:1:102:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.65. Iraqi Soldier

- 1:3:1:102:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.66. Israeli Soldier IMI Galil

- 1:3:1:105:11:5:36:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.67. Kurdish Fighter

- 1:3:1:102:100:5:112:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

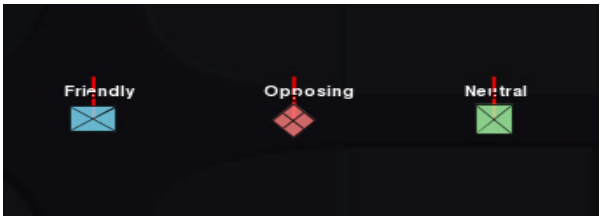
1.5.68. Libyan Police Officer

- 1:3:1:126:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.69. Libyan Soldier Dragunov

- 1:3:1:126:11:15:40:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.70. Machinegun Team (USA Army) M240



- 3:11:1:225:12:3:0:58
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-team-enable: mechanizedTeamScriptEnable.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.71. Male On Bike

- 1:3:1:225:3:1:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 3 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

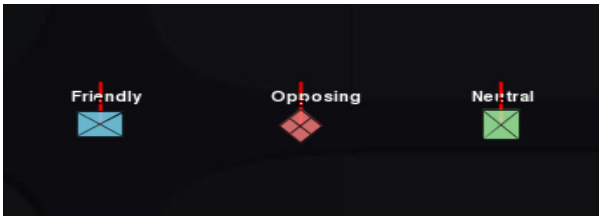
1.5.72. Man in Wheelchair

- 1:3:1:225:3:1:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.73. Mechanized Fire Team (USA Army) Javelin

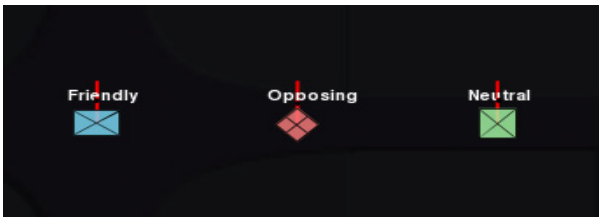
- 3:11:1:225:12:3:0:0
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 0.7777777777778 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.74. Mechanized Fire Team (USA Army)



- 3:11:1:225:12:3:0:1
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.75. Mechanized Squad (USA Army)



- 3:11:1:225:13:3:0:0
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 0.7777777777778 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 1.75
  - radar-signature: 0.75
  - visual-signature: 1.75

1.5.76. Mideast Combatant with RPG

- 1:3:1:102:4:246:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.77. Mideast Combatant

- 1:3:1:222:4:205:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

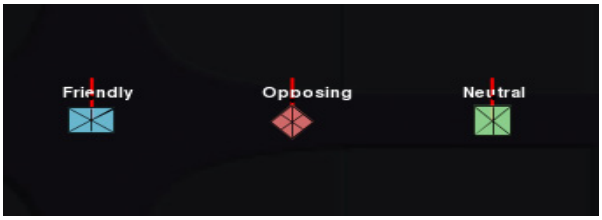
1.5.78. Mideast Female

- 1:3:1:1:3:1:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 6.444444444444 m/s
- Ordered speed: 0.8888888888889 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: human-flee-from-threat.sysdef
  - other-3: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.79. Mideast Male

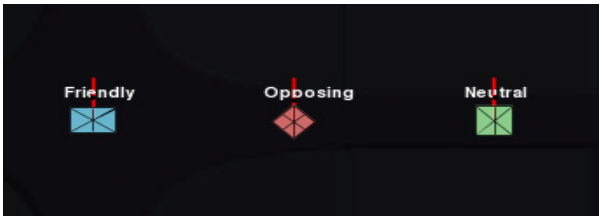
- 1:3:1:1:3:1:0:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7.25 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: human-flee-from-threat.sysdef
  - other-3: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.80. Motorized Squad (Irregular Technical)



- 3:11:1:0:13:18:0:103
- Maximum speed: 28 m/s
- Ordered speed: 7 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: motorizedSquadScriptEnable.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.81. Motorized Squad (Irregular)



- 3:11:1:0:13:18:0:102
- Maximum speed: 28 m/s
- Ordered speed: 7 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: motorizedSquadScriptEnable.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.82. North Korean Soldier AK47

- 1:3:1:119:11:5:112:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.83. North Korean Soldier AK74M

- 1:3:1:119:11:5:12:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.84. Pakistani Police Officer

- 1:3:1:165:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.85. Pakistani Soldier

- 1:3:1:165:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.86. Paratrooper Fire Team (USA)

- 3:11:1:225:12:32:0:4
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - other-6: airdrop-capable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.87. Paratrooper

- 1:3:1:225:1:32:1:4
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: di-laser-designator.sysdef
  - other-4: lifeform-suppression-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other-7: lifeform-non-lethal-damage-default.sysdef
  - other-8: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.88. Pilot

- 1:3:1:225:3:1:1:9
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.89. Police Officer

- 1:3:1:225:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-glock.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

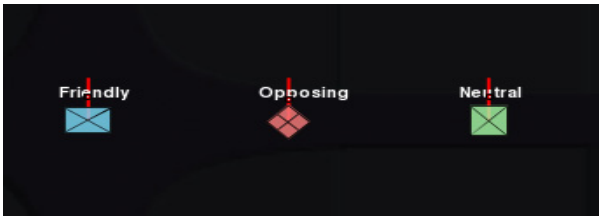
1.5.90. Polish Soldier FB Beryl

- 1:3:1:175:11:5:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.91. Qatari Soldier

- 1:3:1:178:11:5:42:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.92. Rifle Fire Team (Insurgent) AR

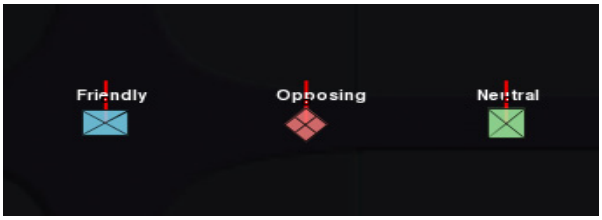


- 3:11:1:0:12:3:0:103
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-team-enable: mechanizedTeamScriptEnable.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.93. Rifle Fire Team (Insurgent) RPG

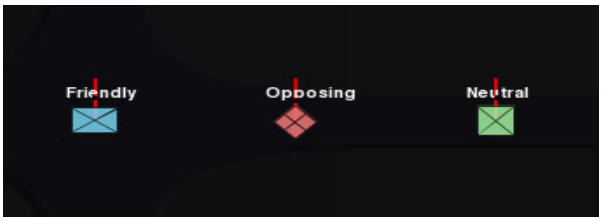
- 3:11:1:0:12:3:0:104
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-team-enable: mechanizedTeamScriptEnable.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.94. Rifle Fire Team (USA Army)



- 3:11:1:225:12:3:0:2
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-team-enable: spot-report-receiver.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.95. Rifle Squad (Insurgent)

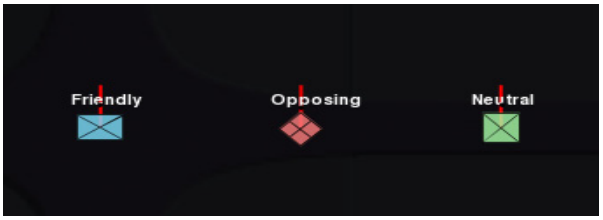


- 3:11:1:0:13:3:0:102
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: mechanizedSquadScriptEnable.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.96. Rifle Squad (USA Army)

- 3:11:1:225:13:3:0:2
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: disaggregated-movement-switcher.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: aggregate-mechanized-maneuver.sysdef
  - mounted-movement: disaggregated-movement-switcher.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.97. Rifle Squad (USA Marines)



- 3:11:1:225:13:3:0:3
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.98. Russian Rebel

- 1:3:1:260:102:5:112:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.99. Russian Soldier AK47

- 1:3:1:222:11:5:30:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.100. Russian Soldier PK74

- 1:3:1:222:11:5:1:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M249-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.101. Russian Soldier RPO

- 1:3:1:222:11:70:1:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.102. Russian Soldier SA7

- 1:3:1:222:11:45:1:8
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.103. Russian Soldier Sniper-127

- 1:3:1:222:11:15:40:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.104. Saudi Arabian Soldier AK103

- 1:3:1:189:11:5:110:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.105. Sergeant M16

- 1:3:1:225:1:32:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 0.7 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.106. Singaporean Soldier Armbrust

- 1:3:1:193:11:55:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.107. Singaporean Soldier SAR21

- 1:3:1:193:11:15:171:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.108. Somali Police Officer

- 1:3:1:195:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.109. Somali Soldier AK47

- 1:3:1:195:11:5:112:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

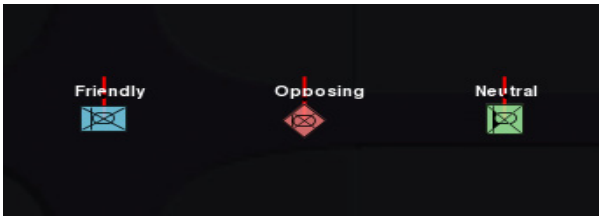
1.5.110. Somali Soldier AKS74

- 1:3:1:195:11:5:11:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.111. South Korean Soldier M60

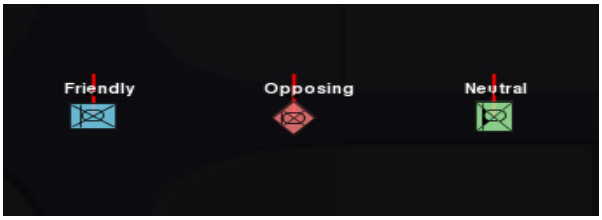
- 1:3:1:120:11:35:42:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.112. Strkyer Rifle Squad (USA Army)



- 3:11:1:225:13:4:0:127
- Maximum speed: 28 m/s
- Ordered speed: 7.0 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: spot-report-generator.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.113. Stryker Rifle Headquarters Section (USA Army)

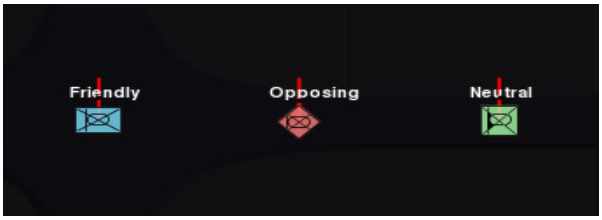


- 3:11:1:225:14:3:1:127
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-hq-enable: spot-report-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - request-fire-support: request-fire-support.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.114. Stryker Rifle Platoon (USA Army)

- 3:11:1:225:3:4:0:127
- Maximum speed: 28 m/s
- Ordered speed: 7 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: ground-higherUnit-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-platoon-enable: mechanizedPlatoonScriptEnable.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.115. Stryker Weapons Squad (USA Army)



- 3:11:1:225:13:4:0:59
- Maximum speed: 28 m/s
- Ordered speed: 7 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mechanized-squad-enable: mechanizedSquadScriptEnable.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.116. Sudanese Police Officer

- 1:3:1:201:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.117. Sudanese Soldier

- 1:3:1:201:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: lifeform-non-lethal-damage-default.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.118. Suicide Bomber

- 1:3:1:222:4:205:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.472222 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-2: lifeform-non-lethal-damage-default.sysdef
  - other: lifeform-suppression-default.sysdef
  - weapon: human-explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.119. Suspect

- 1:3:1:225:3:0:1:8
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.120. Syrian Police Officer

- 1:3:1:207:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.121. Syrian Soldier AK47

- 1:3:1:207:11:5:112:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.122. Syrian Soldier AKS74U

- 1:3:1:207:11:5:11:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.123. Taliban

- 1:3:1:1:4:206:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 5.9 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.124. Turkish Soldier MPT-76

- 1:3:1:218:11:5:10:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.125. Turkish Soldier RPG

- 1:3:1:218:11:70:10:8
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.126. Turkish Soldier

- 1:3:1:218:11:5:35:7
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.127. UK Soldier L110A1

- 1:3:1:224:11:1:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M249-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.128. UK Soldier L129A1

- 1:3:1:224:11:5:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.129. UK Soldier L7A2

- 1:3:1:224:11:5:119:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M240-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.130. UK Soldier L85A2 NLAW

- 1:3:1:224:11:50:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.2 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AT4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.131. UK Soldier L85A2 UGL

- 1:3:1:224:11:30:45:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: M203GrenadeLauncher.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.132. UK Soldier L85A2

- 1:3:1:224:11:5:121:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.133. US Air Force

- 1:3:1:225:13:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other-7: emergency-beacon.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.134. US Army AT4

- 1:3:1:225:1:97:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.2 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AT4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.135. US Army Javelin

- 1:3:1:225:1:81:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 0.8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-RPG-Launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.136. US Army M16-M203

- 1:3:1:225:1:73:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M203GrenadeLauncher.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.137. US Army M16

- 1:3:1:225:1:32:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.138. US Army M240

- 1:3:1:225:1:134:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M240-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.139. US Army M249

- 1:3:1:225:1:116:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M249-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.140. US Army M2

- 1:3:1:225:11:55:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.141. US Army M4-M203

- 1:3:1:225:11:5:43:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M203GrenadeLauncher.sysdef
  - weapon: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.142. US Army M4

- 1:3:1:225:1:41:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.143. US Army M60

- 1:3:1:225:1:52:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M60-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.144. US Army M84 Stun Grenade

- 1:3:1:225:11:150:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.145. US Army M9

- 1:3:1:225:1:11:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-glock.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.146. US Army Medic

- 1:3:1:225:11:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.147. US Army XM107

- 1:3:1:225:11:17:1:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M60-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.148. US EOD

- 1:3:1:225:1:0:1:255
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.149. US Navy With Binoculars

- 1:3:1:225:14:150:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.150. US Navy

- 1:3:1:225:14:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 1.2

1.5.151. US Sergeant M4

- 1:3:1:225:11:5:42:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.152. USMC M16-M203

- 1:3:1:225:1:73:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: M203GrenadeLauncher.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.153. USMC M16

- 1:3:1:225:1:32:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M16.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.154. USMC M240

- 1:3:1:225:1:134:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M240-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.155. USMC M249

- 1:3:1:225:1:116:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M249-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.156. USMC M27

- 1:3:1:225:12:5:121:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.157. USMC M32A1

- 1:3:1:225:12:30:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-M240-mg.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.158. USMC M4

- 1:3:1:225:1:41:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: handheld-M4.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.159. USMC M9

- 1:3:1:225:12:80:31:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-4: handheld-grenade-tossing.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-glock.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

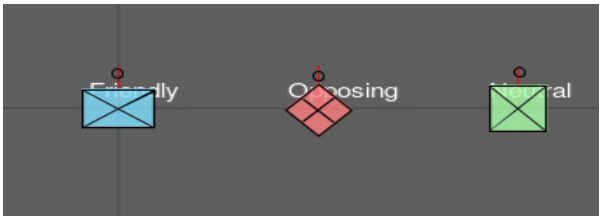
1.5.160. Ugandan Police Officer

- 1:3:1:221:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.161. Ugandan Soldier

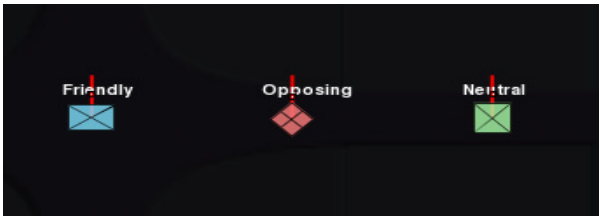
- 1:3:1:221:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - other-5: lifeform-non-lethal-damage-default.sysdef
  - other-6: handheld-grenade-tossing.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: handheld-AK47.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

1.5.162. Vehicle Crew (Notional)



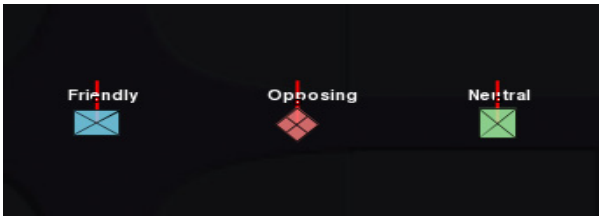
- 3:11:1:225:12:3:0:126
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - vehicle-crew-maneuver: aggregate-vehicle-crew-maneuver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.163. Vehicle Crew (USA) Notional



- 3:11:1:225:12:3:0:126
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: disaggregated-movement-switcher.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mounted-movement: disaggregated-movement-switcher.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-receiver.sysdef
  - vehicle-crew-maneuver: aggregate-vehicle-crew-maneuver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.164. Vehicle Team (Insurgent)

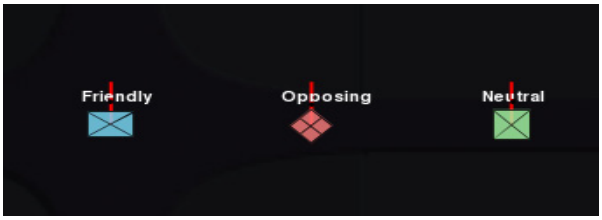


- 3:11:1:0:12:3:0:102
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - vehicle-crew-maneuver: aggregate-vehicle-crew-maneuver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.165. Vehicle Team (USA Army)

- 3:11:1:225:12:3:0:127
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: disaggregated-movement-switcher.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mounted-movement: disaggregated-movement-switcher.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-receiver.sysdef
  - vehicle-crew-maneuver: aggregate-vehicle-crew-maneuver.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.166. Weapons Squad (USA Army)



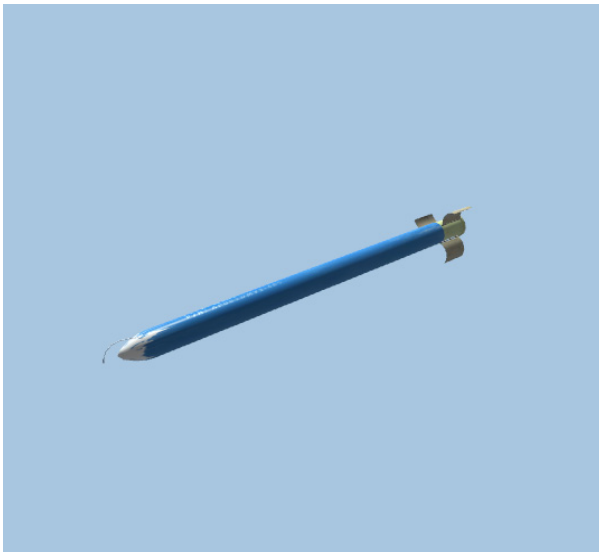
- 3:11:1:225:13:3:0:58
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregate-mounted-set-relay: aggregate-mounted-set-relay.sysdef
  - disaggregated-movement-switcher: disaggregated-movement-switcher.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - mechanized-maneuver: aggregate-mechanized-maneuver.sysdef
  - mounted-movement: human-mounted-movement.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.6. Munition

1.6.1. AGM-84 Harpoon Missile

- 1:2:6:225:1:1:20:0
- Maximum speed: 240 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.2. Hydra-70



- 1:2:9:225:1:27:1:0
- Maximum speed: 350 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: laser-guided-missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.3. M1064 IR Illumination Round

- 1:2:9:225:2:10:26:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: IR-illumination-flare-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.4. M1066 IR Illumination Round

- 1:2:9:225:2:14:31:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: IR-illumina-tion-flare-warhead.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.5. M1123 IR Illumination Round

- 1:2:9:225:2:14:33:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: IR-illumina-tion-flare-warhead.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.6. M67 hand grenade

- 1:2:9:225:2:85:1:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-with-colli-sions.sysdef
  - weapon: grenade-warhead.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.7. M792HEI25mm

- 1:2:9:225:2:2:1:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: missile-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.8. M825 155mm WP

- 1:2:9:225:2:14:14:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: white-phosphorous-smoke-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

1.6.9. M992 IR Illumination Round

- 1:2:9:225:2:4:0:1
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: friction-less-gravity-dynamics.sysdef
  - weapon: IR-illumina-tion-flare-warhead.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 18
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 4

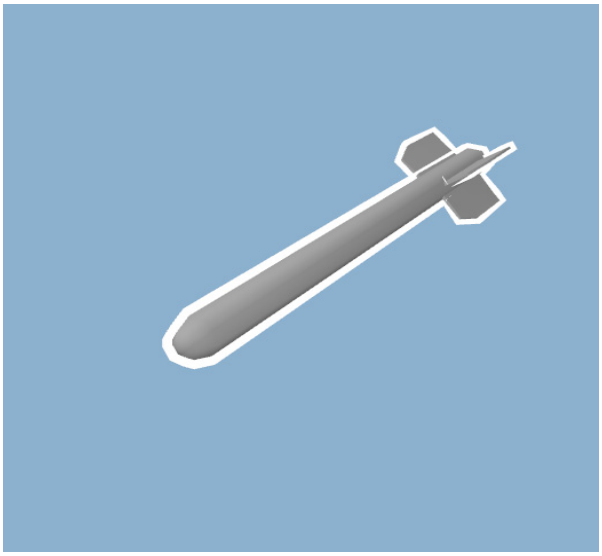
1.6.10. MK-65 Naval Mine

- 1:2:6:225:3:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: naval-mine-dynamics.sysdef
  - weapon: naval-mine-explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.6.11. MV-65 Quickstrike

- 1:2:6:225:3:8:4:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: naval-mine-dynamics.sysdef
  - weapon: naval-mine-explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.6.12. Mistral SAM Missile



- 1:2:1:71:1:5:1:1
- Maximum speed: 800 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

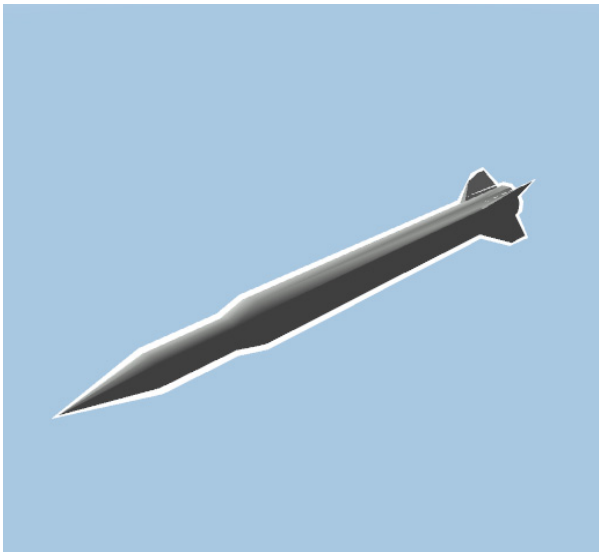
1.6.13. SA-23B Giant (9M82M)

- 1:2:1:222:1:24:3:0
- Maximum speed: 2000 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.14. SM-3

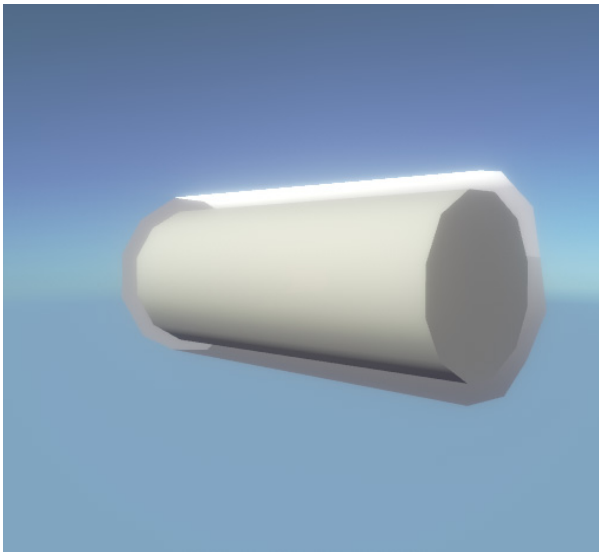
- 1:2:1:225:1:27:3:8
- Maximum speed: 5230.75 m/s
- Ordered speed: 5230.75 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
  - weapon: missile-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.15. THAAD Missile



- 1:2:1:225:1:21:0:0
- Maximum speed: 2800 m/s
- Ordered speed: 2800 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.16. UGM-133 Trident II



- 1:2:10:225:1:11:0:0
- Maximum speed: 6808000 m/s
- Ordered speed: 6808000 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: parabolic-trajectory.sysdef
  - weapon: missile-proximity-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 2

1.7. Rotary Wing

1.7.1. AH-1W SuperCobra

- 1:1:2:225:20:2:10:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.2. AH-6 Little Bird

- 1:1:2:225:20:5:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 78.333333 m/s
- Ordered speed: 69.444444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: laser-designator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.3. AH-64A Apache

- 1:1:2:225:20:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.4. AH-64E Apache Guardian with FCR

- 1:1:2:225:20:1:7:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: airborne-targeting-radar.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon-3: laser-guided-apkws-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.5. AH-64E Apache Guardian with UR

- 1:1:2:225:20:1:7:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon-3: laser-guided-apkws-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.6. AH-64E Apache Guardian

- 1:1:2:225:20:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon-3: laser-guided-apkws-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.7. AH-7 Westland Lynx

- 1:1:2:224:22:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 90 m/s
- Ordered speed: 27.77777777778 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.8. AS 332 Super Puma

- 1:1:2:71:21:7:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 76.94444444444 m/s
- Ordered speed: 68.61111111111 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.9. AS 532 Cougar

- 1:1:2:71:22:3:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 69.16666666667 m/s
- Ordered speed: 66.38888888889 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.10. AS 550 Fennec

- 1:1:2:71:21:13:10:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 68.33333333333 m/s
- Ordered speed: 55.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.11. AS-355 Ecureuil 2

- 1:1:2:71:21:14:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 62.22222222222 m/s
- Ordered speed: 55.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.12. AS-365 Dauphin

- 1:1:2:71:21:10:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.13. AS-565 Panther

- 1:1:2:71:21:10:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.14. Agusta Westland AW-139

- 1:1:2:106:21:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 86.11111111111 m/s
- Ordered speed: 85 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

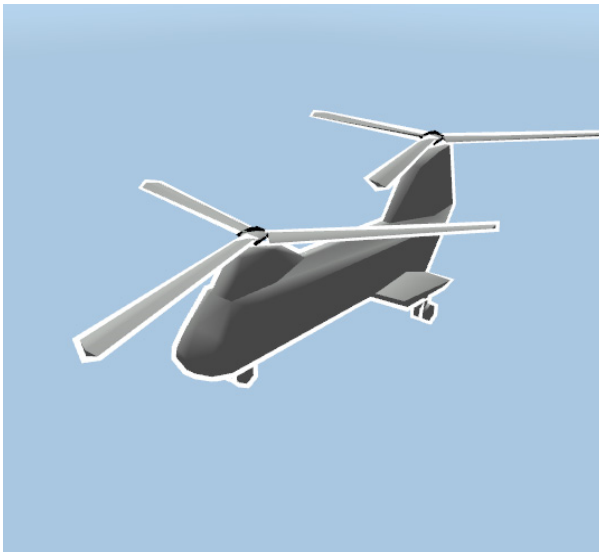
1.7.15. Agusta Westland AW-159 Wildcat

- 1:1:2:106:21:5:6:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.16. AgustaWestland AW101

- 1:1:2:106:22:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 85.83333333333 m/s
- Ordered speed: 77.22222222222 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.17. AgustaWestland AW109



- 1:1:2:106:21:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 86.38888888889 m/s
- Ordered speed: 54.4 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.18. AirMule

- 1:1:2:105:50:127:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.34 m/s
- Ordered speed: 20 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-quadcopter-heavy-lift.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 0.5

1.7.19. Airbus H145

- 1:1:2:78:91:13:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 74.44444444444 m/s
- Ordered speed: 68.33333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - Airbus H145-other: fastRopeDeployment.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.20. Bell 206 JetRanger

- 1:1:2:225:24:1:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-4: iff-transponder.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5.1

1.7.21. Bell 212

- 1:1:2:225:21:1:13:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 61.11111111111 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.22. Bell 406

- 1:1:2:225:24:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.23. Bell 407

- 1:1:2:225:24:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Systems:
  - Bell 407-sensor: visual-sensor.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-4: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5.1

1.7.24. Bell 412

- 1:1:2:225:24:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-4: iff-transponder.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.25. Bell 429 Global Ranger

- 1:1:2:13:21:0:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 79.72222222222 m/s
- Ordered speed: 77.77777777778 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.26. CH-146 Griffon

- 1:1:2:39:21:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 71.38888888889 m/s
- Ordered speed: 60.83333333333 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.27. CH-148 Cyclone

- 1:1:2:225:23:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 85 m/s
- Ordered speed: 70.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other-6: airDrop.sysdef
  - other-7: fastRopeDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.28. CH-149 Cormorant

- 1:1:2:39:21:2:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: aircraft-cargo-door.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-sliding-door.sysdef
  - other-6: fastRopeDeployment.sysdef
  - other-7: airDrop.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.29. CH-46E Sea Knight

- 1:1:2:225:21:3:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 74.16666666667 m/s
- Ordered speed: 73.61111111111 m/s
- Systems:
  - CH-46E Sea Knight-other: aircraft-cargo-door.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.30. CH-47 Chinook

- 1:1:2:225:23:1:1:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 87.5 m/s
- Ordered speed: 20 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other-6: aircraft-sliding-door.sysdef
  - other-7: fastRopeDeployment.sysdef
  - other-8: airDrop.sysdef
  - other-9: ropeLadderDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: M60-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.31. CH-47F Chinook

- 1:1:2:225:23:1:9:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 87.5 m/s
- Ordered speed: 20 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other-6: aircraft-sliding-door.sysdef
  - other-7: fastRopeDeployment.sysdef
  - other-8: airDrop.sysdef
  - other-9: ropeLadderDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: M240-7_62mm-mach-gun.sysdef
  - weapon: M60-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.32. CH-53E Super Stallion

- 1:1:2:225:23:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 100 m/s
- Ordered speed: 20 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other-8: airDrop.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

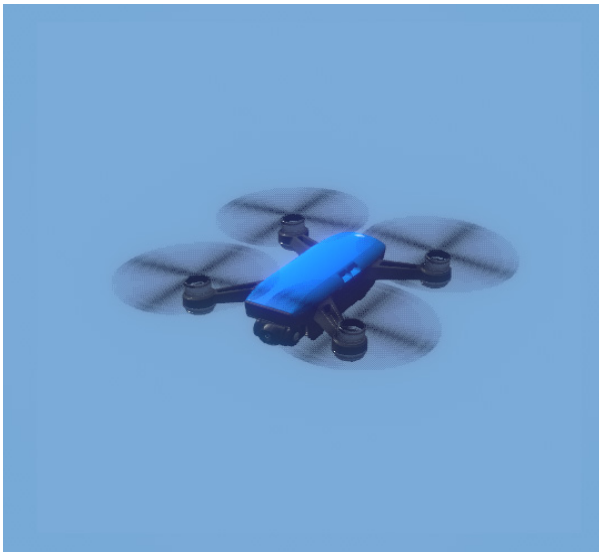
1.7.33. DJI Phantom 4

- 1:1:2:225:50:127:1:3
- Can embark: True
- Can be embarked on: True
- Maximum speed: 6 m/s
- Ordered speed: 4.166666666667 m/s
- Systems:
  - DJI Phantom 4-sensor: visual-sensor.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-quad-copter.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 0.5

1.7.34. DJI S1000

- 1:1:2:45:50:127:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 5.555555555556 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-quad-copter.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 0.5

1.7.35. DJI Spark Quadcopter



- 1:1:2:225:50:127:1:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 5.555555555556 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-quad-copter.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 0.5

1.7.36. EC 635

- 1:1:2:78:21:8:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 71.94444444444 m/s
- Ordered speed: 70.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

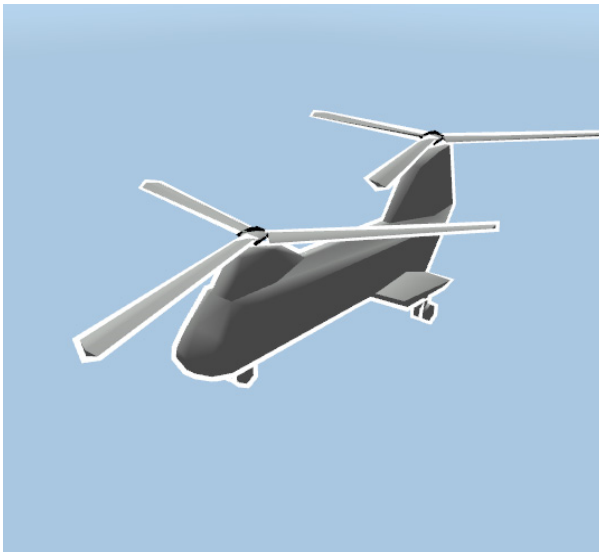
1.7.37. EC-120 Eurocopter Colibri

- 1:1:2:71:21:18:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 77.22222222222 m/s
- Ordered speed: 62.77777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - EC-120 Eurocopter Colibri-sensor: visual-sensor.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.38. EC-135 Eurocopter

- 1:1:2:78:21:8:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 79.72222222222 m/s
- Ordered speed: 70.55555555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.39. EC145



- 1:1:2:78:21:7:3:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 48 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.40. EC665 Eurocopter Tiger

- 1:1:2:71:20:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 80.55555555556 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon-3: M230-chain-gun.sysdef
  - weapon: laser-guided-apkws-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

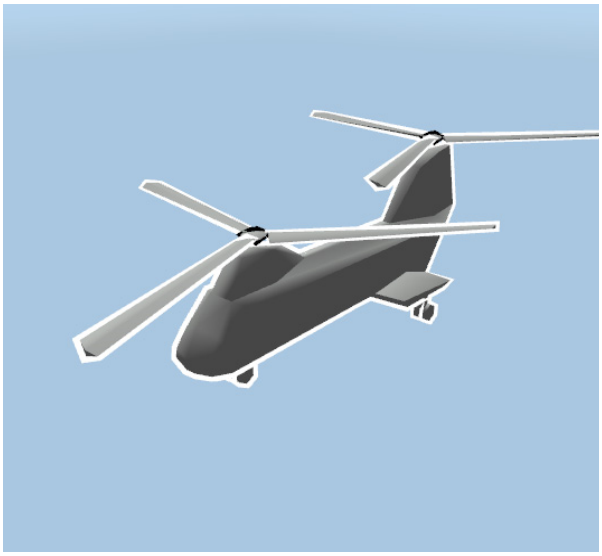
1.7.41. EC665 Eurocopter UH Tiger

- 1:1:2:71:20:4:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 80.55555555556 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: laser-guided-apkws-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.42. EC725 Caracal

- 1:1:2:71:21:17:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 90 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.43. EH101 Merlin



- 1:1:2:224:22:3:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 85.83333333334 m/s
- Ordered speed: 77.22222222222 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.44. Harbin Z-9

- 1:1:2:45:21:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 84.72222222222 m/s
- Ordered speed: 72.22222222222 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: aircraft-cargo-door.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.45. KA-50 Hokum

- 1:1:2:222:20:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 94.44444 m/s
- Ordered speed: 75 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: cis-counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: CIS-attack-helo-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

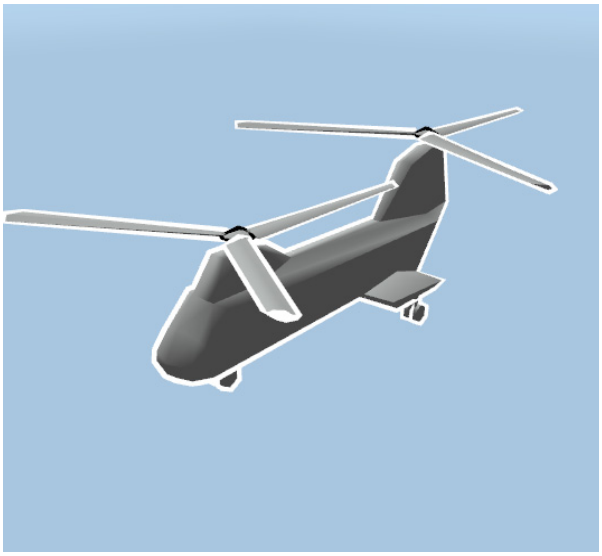
1.7.46. Ka-27 Helix

- 1:1:2:222:21:9:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 75 m/s
- Ordered speed: 56.94444444444 m/s
- Systems:
  - Ka-27 Helix-other: fastRopeDeployment.sysdef
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: search-and-rescue-sensor.sysdef
  - sensor-3: mad-sensor.sysdef
  - sensor-4: rotary-wing-sonar-sensor.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.47. MD-500

- 1:1:2:225:25:4:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 78.333333 m/s
- Ordered speed: 69.444444 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.48. MH-47 Chinook



- 1:1:2:225:25:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 87.5 m/s
- Ordered speed: 20 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-7: fastRopeDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.49. MH-6 Little Bird

- 1:1:2:225:25:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 78.333333 m/s
- Ordered speed: 69.444444 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.50. MH-60 Black Hawk

- 1:1:2:225:25:1:1:0
- Materially classified for SensorFX.
- Systems:
  - movement: rotary-wing-utility.sysdef
  - other-6: laser-designator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M60-7_62mm-mach-gun.sysdef

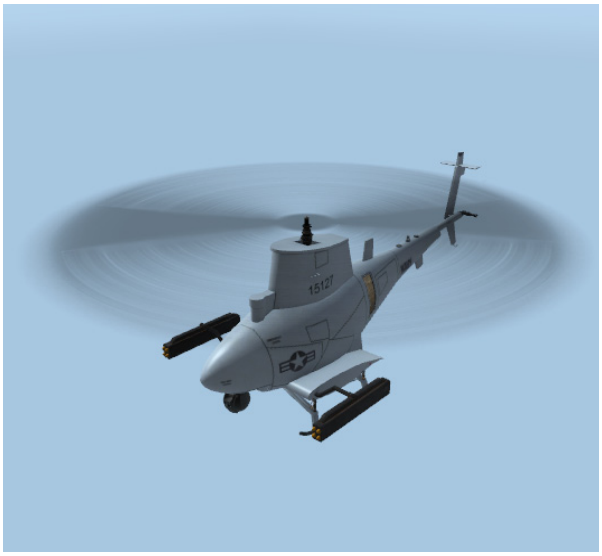
1.7.51. MH-60L Black Hawk DAP

- 1:1:2:225:25:1:4:0
- Materially classified for SensorFX.
- Systems:
  - movement: rotary-wing-utility.sysdef
  - other-5: laser-designator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef

1.7.52. MH-65 Dolphin

- 1:1:2:71:21:11:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.53. MQ-8B Fire Scout



- 1:1:2:225:50:35:1:0
- Can embark: True
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 59.16666666667 m/s
- Ordered speed: 45.83333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-3: airborne-targeting-radar.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: laser-guided-apkws-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.54. Mi-17 Hip

- 1:1:2:222:21:1:9:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 69.44444444444 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: cis-counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: CIS-attack-helo-missile-package.sysdef
  - weapon: CIS-attack-helo-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.55. Mi-2 Hoplite

- 1:1:2:222:21:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.56. Mi-24 Hind

- 1:1:2:222:20:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 168 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: cis-counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: CIS-attack-helo-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.57. Mi-28 Havoc

- 1:1:2:222:20:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 168 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: cis-counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: CIS-attack-helo-missile-package.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.58. NH90-N1

- 1:1:2:71:22:5:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 83.3333333333 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-5: iff-transponder.sysdef
  - other-6: aircraft-cargo-door.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: rotary-wing-sonar-sensor.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.59. OH-58 Kiowa

- 1:1:2:225:24:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: laser-designator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.60. Quadcopter

- 1:1:2:225:50:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 5.555555555556 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-quad-copter.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 0.5

1.7.61. RAH-66 Comanche

- 1:1:2:225:20:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: laser-designator.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M230-chain-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.62. S-100 Schiebel Camcopter Black

- 1:1:2:78:50:6:0:1
- Can embark: True
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 59.16666666667 m/s
- Ordered speed: 45.83333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-3: airborne-targeting-radar.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: laser-guided-apkws-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.63. S-100 Schiebel Camcopter White

- 1:1:2:78:50:6:0:0
- Can embark: True
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 59.16666666667 m/s
- Ordered speed: 45.83333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-3: airborne-targeting-radar.sysdef
  - sensor-4: gimbaled-visual-sensor.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: laser-guided-apkws-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.64. S-70A Black Hawk

- 1:1:2:13:21:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fastRopeDeployment.sysdef
  - other-6: ropeLadderDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.65. SA 330 Puma

- 1:1:2:71:21:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 75.83333333334 m/s
- Ordered speed: 68.88888888889 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.66. SA 342 Gazelle

- 1:1:2:71:21:8:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 86.11111111111 m/s
- Ordered speed: 73.33333333333 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: counter-measures-launcher.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.67. SH-3 Sea King

- 1:1:2:225:22:2:1:0
- Ordered speed: 20 m/s
- Systems:
  - SH-3 Sea King-weapon: Homing-torpedo-fwd-launcher.sysdef
  - movement: rotary-wing-heavy.sysdef
  - sensor-2: rotary-wing-sonar-sensor.sysdef
  - sensor: infrared-sensor.sysdef

1.7.68. SH-60 Seahawk

- 1:1:2:225:22:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fastRopeDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: search-and-rescue-sensor.sysdef
  - sensor-3: mad-sensor.sysdef
  - sensor-4: rotary-wing-sonar-sensor.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

1.7.69. UH-1N Twin Huey

- 1:1:2:225:21:1:13:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 140 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 20
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 4

1.7.70. UH-3H Sea King

- 1:1:2:225:22:2:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 74.16666666667 m/s
- Ordered speed: 55.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: aircraft-cargo-door.sysdef
  - other-6: fastRopeDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

1.7.71. UH-60 Black Hawk

- 1:1:2:225:21:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fastRopeDeployment.sysdef
  - other-6: ropeLadderDeployment.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 5

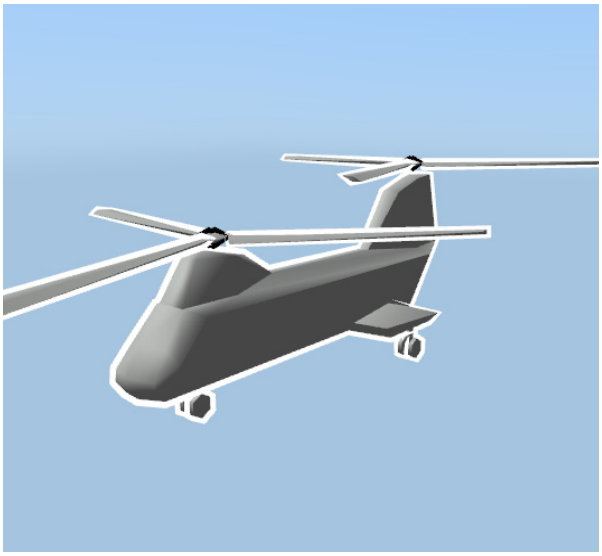
1.7.72. UH-60M Black Hawk

- 1:1:2:225:21:2:26:0
- Materially classified for SensorFX.
- Systems:
  - weapon-2: laser-guided-apkws-launcher.sysdef
  - weapon-3: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M240-7_62mm-mach-gun.sysdef

1.7.73. UH-72 Lakota

- 1:1:2:225:21:7:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 74.444444 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2525
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 5.1

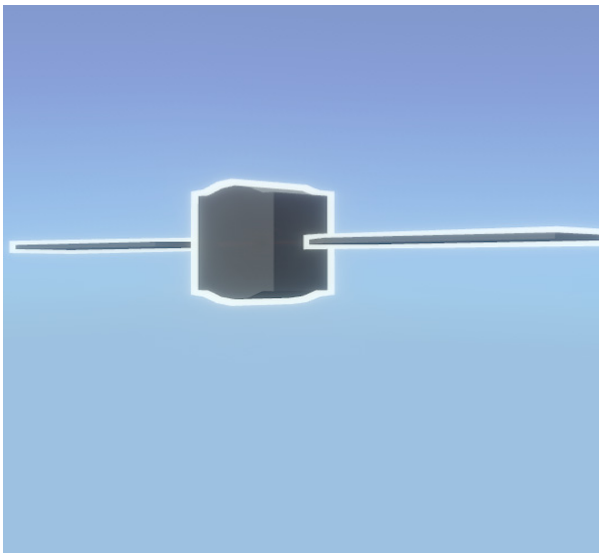
1.7.74. WS-61 Sea King



- 1:1:2:224:22:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 57.77777777778 m/s
- Ordered speed: 27.77777777778 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 30
  - visual-signature: 7

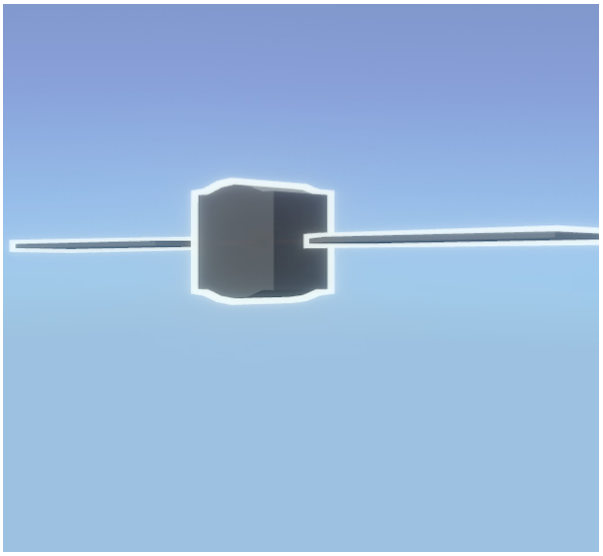
1.8. Space

1.8.1. Communications Satellite



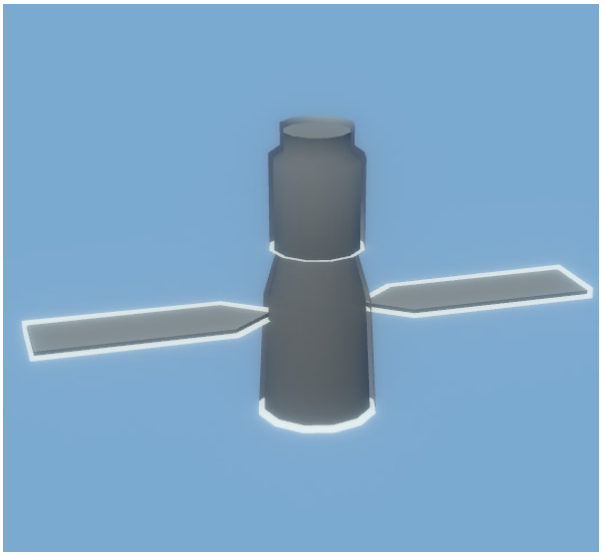
- 1:1:5:225:2:1:2:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.2. Defense Satellite



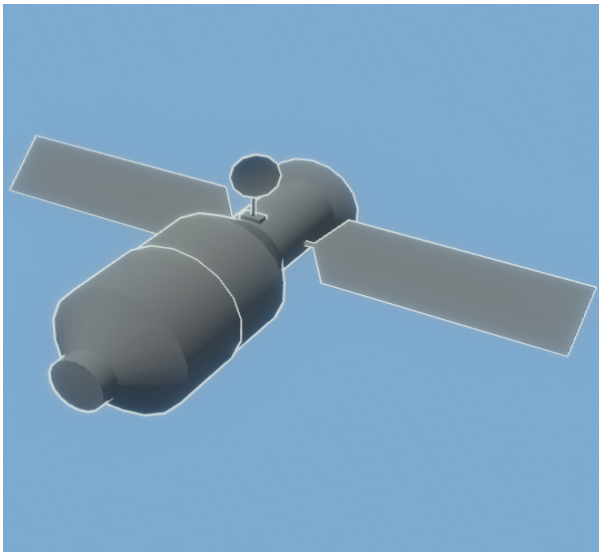
- 1:1:5:225:2:3:3:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
  - other-2: spot-report-generator.sysdef
  - sensor: space-based-infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.3. Imaging Satellite



- 1:1:5:225:2:8:2:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
  - other-2: spot-report-generator.sysdef
  - sensor: gimbaled-visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.4. International Space Station



- 1:1:5:225:1:2:1:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.5. Space Debris

- 1:1:5:225:2:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.6. Space Shuttle

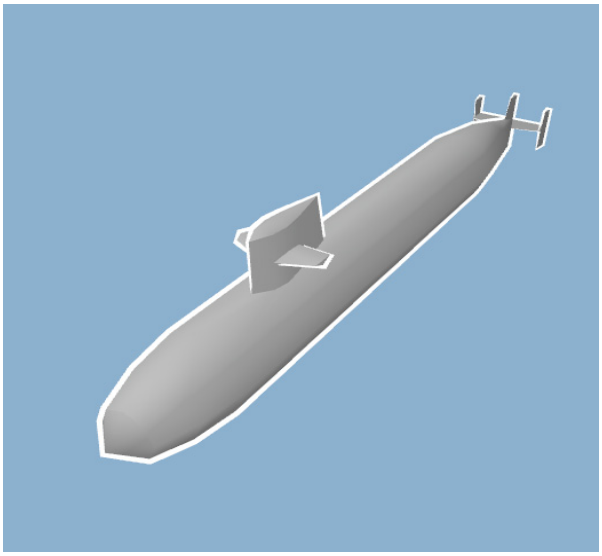
- 1:1:5:225:1:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 7743.055543 m/s
- Ordered speed: 1500 m/s
- Materially classified for SensorFX.
- Systems:
  - movement: orbital-dynamics.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.9. Subsurface

1.9.1. AN/BLQ-11 UUV

- 1:1:4:225:8:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7.305555 m/s
- Ordered speed: 7.222222 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 0
  - mad-signature: 0.3
  - passive-sonar-signature: 2
  - radar-signature: 0
  - visual-signature: 0

1.9.2. Agosta 90B-class Submarine



- 1:1:4:165:5:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.55555555556 m/s
- Ordered speed: 6.111111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

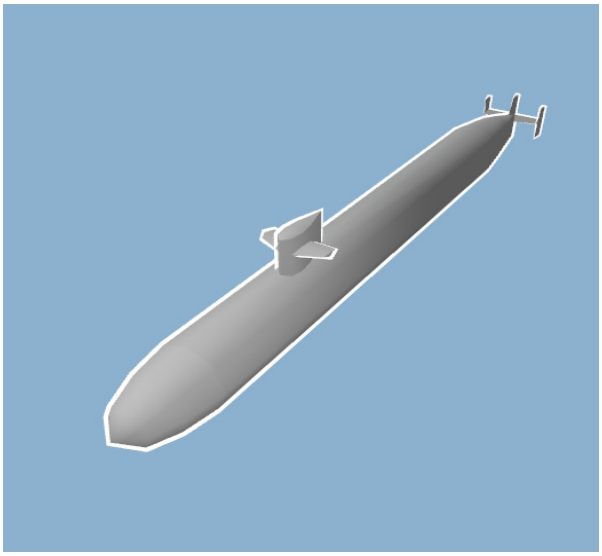
1.9.3. Akula-class Submarine

- 1:1:4:222:3:8:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 5 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-sonar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.4. Astute-class Submarine

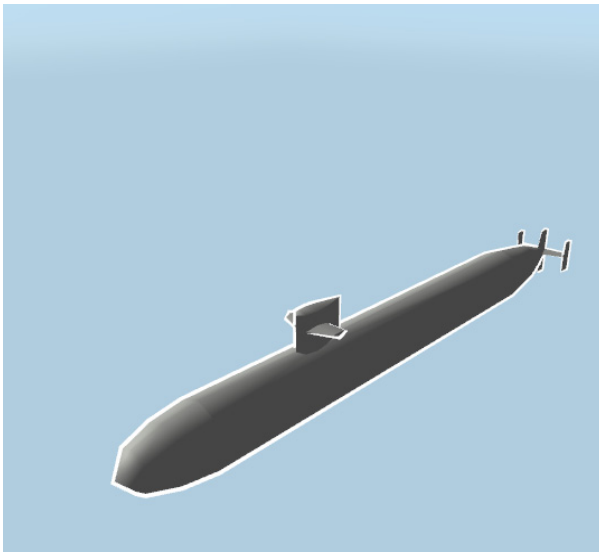
- 1:1:4:224:3:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-3: iff-transponder.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.5. Challenger-class Submarine



- 1:1:4:193:5:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 6.111111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.6. Delta III-class Submarine

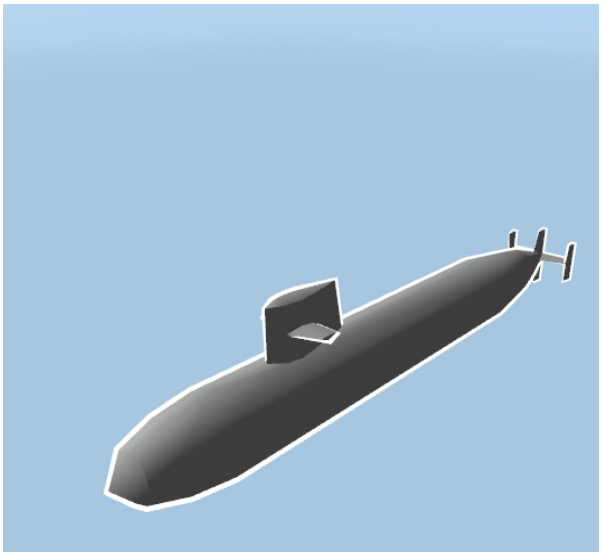


- 1:1:4:222:1:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.28888888889 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.7. Delta IV-class Submarine

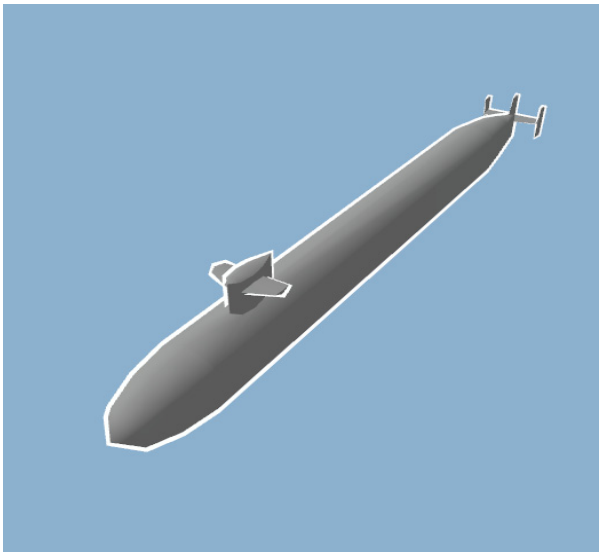
- 1:1:4:222:1:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.28888888889 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon: ss-25-sickle-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.8. Dolphin-class Submarine



- 1:1:4:105:5:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 103.6111111111 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.9. Gotland-class Submarine



- 1:1:4:205:5:4:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 4.444444444444 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.10. Kilo-class Submarine

- 1:1:4:222:5:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-sonar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.11. Los Angeles-Class Submarine

- 1:1:4:225:3:4:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 1
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

1.9.12. Ohio-class Submarine

- 1:1:4:225:1:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.861111 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: ugm-133-strategic-missile-launcher.sysdef
  - weapon: \ugm-133-strategic-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.13. Oscar-class Submarine

- 1:1:4:222:2:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 4.444444444444 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.14. REMUS UUV

- 1:1:4:225:8:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1.388889 m/s
- Ordered speed: 1.388889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 0
  - mad-signature: 0.3
  - passive-sonar-signature: 2
  - radar-signature: 0
  - visual-signature: 0

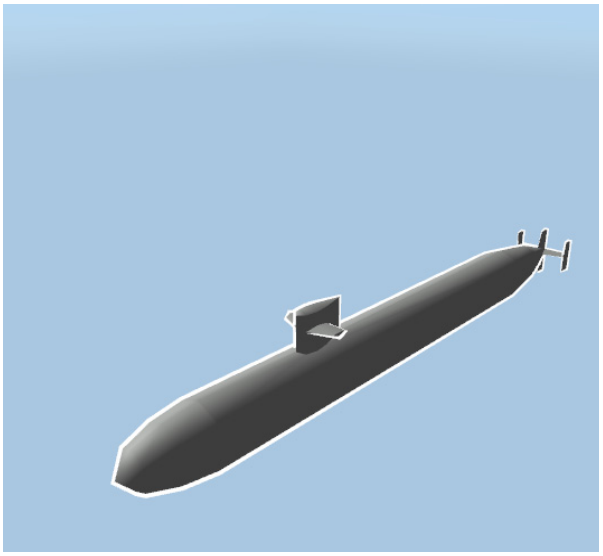
1.9.15. Romeo-class Submarine

- 1:1:4:222:5:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.716667 m/s
- Ordered speed: 4.166667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.5
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 1
  - radar-signature: 3
  - visual-signature: 1.5

1.9.16. Rubis-Class Submarine

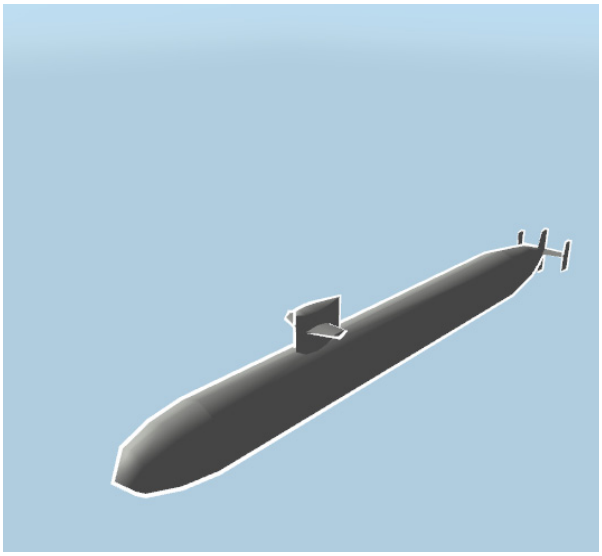
- 1:1:4:71:3:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: active-sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

1.9.17. Scorpene-class Submarine



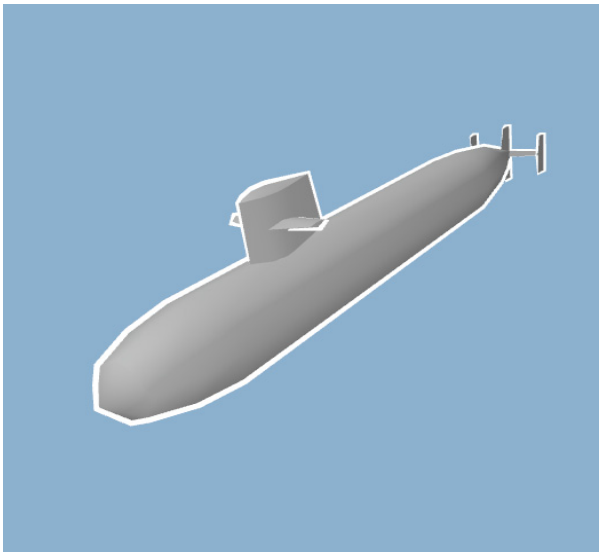
- 1:1:4:176:5:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.66666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.18. Siera II-class Submarine



- 1:1:4:222:3:5:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 17.5 m/s
- Ordered speed: 5 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.19. Sodermanland-class Submarine

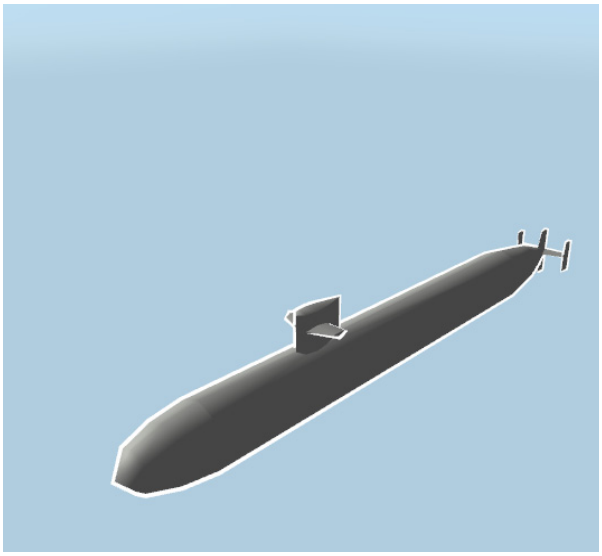


- 1:1:4:205:5:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 4.444444444444 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.20. Song-class Submarine

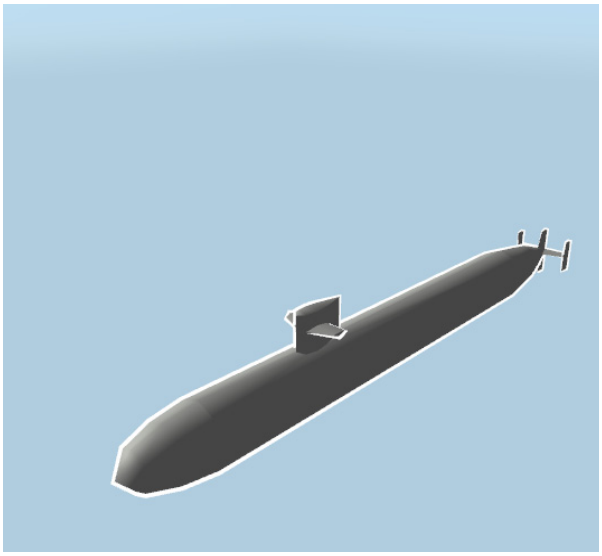
- 1:1:4:45:5:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 30.388889 m/s
- Ordered speed: 6.944444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.5
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 1
  - radar-signature: 3
  - visual-signature: 1.5

1.9.21. Trafalgar-class Submarine



- 1:1:4:224:3:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.22. Triomphant-Class Submarine



- 1:1:4:71:1:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.23. Type 039A (Yuan Class) Submarine

- 1:1:4:45:5:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

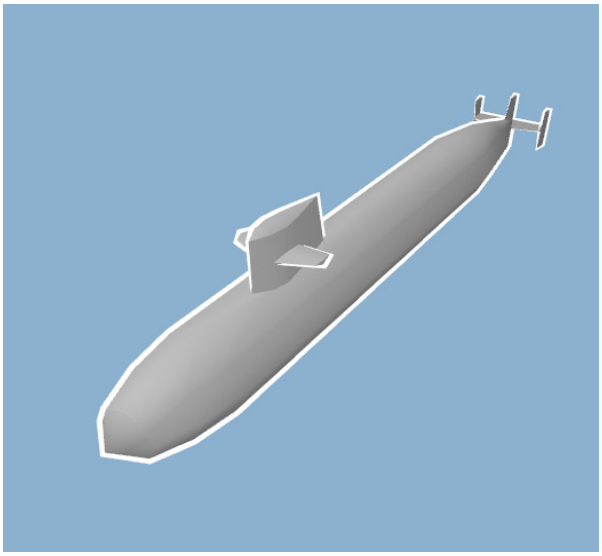
1.9.24. Type 093 (Shang-class) Submarine

- 1:1:4:45:3:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.25. Type 094 (Jin-class) Submarine

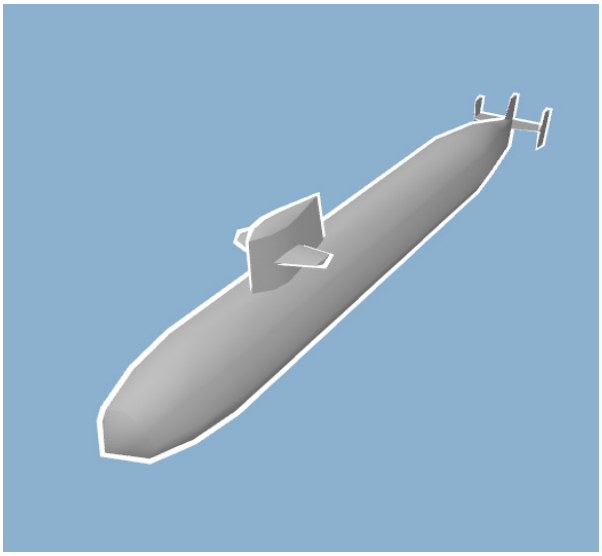
- 1:1:4:45:1:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.94444444445 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: ss-25-sickle-strategic-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.26. Type 209 Submarine



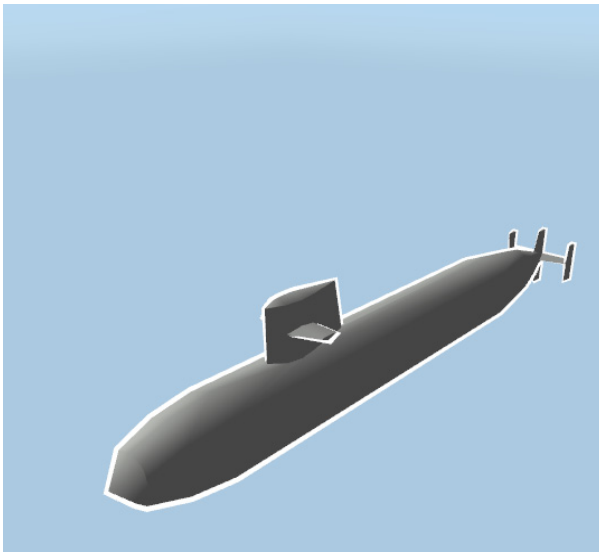
- 1:1:4:78:5:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.66666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.5
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 1
  - radar-signature: 3
  - visual-signature: 1.5

1.9.27. Type 212 Submarine



- 1:1:4:106:5:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.28. Ula-class Submarine

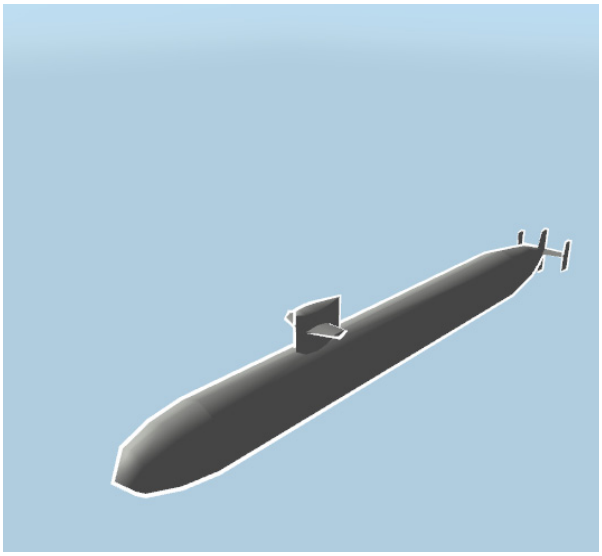


- 1:1:4:163:5:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.94444444445 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 1.5

1.9.29. Vanguard-class Submarine

- 1:1:4:224:1:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

1.9.30. Victor II-class Submarine



- 1:1:4:222:3:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 5 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: passive-sonar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.5
  - radar-signature: 3
  - visual-signature: 2

1.9.31. Victoria-class Submarine

- 1:1:4:39:5:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

1.9.32. Virginia Class Submarine

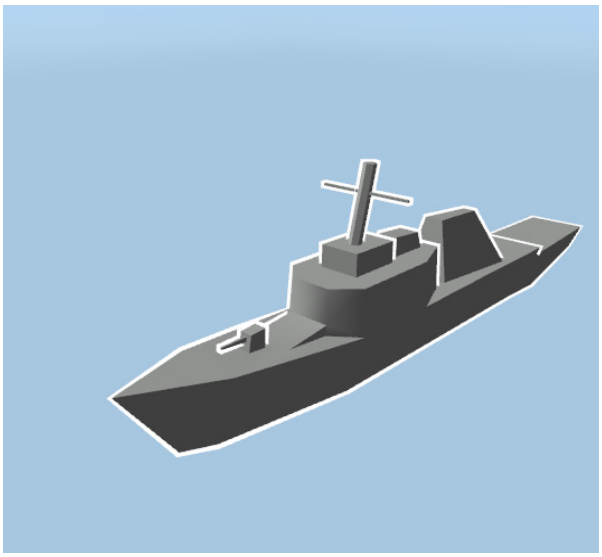
- 1:1:4:225:3:5:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 1
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

1.9.33. Walrus-class submarine

- 1:1:4:153:5:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.94444444445 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: active-sonar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0.75
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 0.75
  - radar-signature: 3
  - visual-signature: 1.5

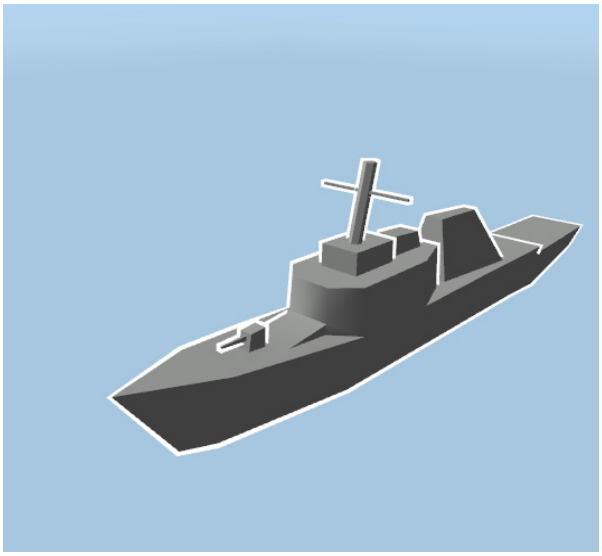
1.10. Surface

1.10.1. Admiral Grigorovich-class Frigate



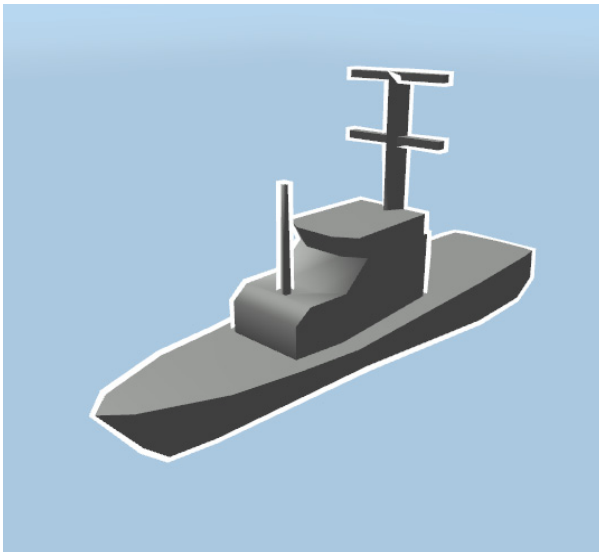
- 1:1:3:222:6:13:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.2. Ahmad Yani-class Frigate



- 1:1:3:100:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 9.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.3. Albatros-class Fast Attack

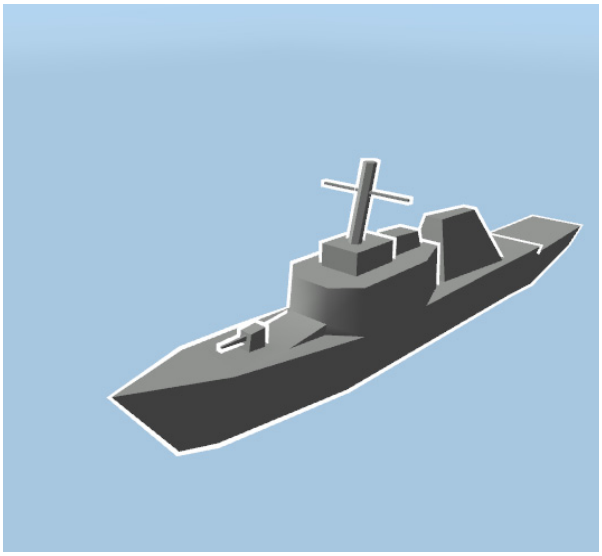


- 1:1:3:217:7:4:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.4. Albion-class LPD

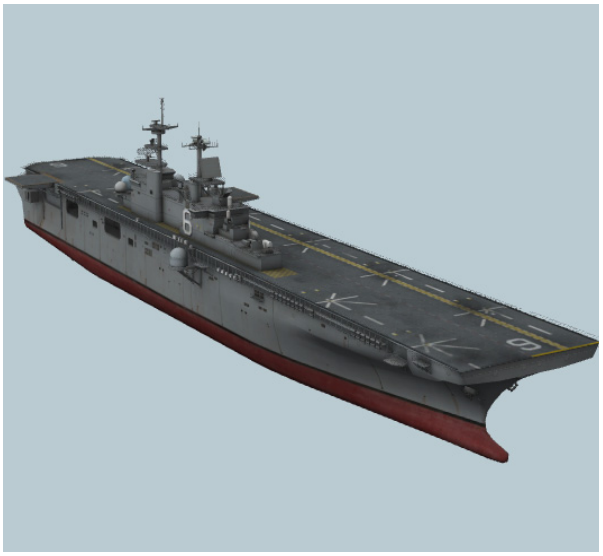
- 1:1:3:224:56:1:3:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 7.777777777778 m/s
- Systems:
  - Albion-class LPD-weapon-2: phalanx-20mm-gun.sysdef
  - Albion-class LPD-weapon: phalanx-20mm-gun.sysdef
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.5. Alta-class Minehunter



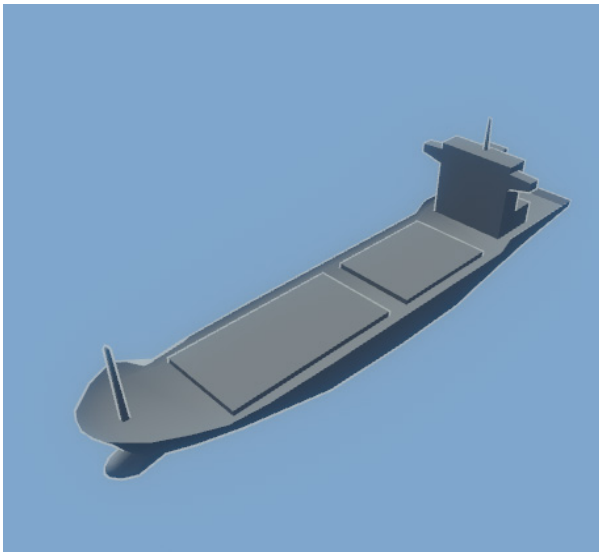
- 1:1:3:163:8:3:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor: active-sonar-sensor.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.6. America Class Amphibious Assault Ship



- 1:1:3:225:54:5:0:0

1.10.7. Antonov-class



- 1:1:3:222:16:88:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.7 m/s
- Ordered speed: 6 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.8. Aquitaine-class Frigate

- 1:1:3:71:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: 76mm-navalgun.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

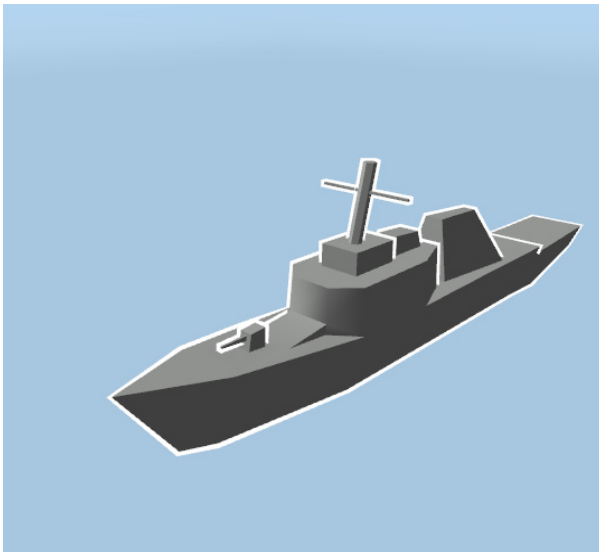
1.10.9. Archer Class Patrol Boat

- 1:1:3:224:7:6:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 23.05555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - Archer Class Patrol Boat-movement: small-boat.sysdef
  - damage: surface-default.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.10. Arleigh Burke-class Destroyer

- 1:1:3:225:4:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 16.66666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: MK45NavalGun.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon-6: phalanx-20mm-gun.sysdef
  - weapon: TLAM-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.11. Asagiri-class Destroyer



- 1:1:3:110:5:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

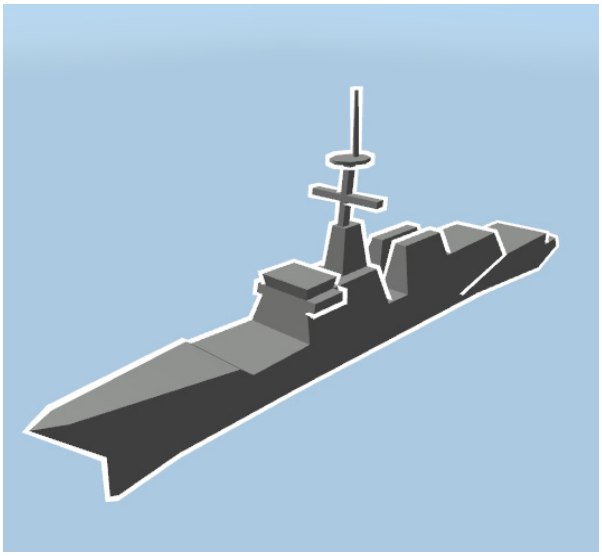
1.10.12. Auto Ferry

- 1:1:3:0:80:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.277778 m/s
- Ordered speed: 8.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.13. BM-28 Sea Lady Trawler

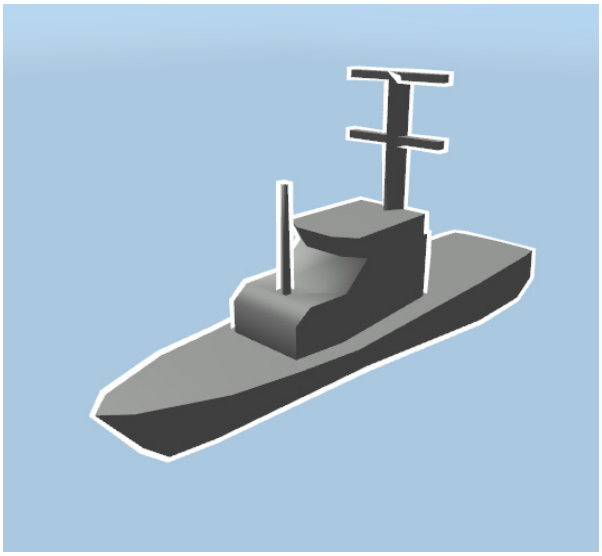
- 1:1:3:0:86:3:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Maximum speed: 5.444445 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 4
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 3
  - radar-signature: 30
  - visual-signature: 15

1.10.14. Bay-class DLS



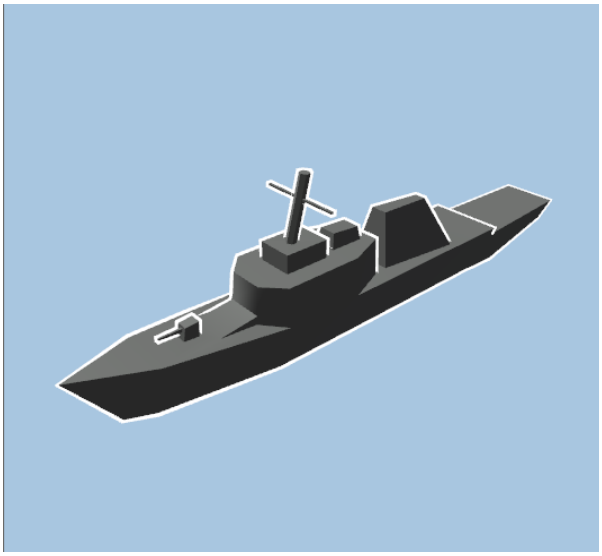
- 1:1:3:224:9:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 7.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.15. Bay-class Patrol Boat



- 1:1:3:13:7:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.16. Brandenburg-class Frigate



- 1:1:3:78:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: 76mm-navalgun.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

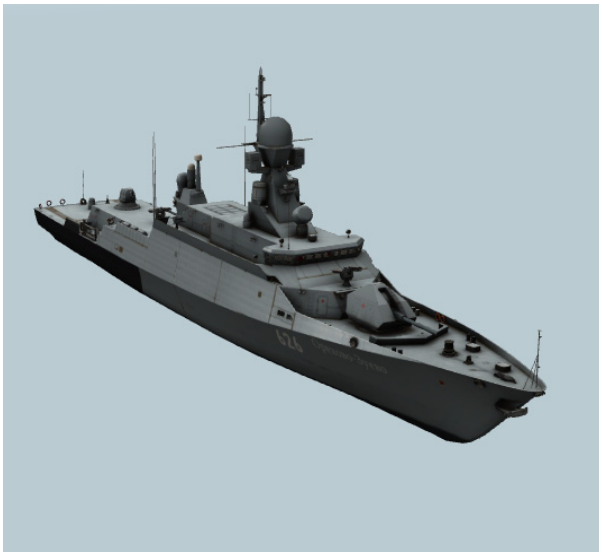
1.10.17. Braunschweig-class Corvette

- 1:1:3:78:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon: 76mm-navalgun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.18. Bremen-class Frigate

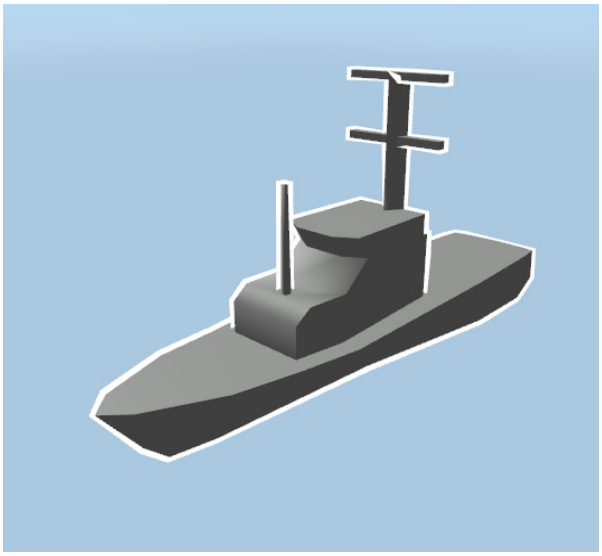
- 1:1:3:78:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: 76mm-navalgun.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon-6: vertical-missile-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.19. Buyan M Class Corvette



- 1:1:3:222:6:16:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: TLAM-vertical-missile-launcher.sysdef
  - weapon-3: naval-depth-charge-deployment.sysdef
  - weapon-4: MK45NavalGun.sysdef
  - weapon-5: phalanx-20mm-gun.sysdef
  - weapon-6: vertical-missile-launcher.sysdef
  - weapon-7: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.20. Cape-class Patrol Boat



- 1:1:3:13:7:5:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.21. Charles de Gaulle Class Carrier

- 1:1:3:71:1:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.22. Container Ship Loaded

- 1:1:3:0:61:1:1:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 6.7 m/s
- Ordered speed: 6 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.23. Container Ship

- 1:1:3:0:61:1:0:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.7 m/s
- Ordered speed: 6 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

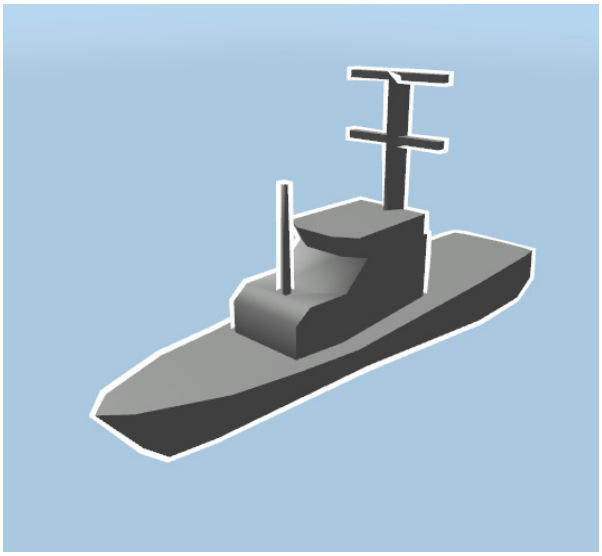
1.10.24. Cruise Ship

- 1:1:3:0:61:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.277778 m/s
- Ordered speed: 16 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.25. DDG-Aegis

- 1:1:3:225:4:1:50:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 16.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: radar-munition-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: MK45NavalGun.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon-7: aegis-abm-missile-launcher.sysdef
  - weapon: TLAM-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.26. Dabur-class Patrol Boat



- 1:1:3:105:7:6:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 14.72222222222 m/s
- Ordered speed: 10.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

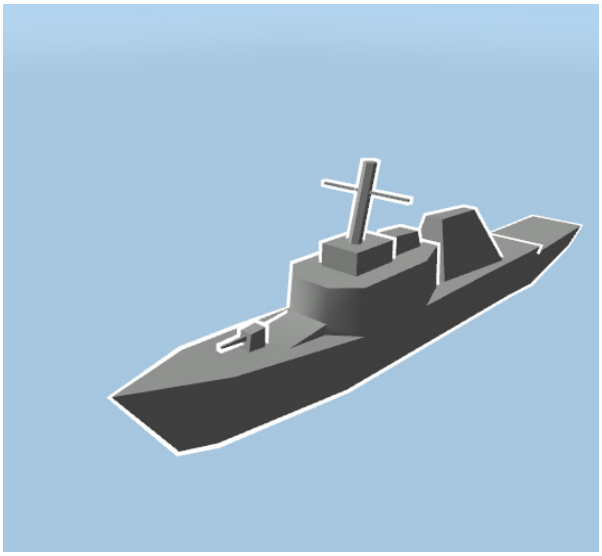
1.10.27. De Zeven Provincien Class Frigate

- 1:1:3:153:6:4:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: 76mm-navalgun.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon-4: phalanx-20mm-gun.sysdef
  - weapon-5: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.28. Defender Class B Patrol Boat

- 1:1:3:225:63:18:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.29. Delhi-class Destroyer

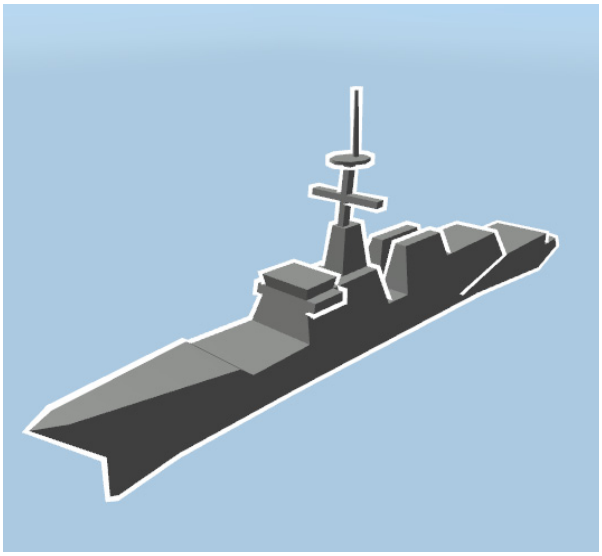


- 1:1:3:99:4:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.30. Durand de la Penne-class Destroyer

- 1:1:3:106:4:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon: 76mm-navalgun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.31. Echo-class Survey Ship



- 1:1:3:224:16:30:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.777777777776 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 5
  - radar-signature: 40
  - visual-signature: 25

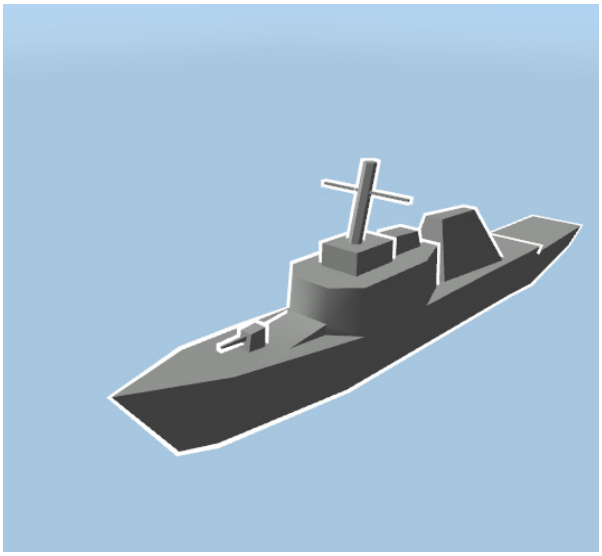
1.10.32. Elizabeth Coastal Freighter

- 1:1:3:0:17:11:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.7 m/s
- Ordered speed: 6 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.33. Eridan-class Minehunter

- 1:1:3:71:8:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 7.777777777778 m/s
- Ordered speed: 4.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: naval-mine-sweep.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.34. F-22P Zulfiquar-class Frigate

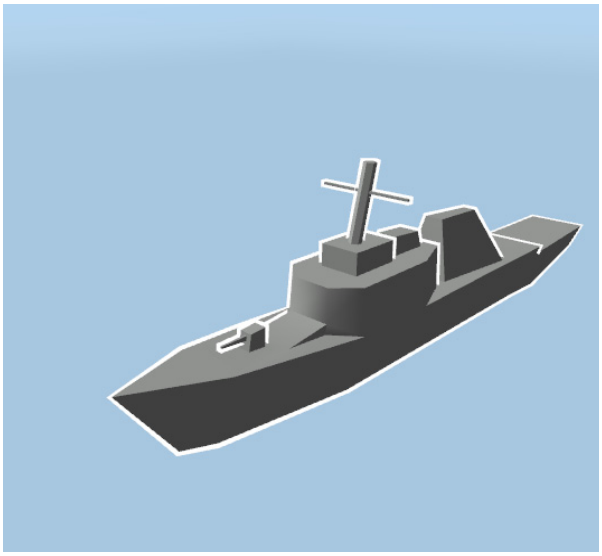


- 1:1:3:165:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.35. Fajr Houdong (Tondar) Class

- 1:1:3:45:7:14:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 21.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon-3: M2-machine-gun.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.36. Fatahillah-class Frigate

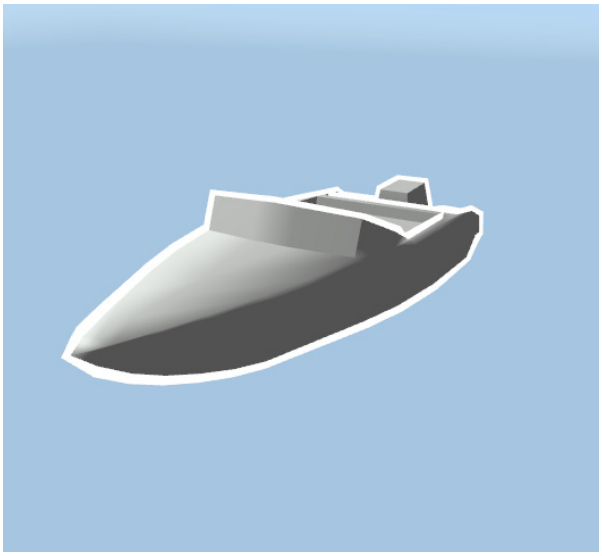


- 1:1:3:100:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10.83333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.37. Fishing Boat

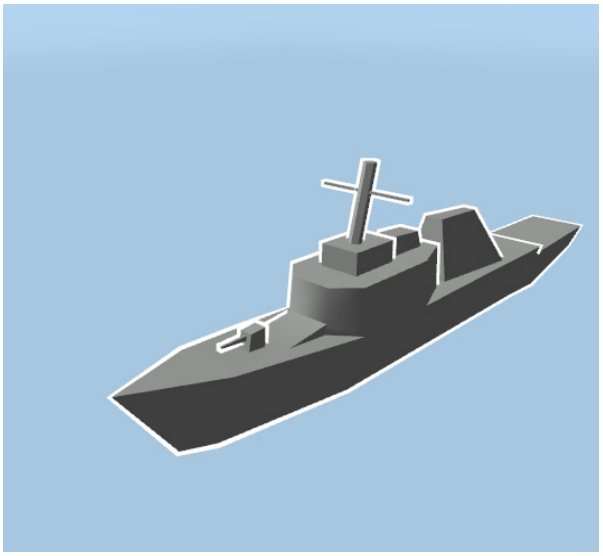
- 1:1:3:0:61:4:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Maximum speed: 5.444445 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 4
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 3
  - radar-signature: 30
  - visual-signature: 15

1.10.38. Fleet-class USV



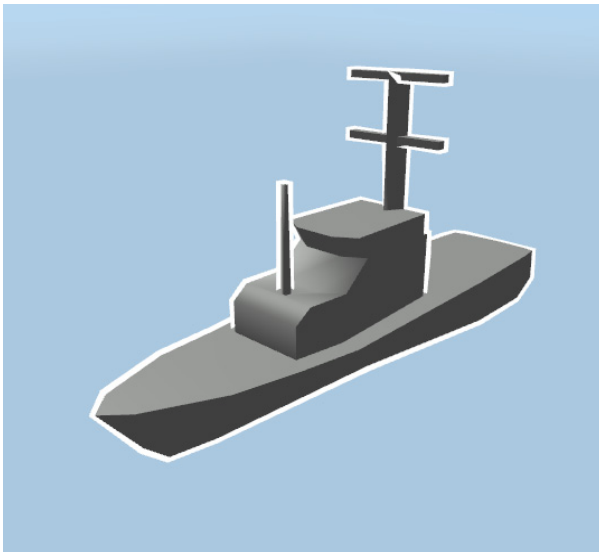
- 1:1:3:225:19:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.39. Floreal-class Frigate



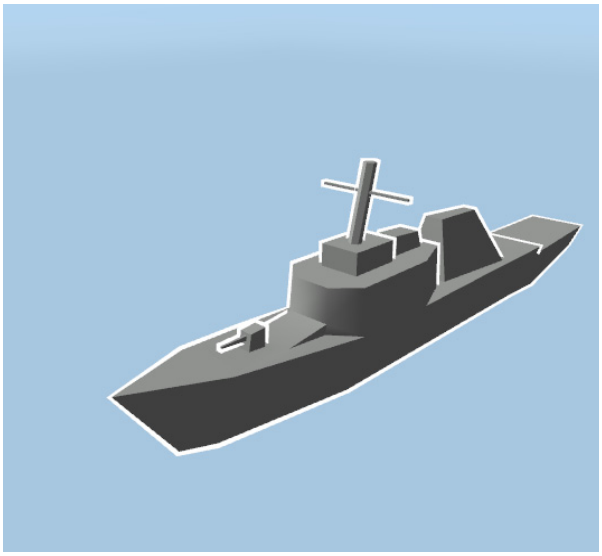
- 1:1:3:71:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.40. Flyvefisken-class Patrol Boat



- 1:1:3:57:7:4:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.41. Frankenthal-class Minehunter



- 1:1:3:78:8:6:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 5.833333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

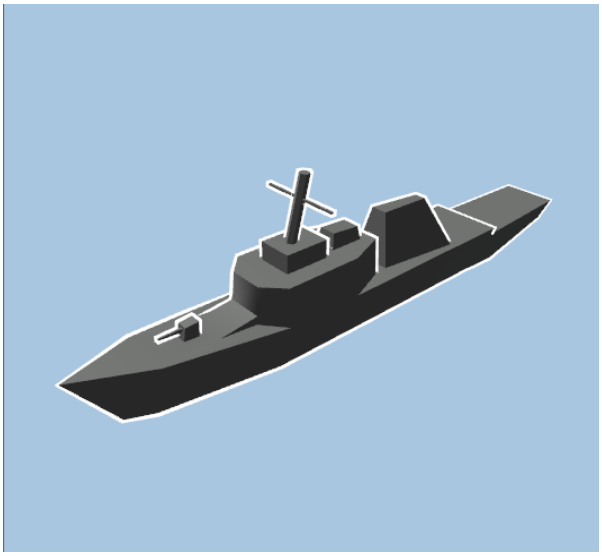
1.10.42. Fridtjof Nansen-class

- 1:1:3:163:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 13.3333333333 m/s
- Ordered speed: 8.055555555556 m/s
- Systems:
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: 76mm-navalgun.sysdef
  - weapon-4: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-5: TLAM-vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.43. Gaeta-class Minehunter

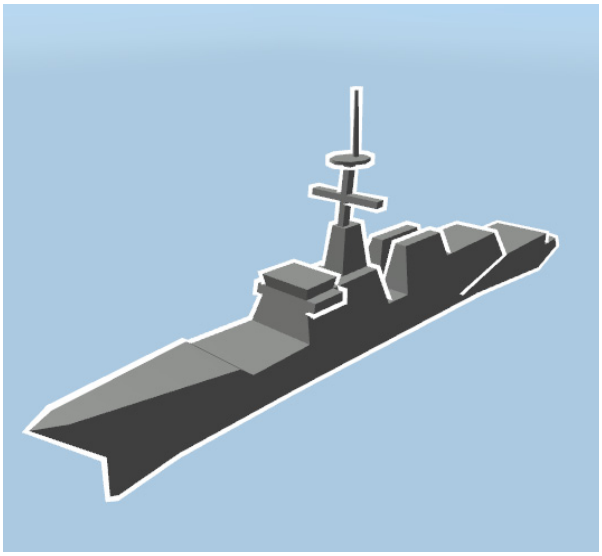
- 1:1:3:106:8:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.222222222222 m/s
- Ordered speed: 7.222222222222 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 6
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 4
  - radar-signature: 25
  - visual-signature: 10

1.10.44. Gepard-class Frigate



- 1:1:3:222:6:11:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.45. Grisha-class Corvette



- 1:1:3:222:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 17.5 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.46. Guided Missile Destroyer

- 1:1:3:225:4:0:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon: TLAM-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

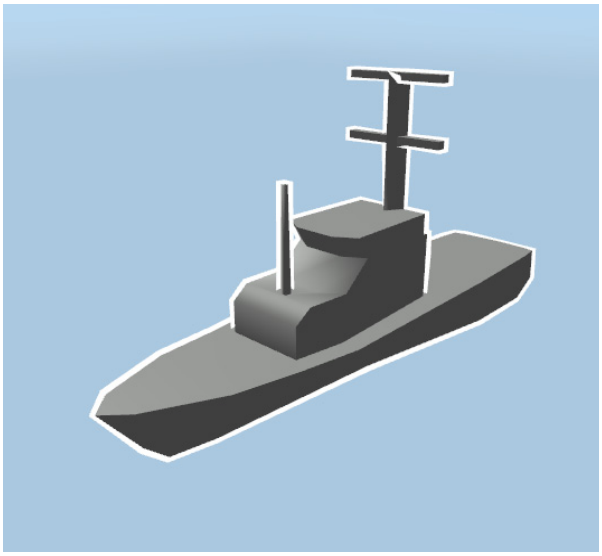
1.10.47. Halifax-class Frigate

- 1:1:3:39:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon-5: MK45NavalGun.sysdef
  - weapon-6: phalanx-20mm-gun.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.48. Hamilton Class Cutter WHEC

- 1:1:3:225:62:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.055555555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.49. Hamina Class Fast Attack

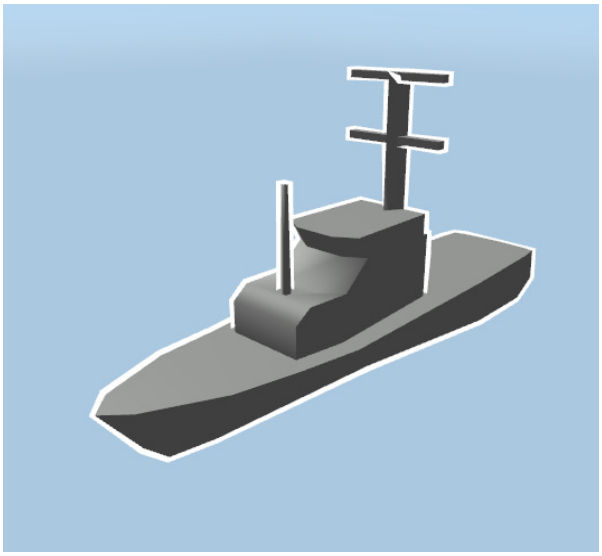


- 1:1:3:70:64:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.50. Harpers Ferry-class

- 1:1:3:225:9:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16 m/s
- Ordered speed: 16 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 30
  - visual-signature: 25

1.10.51. Hauk-class Fast Attack



- 1:1:3:163:7:2:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-3: MK45NavalGun.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.52. Henry J Kaiser-class Oiler

- 1:1:3:225:17:6:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-surface-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

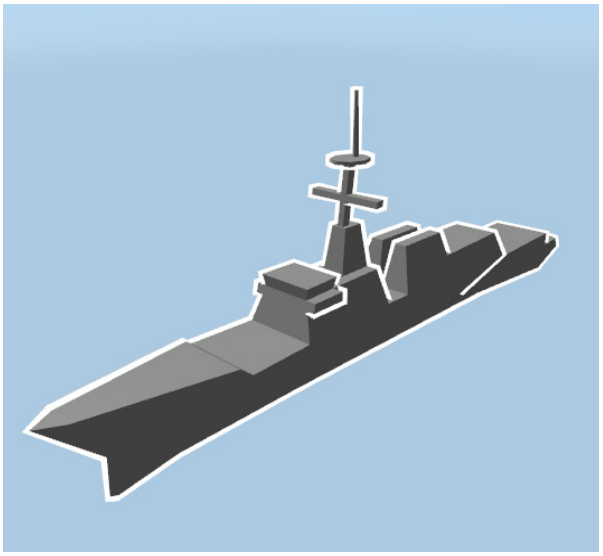
1.10.53. Holland Class OPV

- 1:1:3:153:7:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.05555555556 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: phalanx-20mm-gun.sysdef
  - weapon-3: M2-machine-gun.sysdef
  - weapon: 76mm-navalgun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.54. Horizon-class Destroyer

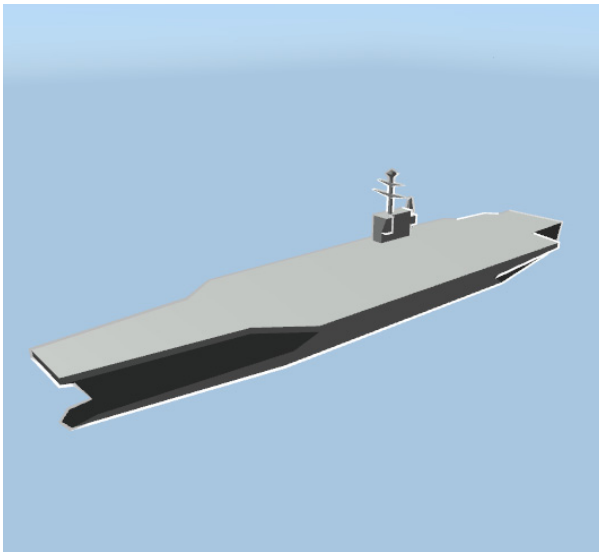
- 1:1:3:106:4:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: 76mm-navalgun.sysdef
  - weapon-3: 76mm-navalgun.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-6: TLAM-vertical-missile-launcher.sysdef
  - weapon-7: vertical-missile-launcher.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.55. Hunt-class Minehunter



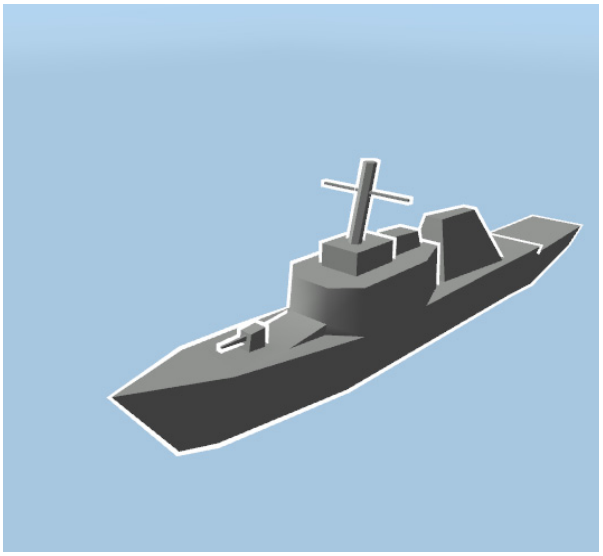
- 1:1:3:224:8:1:1:3
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.611111111111 m/s
- Ordered speed: 4.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-2: naval-mine-sweep.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 10

1.10.56. Invincible-class Carrier



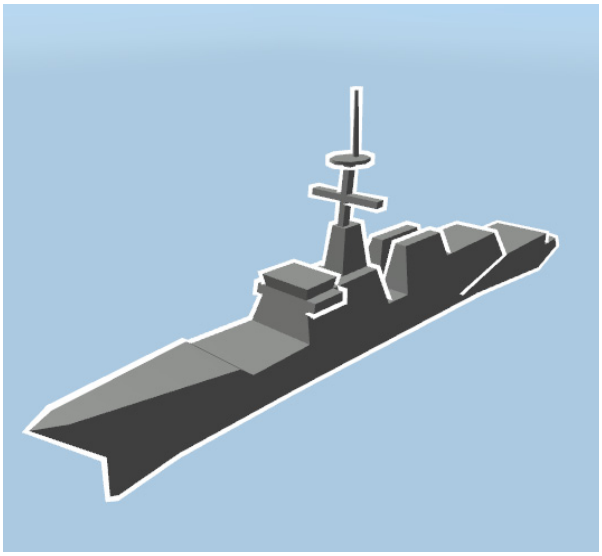
- 1:1:3:224:12:1:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 10.83333333333 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.57. Iroquois-class Destroyer



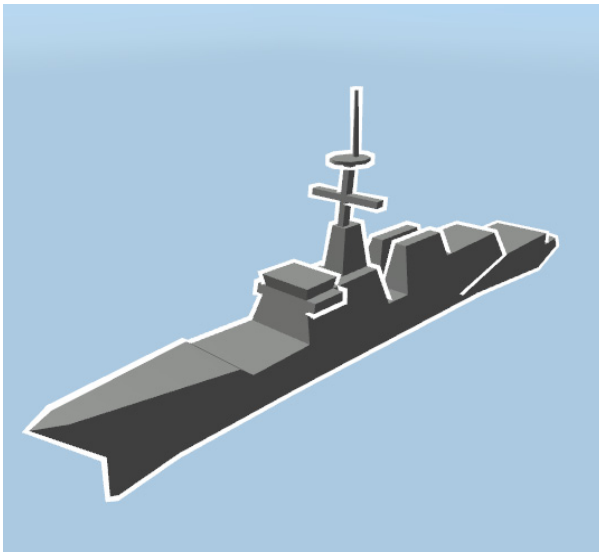
- 1:1:3:39:4:1:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: MK45NavalGun.sysdef
  - weapon-5: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-6: MK45NavalGun.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.58. Island-class Patrol Vessel



- 1:1:3:105:7:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.333333333331 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.59. Jacinto-class Corvette



- 1:1:3:173:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.833333333333 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

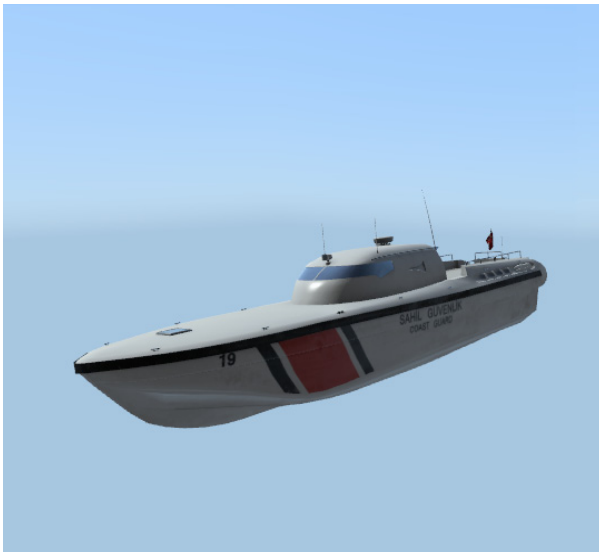
1.10.60. Jet Ski

- 1:1:3:0:61:9:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 9
  - visual-signature: 5

1.10.61. Jiangkai II Type 054A Frigate

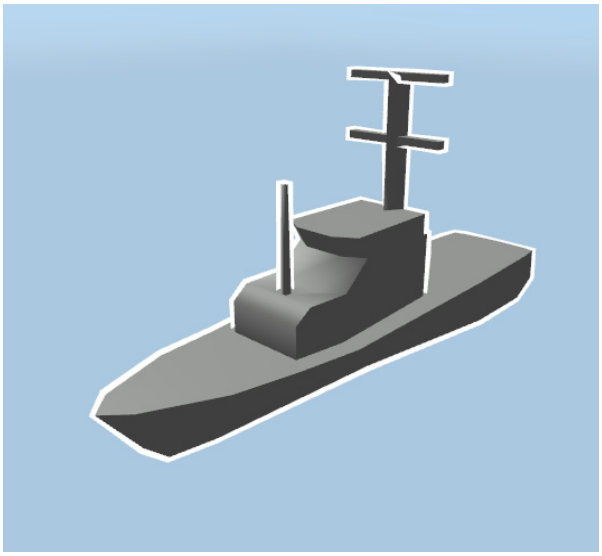
- 1:1:3:45:6:9:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: 76mm-navalgun.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon-4: phalanx-20mm-gun.sysdef
  - weapon-5: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-6: phalanx-20mm-gun.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.62. KAAN 19 Class Fast Patrol Craft



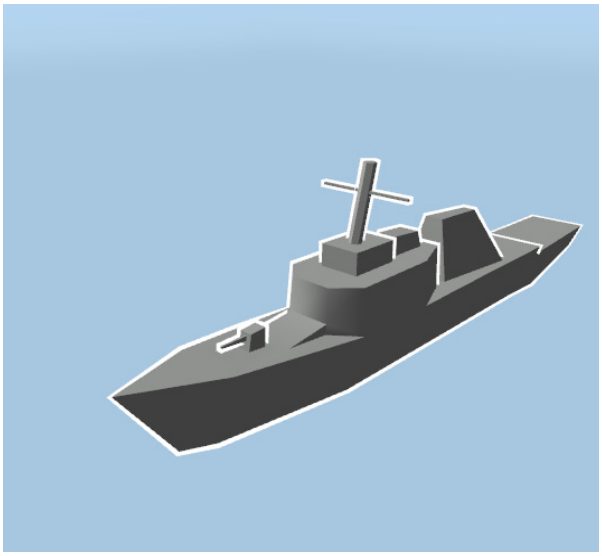
- 1:1:3:218:7:8:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.63. KCR-40 Clurit Class Fast Attack



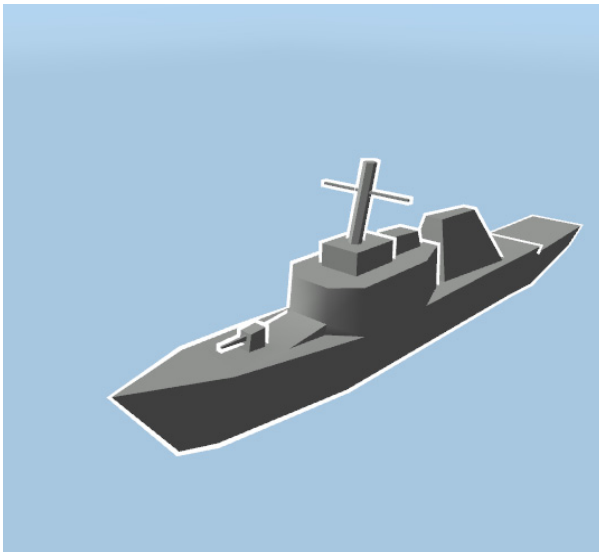
- 1:1:3:100:64:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.64. KD-III-class Destroyer



- 1:1:3:120:4:2:1:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.65. Karel Doorman Class Frigate

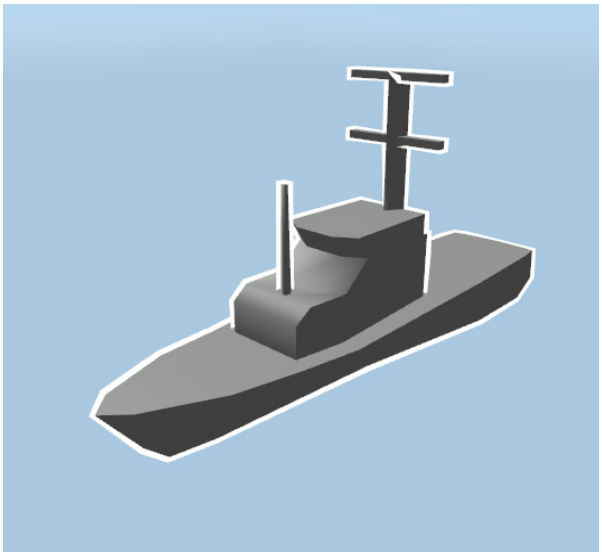


- 1:1:3:153:6:6:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.66. Karel Doorman Class Support Ship (A833)

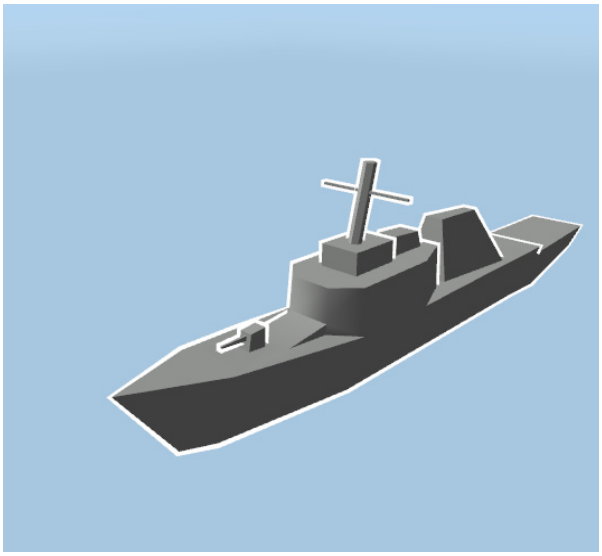
- 1:1:3:153:16:5:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: phalanx-20mm-gun.sysdef
  - weapon: phalanx-20mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 30
  - visual-signature: 25

1.10.67. Keeper Class (WLM)



- 1:1:3:225:62:9:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 6.111111111111 m/s
- Ordered speed: 4.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.68. Khareff-class Corvette

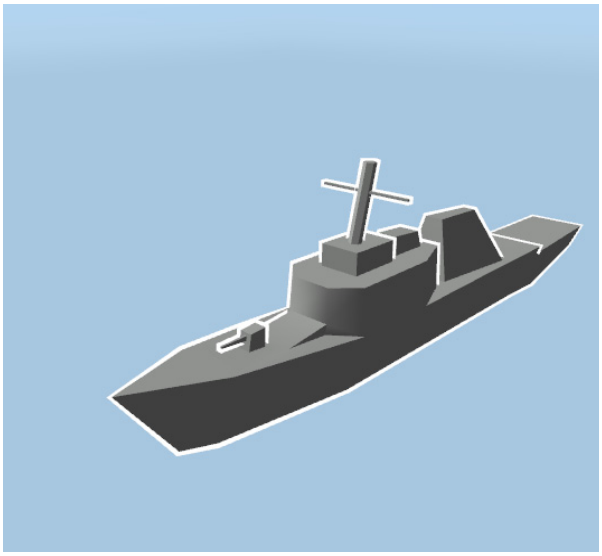


- 1:1:3:164:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.69. Kingston Class Patrol

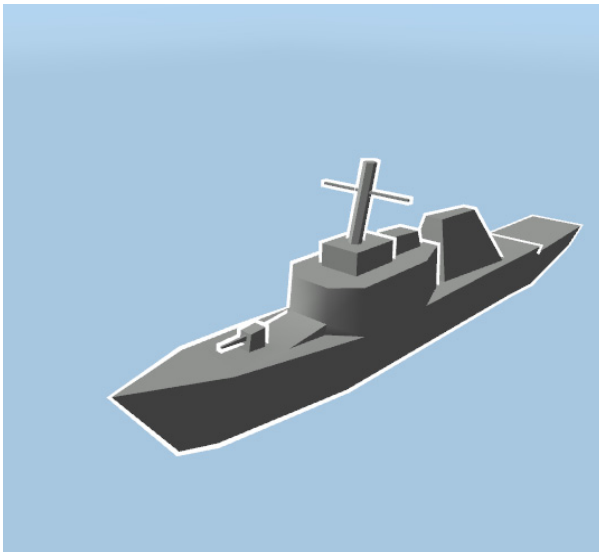
- 1:1:3:39:62:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.716666666667 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.70. Kirov-class Guided Missile Cruiser



- 1:1:3:222:3:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.71. Kolkata-class Destroyer



- 1:1:3:99:4:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

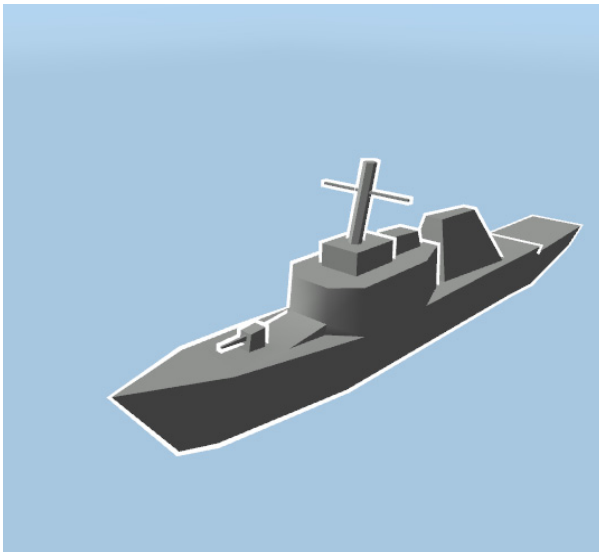
1.10.72. Krivak-class Guided Missile Frigate

- 1:1:3:222:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.4333 m/s
- Ordered speed: 16 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.73. Kuznetsov Class Carrier

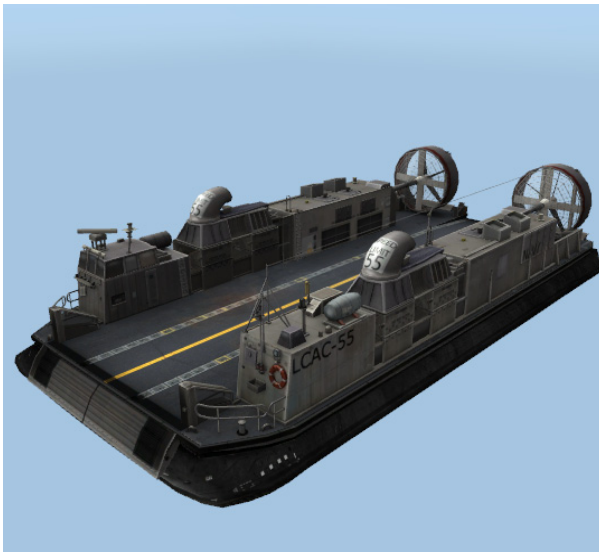
- 1:1:3:222:1:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.74. L-class Frigate



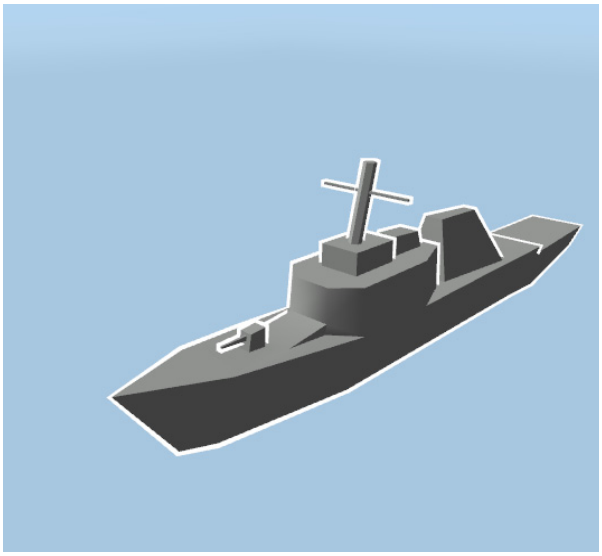
- 1:1:3:153:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.75. LCAC



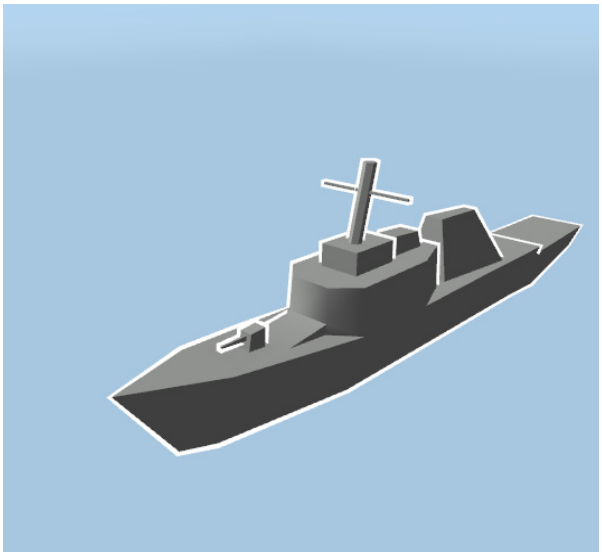
- 1:1:3:225:11:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 20.55555555556 m/s
- Ordered speed: 13.88888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: air-cushion.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 10

1.10.76. LCS Freedom Class



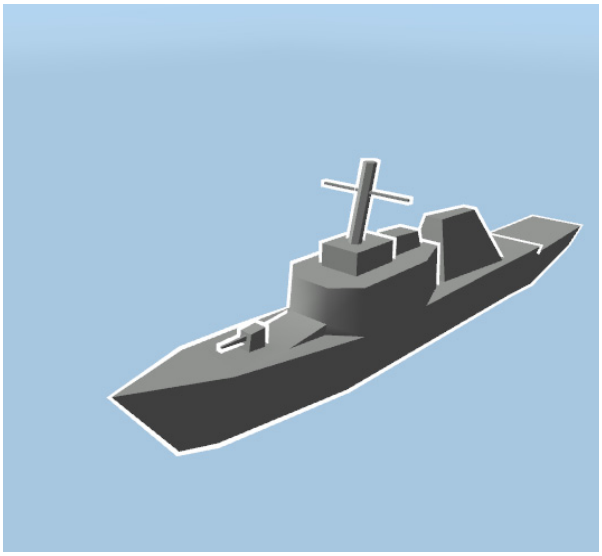
- 1:1:3:225:20:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 24.16666666667 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.77. LCS Independence Class



- 1:1:3:225:20:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 22.5 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.78. LPH01 Ocean



- 1:1:3:224:54:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 7.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.79. Lafayette-class Frigate

- 1:1:3:71:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 16.66666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - Lafayette-class Frigate-sensor: visual-sensor.sysdef
  - Lafayette-class Frigate-weapon: 76mm-navalgun.sysdef
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.80. Legend Class (WMSL)

- 1:1:3:225:62:8:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 7.777777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

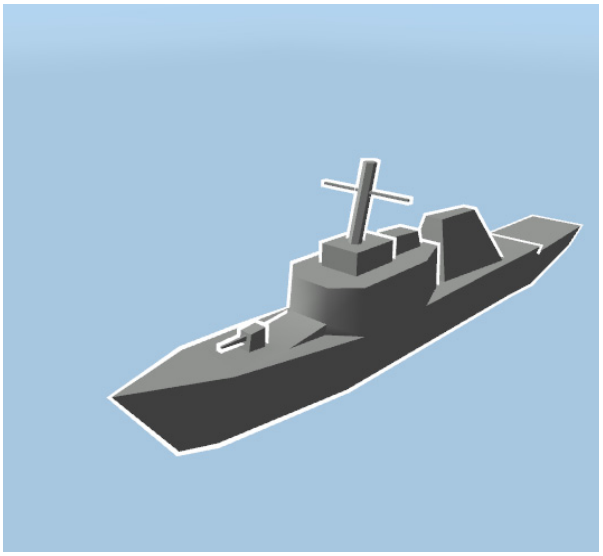
1.10.81. Lifeboat Enclosed Freefall

- 1:1:3:0:101:1:3:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 3.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.82. Liferaft Enclosed

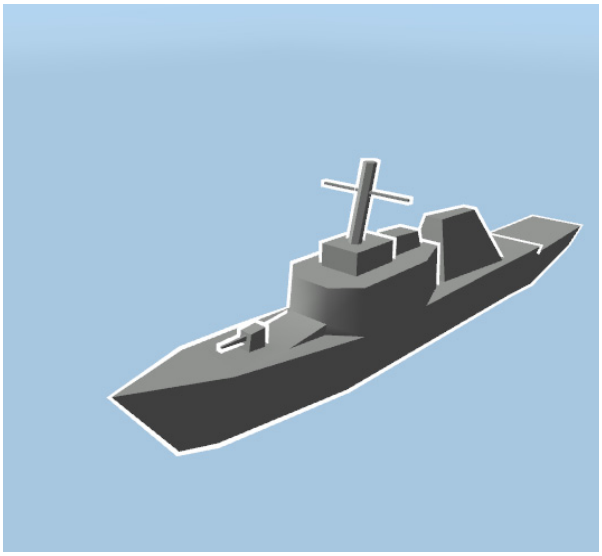
- 1:1:3:0:101:2:2:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 1.944444444444 m/s
- Ordered speed: 1.388888888889 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.83. Lupo-class Frigate



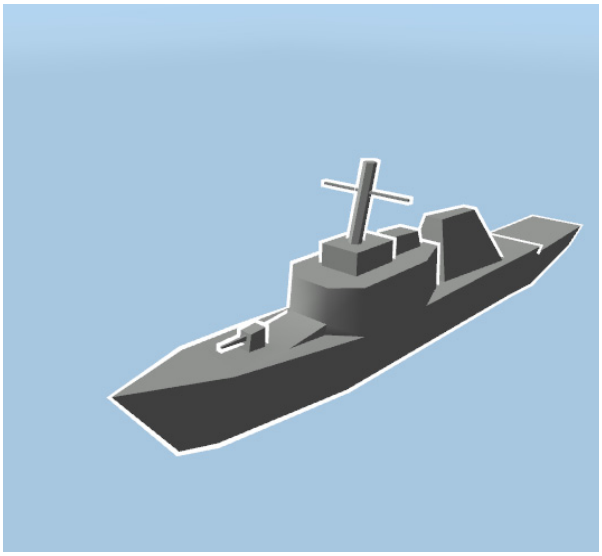
- 1:1:3:106:50:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: AswMissile.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.84. M-class Frigate



- 1:1:3:21:6:1:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.85. Maestrale-class Frigate



- 1:1:3:106:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: AswMissile.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

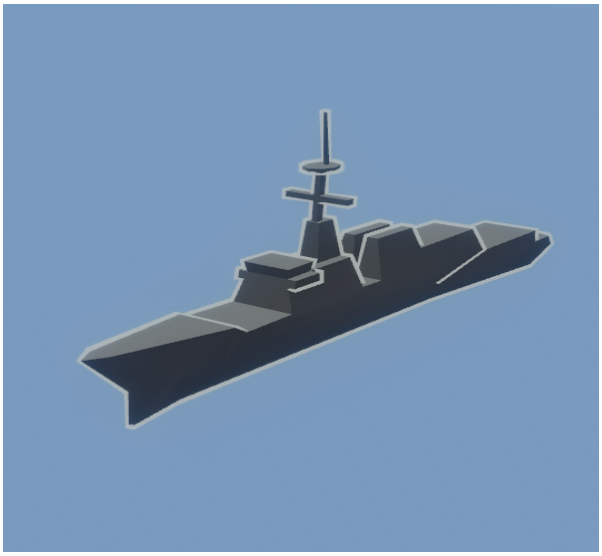
1.10.86. Marine Protector Class Patrol Boat

- 1:1:3:225:62:6:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.87. Milgem Class Corvette

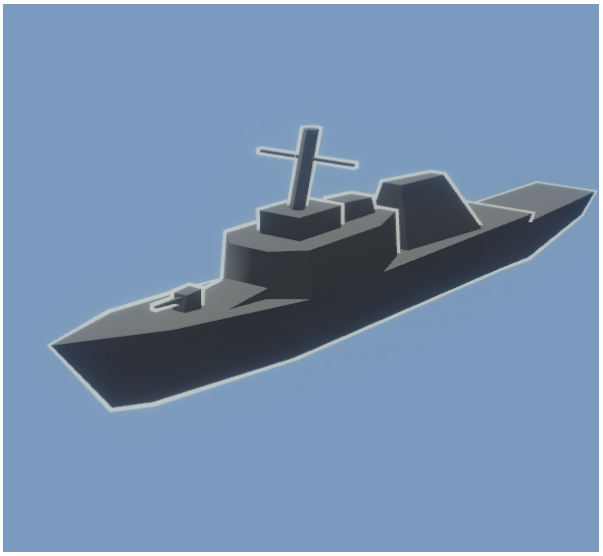
- 1:1:3:218:50:0:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.88. Mistral Class AAS



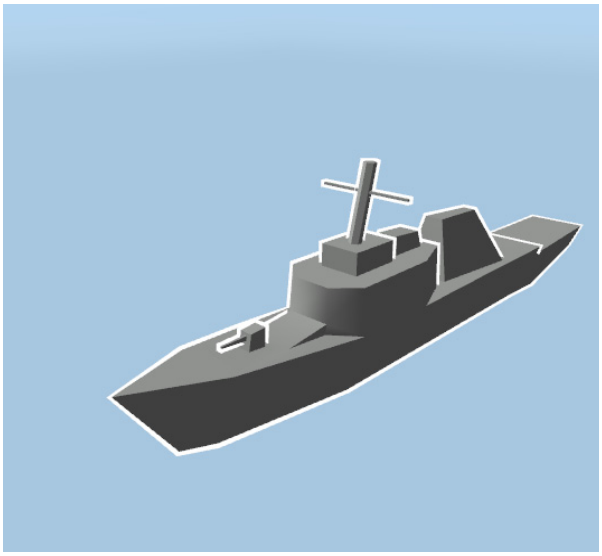
- 1:1:3:71:54:1:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 9.722222222222 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.89. Moudge-class Frigate



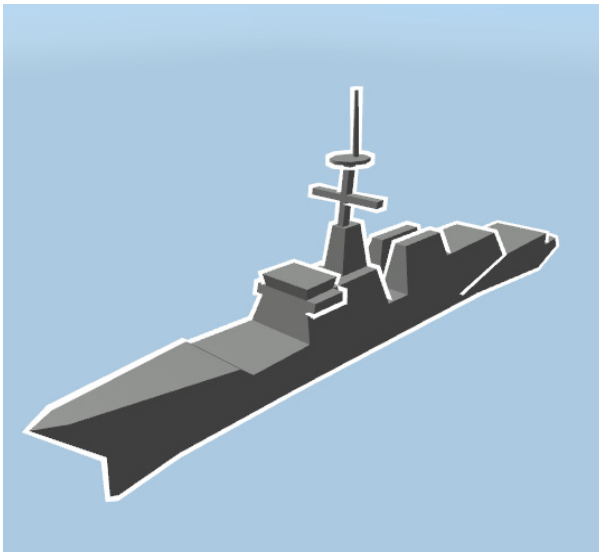
- 1:1:3:101:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.44444444444 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.90. Murasame-class Destroyer



- 1:1:3:110:5:8:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.91. Nanuchka III-class



- 1:1:3:222:6:8:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.92. National Security Cutter

- 1:1:3:225:62:8:0:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 7.777777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: spot-report-receiver.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

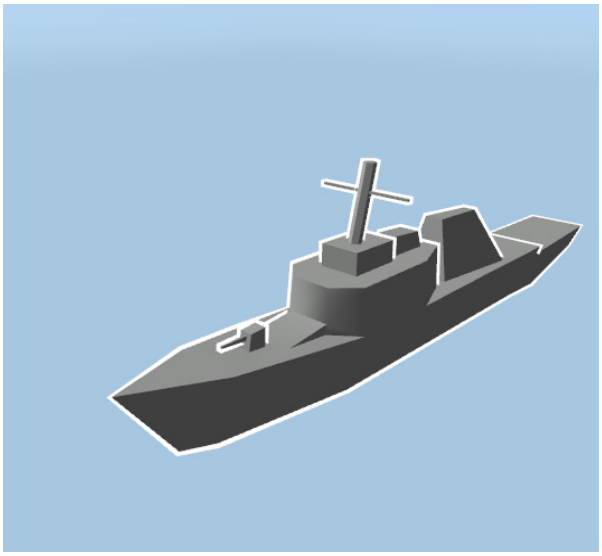
1.10.93. Neustrashimyy-class Frigate

- 1:1:3:222:6:4:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: 76mm-navalgun.sysdef
  - weapon-4: phalanx-20mm-gun.sysdef
  - weapon-5: phalanx-20mm-gun.sysdef
  - weapon-6: naval-depth-charge-deployment.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.94. Nimitz-class Carrier

- 1:1:3:225:1:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - Nimitz-class Carrier-weapon-2: phalanx-20mm-gun.sysdef
  - Nimitz-class Carrier-weapon-3: vertical-missile-launcher.sysdef
  - Nimitz-class Carrier-weapon-4: vertical-missile-launcher.sysdef
  - Nimitz-class Carrier-weapon: phalanx-20mm-gun.sysdef
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.95. Niteroi-class Frigate



- 1:1:3:29:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 6.111111111111 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: passive-sonar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.96. Oksoy-class Minehunter

- 1:1:3:163:8:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: spot-report-receiver.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 6
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 4
  - radar-signature: 25
  - visual-signature: 18

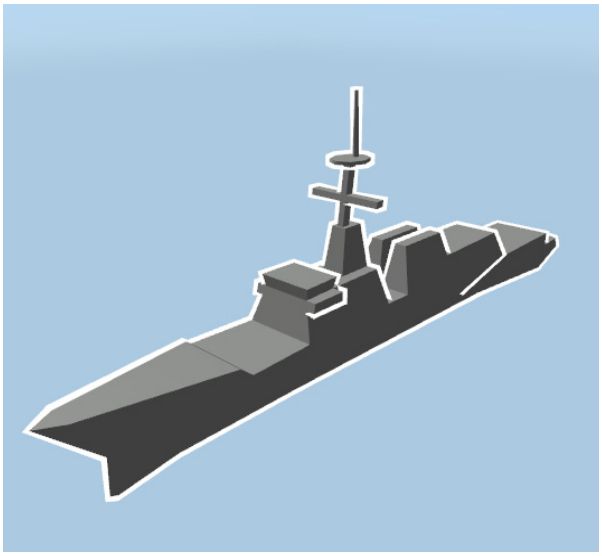
1.10.97. Osprey-class Mine CMS

- 1:1:3:225:8:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.333333333333 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 6
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 4
  - radar-signature: 25
  - visual-signature: 10

1.10.98. Passenger Ferry

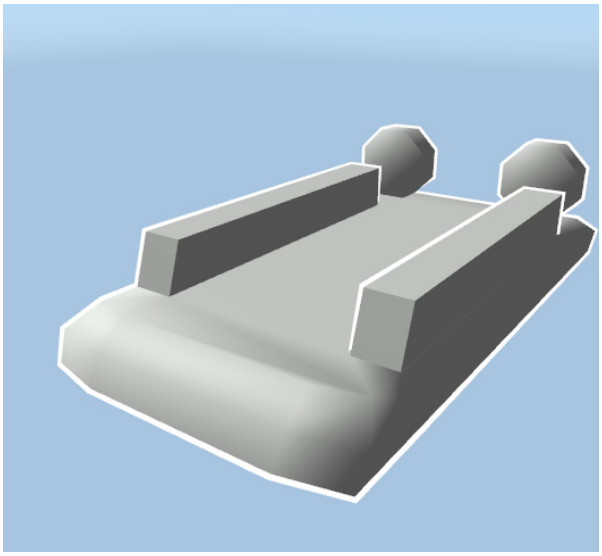
- 1:1:3:0:80:4:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.277778 m/s
- Ordered speed: 8.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.99. Pauk-class Corvette



- 1:1:3:222:7:7:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 17.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: AswMissile.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.100. Pomornik (Zubr)-class LCAC



- 1:1:3:222:15:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 17.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: air-cushion.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 30mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 10

1.10.101. Queen Elizabeth-class Carrier

- 1:1:3:224:1:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 13.61111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

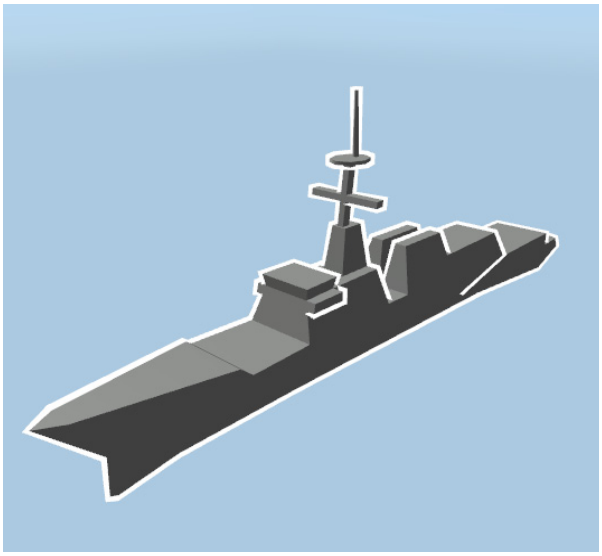
1.10.102. Rigid-Hulled Inflatable Boat - Civilian

- 1:1:3:225:63:8:0:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-1: airdrop-capable.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 8
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 6
  - visual-signature: 4

1.10.103. Rigid-Hulled Inflatable Boat

- 1:1:3:225:63:8:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: airdrop-capable.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: M2-machine-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 8
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 6
  - visual-signature: 4

1.10.104. River-class Patrol Vessel

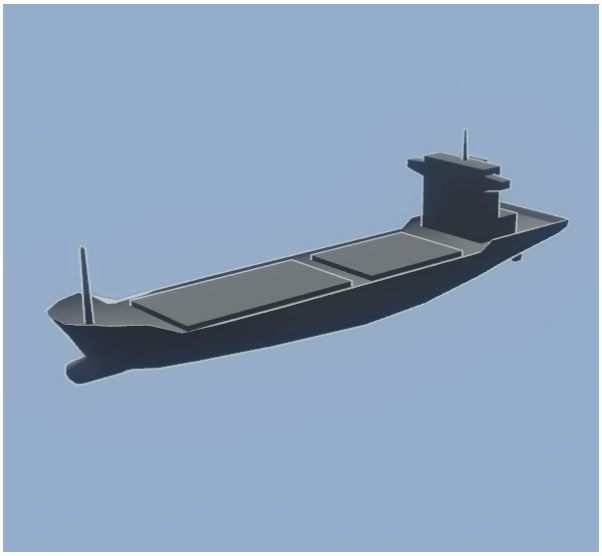


- 1:1:3:105:8:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.105. Ropucha Class Landing Ship

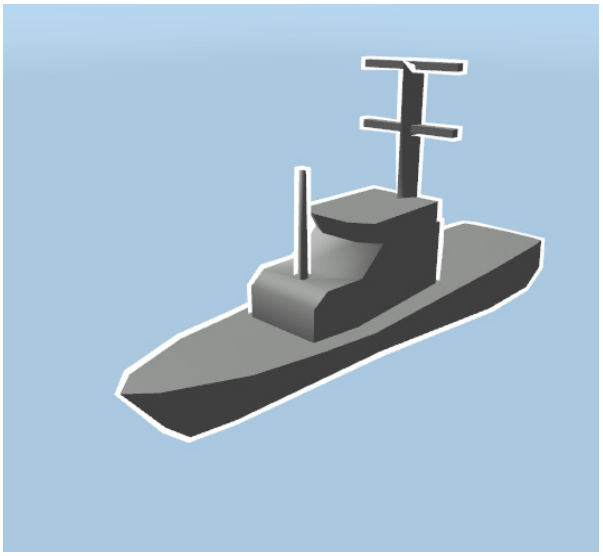
- 1:1:3:222:10:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: phalanx-20mm-gun.sysdef
  - weapon-3: phalanx-20mm-gun.sysdef
  - weapon: 76mm-navalgun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.106. Runnymede-class Landing Craft Utility 2000



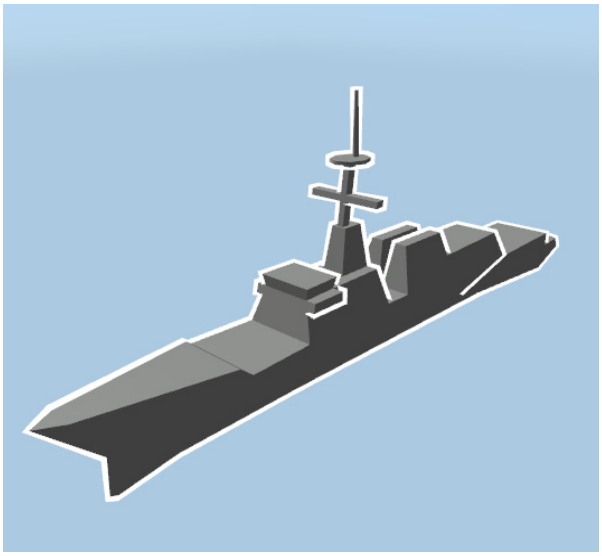
- 1:1:3:225:11:11:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 5.833333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 10

1.10.107. Saar 4-class Missile Boat



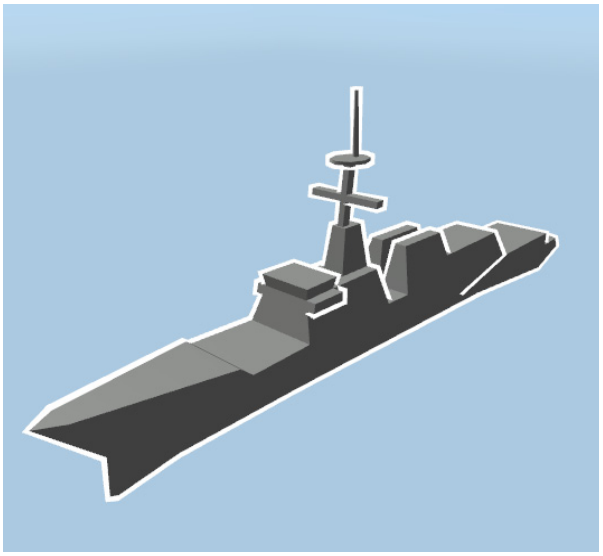
- 1:1:3:105:7:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 11.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.108. Saar 4.5-class Missile Boat



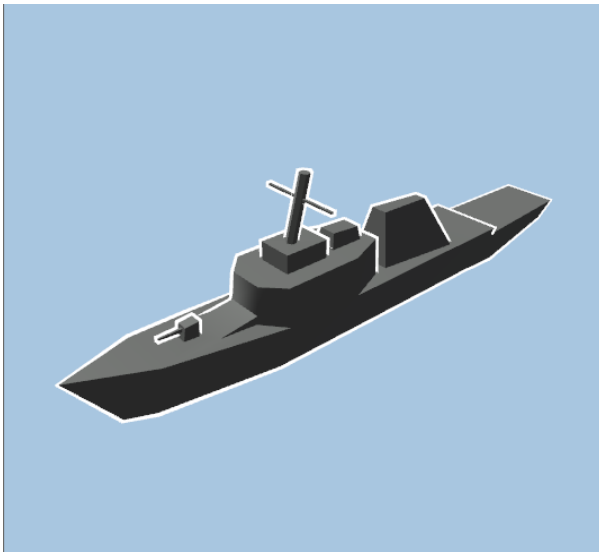
- 1:1:3:105:7:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 11.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.109. Saar 5-class Corvette



- 1:1:3:105:6:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 11.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 6
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 4
  - radar-signature: 25
  - visual-signature: 18

1.10.110. Sachsen-class Frigate

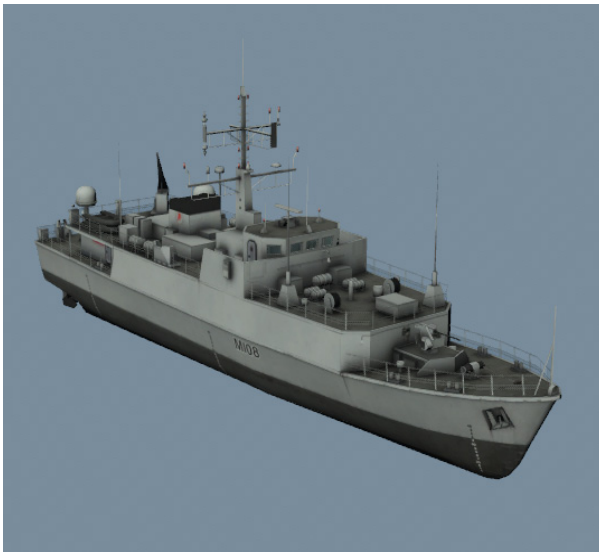


- 1:1:3:78:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.111. Sailboat

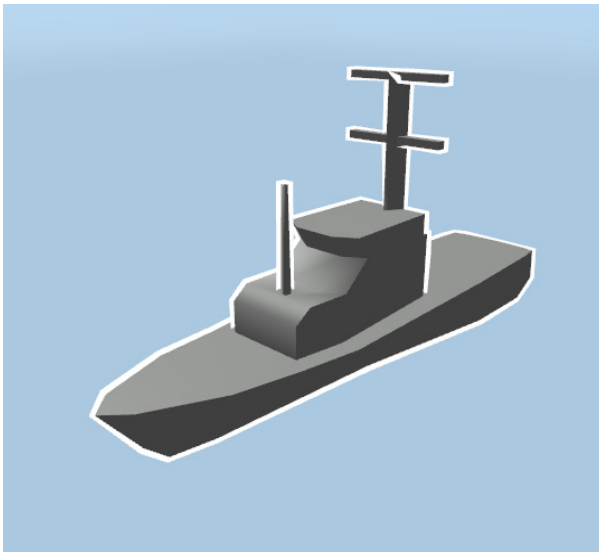
- 1:1:3:0:61:7:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 6.17 m/s
- Ordered speed: 3 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.112. Sandown-class Minehunter



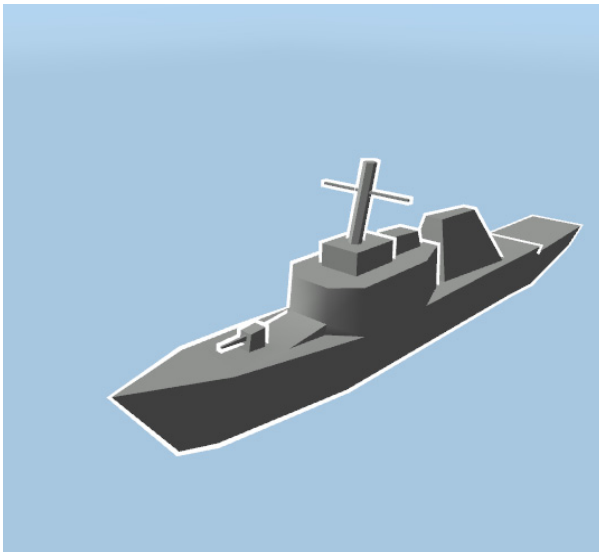
- 1:1:3:224:8:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 6.666666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - Sandown-class Mine-hunter-weapon: M2-machine-gun.sysdef
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 10

1.10.113. Sentinel Class (WPC)



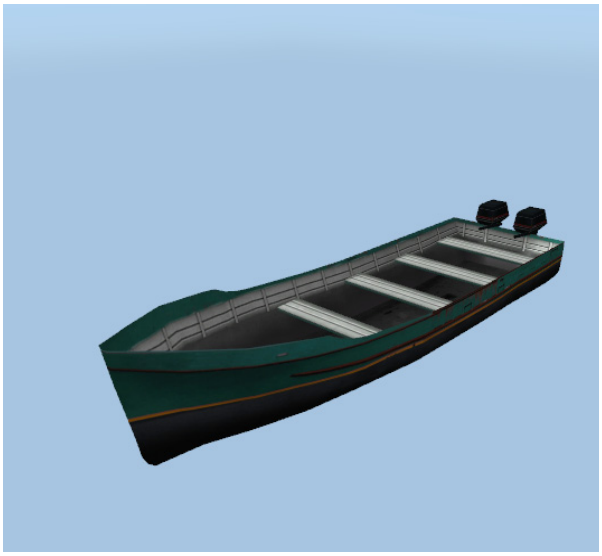
- 1:1:3:225:62:10:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.114. Sigma 9113-class Frigate



- 1:1:3:100:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 9.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-5: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.115. Skiff (Green)



- 1:1:3:0:84:1:0:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

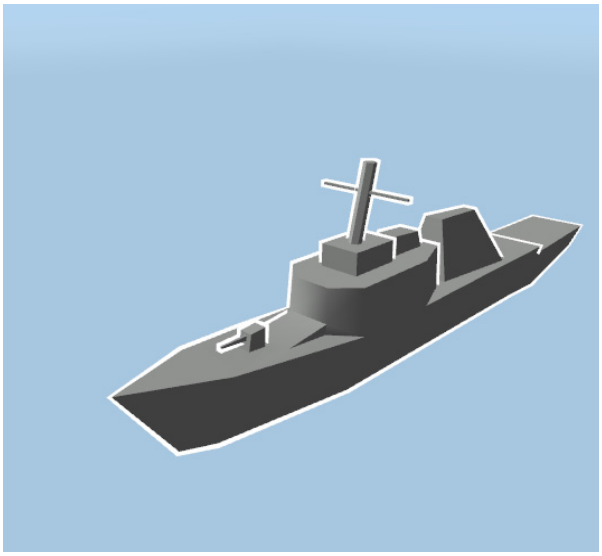
1.10.116. Skiff

- 1:1:3:0:84:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.117. Skjold Class Corvette

- 1:1:3:163:7:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 23.05555555556 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: 76mm-navalgun.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.118. Skjold-class Patrol



- 1:1:3:163:7:3:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-4: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-5: naval-mine-deployment.sysdef
  - weapon-6: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 10

1.10.119. Slava-class Guided Missile Cruiser

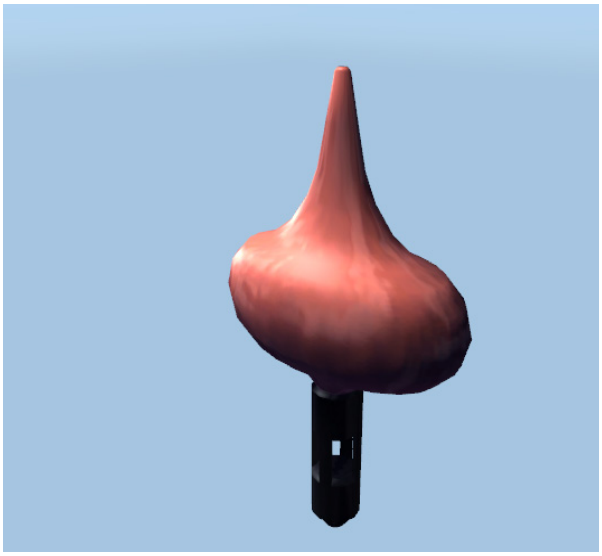
- 1:1:3:222:3:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - Slava-class Guided Missile Cruiser-weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - Slava-class Guided Missile Cruiser-weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - Slava-class Guided Missile Cruiser-weapon-4: vertical-missile-launcher.sysdef
  - Slava-class Guided Missile Cruiser-weapon-5: phalanx-20mm-gun.sysdef
  - Slava-class Guided Missile Cruiser-weapon-6: phalanx-20mm-gun.sysdef
  - Slava-class Guided Missile Cruiser-weapon-7: phalanx-20mm-gun.sysdef
  - Slava-class Guided Missile Cruiser-weapon: MK45NavalGun.sysdef
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef

- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.120. Sonobuoy (Active)

- 1:9:4:225:10:77:1:1
- Can embark: False
- Can be embarked on: False
- Systems:
  - other-10: tdl-ground-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-sonar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 1
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 2
  - visual-signature: 0.5

1.10.121. Sonobuoy (Passive)



- 1:9:4:225:11:77:1:1
- Can embark: False
- Can be embarked on: False
- Systems:
  - other-10: tdl-ground-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: passive-sonar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 1
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 2
  - visual-signature: 0.5

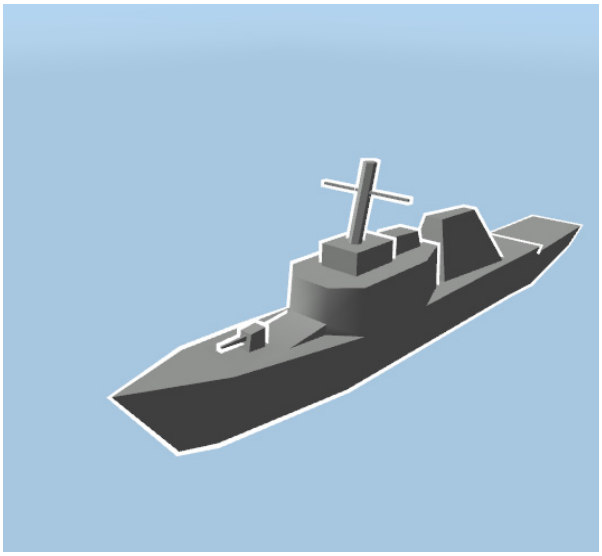
1.10.122. Sovremennyy-class Destroyer

- 1:1:3:222:4:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16 m/s
- Ordered speed: 10.16666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-3: Homing-torpedo-fwd-launcher.sysdef
  - weapon-4: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-5: naval-mine-deployment.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 27

1.10.123. Speedboat

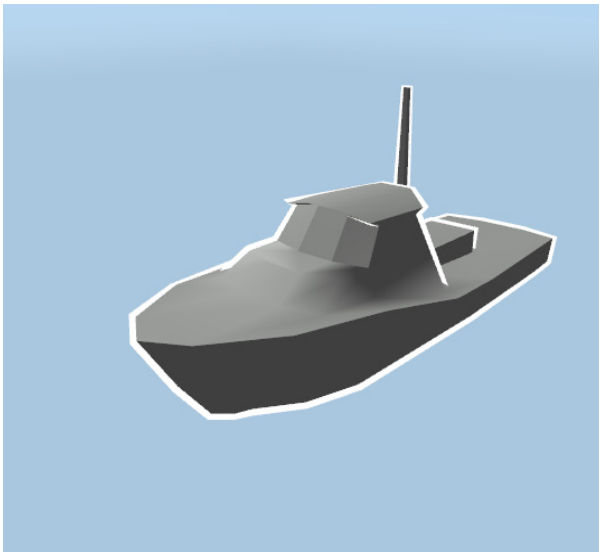
- 1:1:3:0:61:11:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.124. Steregushchiy-class Frigate



- 1:1:3:222:50:13:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: passive-sonar-sensor.sysdef
  - sensor-3: active-sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon: Homing-torpedo-fwd-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.125. Super Dvora Mark II



- 1:1:3:105:7:5:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 23.05555555555 m/s
- Ordered speed: 10.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 3
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.126. Super Tanker

- 1:1:3:0:61:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 8.25 m/s
- Ordered speed: 6 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.127. Tarantul-class Corvette

- 1:1:3:222:6:5:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 21.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: phalanx-20mm-gun.sysdef
  - weapon-3: phalanx-20mm-gun.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon-5: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: 76mm-navalgun.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 10

1.10.128. Tiara 3900 Yacht

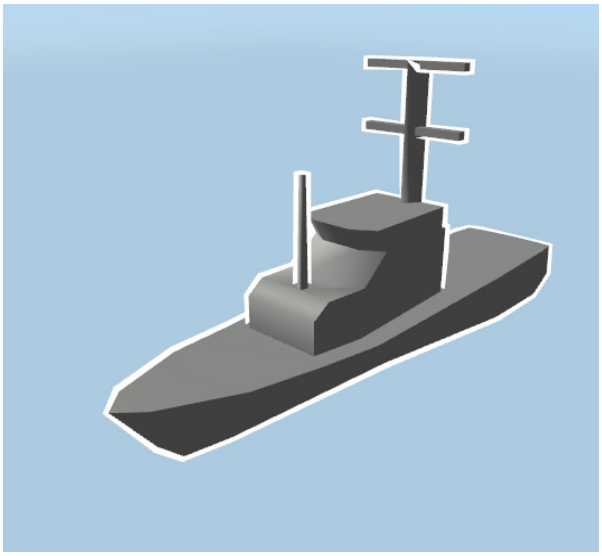
- 1:1:3:225:84:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.129. Ticonderoga Class Cruiser

- 1:1:3:225:3:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 13.88888888889 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-10: phalanx-20mm-gun.sysdef
  - weapon-11: TLAM-vertical-missile-launcher.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: MK45NavalGun.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon-6: phalanx-20mm-gun.sysdef
  - weapon-7: vertical-missile-launcher.sysdef
  - weapon-8: MK45NavalGun.sysdef
  - weapon-9: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: TLAM-vertical-missile-launcher.sysdef

- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.130. Tiger-class Fast Attack Craft

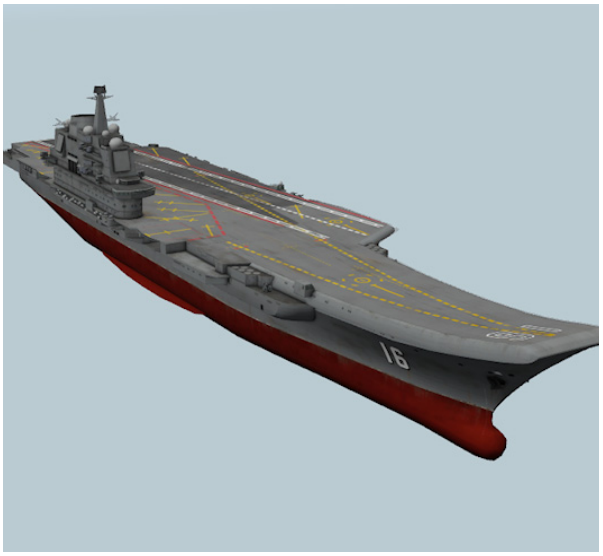


- 1:1:3:78:7:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 9.444444444448 m/s
- Systems:
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: naval-mine-sweep.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: sonobuoy-deployer.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: MK45NavalGun.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 6
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 4
  - radar-signature: 25
  - visual-signature: 10

1.10.131. Tugboat

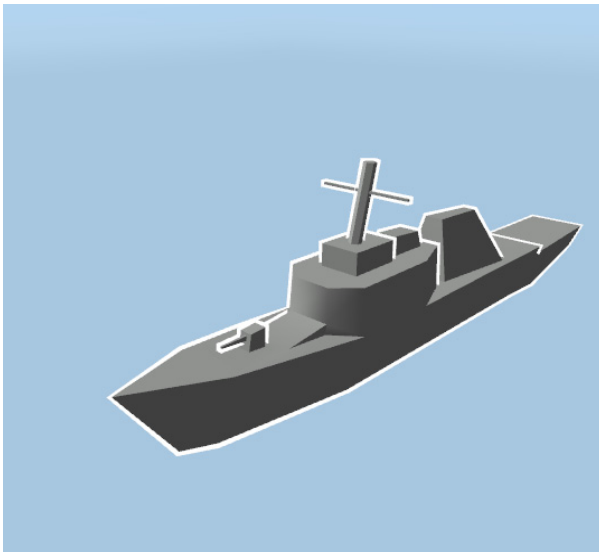
- 1:1:3:0:83:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 4.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 4
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 3
  - radar-signature: 30
  - visual-signature: 15

1.10.132. Type 001 Liaoning Class Carrier



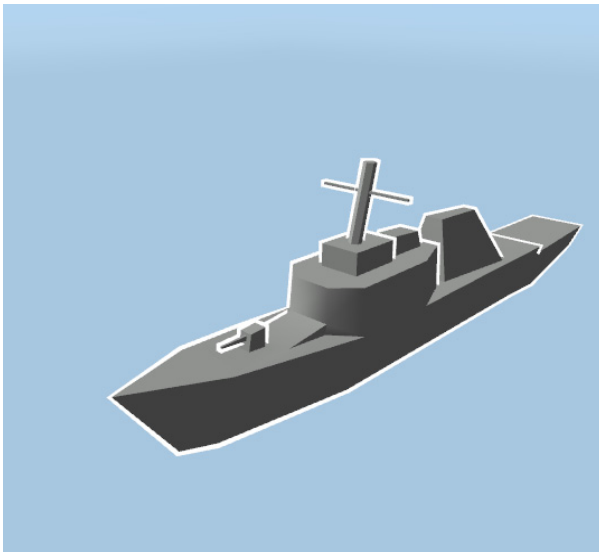
- 1:1:3:45:1:0:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.133. Type 056 Jiangdao Corvette



- 1:1:3:45:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 12.86111111111 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.134. Type 22 Frigate



- 1:1:3:224:6:2:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

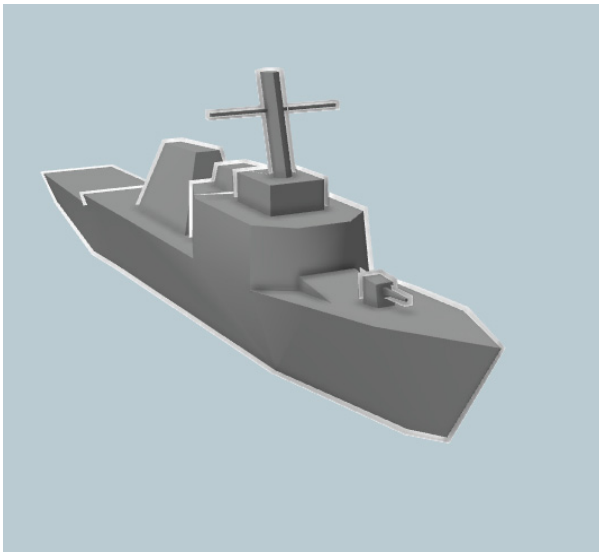
1.10.135. Type 23 Duke Class Frigate

- 1:1:3:224:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon-4: MK45NavalGun.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.136. Type 26 City Class Frigate

- 1:1:3:13:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: passive-radar-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: vertical-missile-launcher.sysdef
  - weapon-4: MK45NavalGun.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.137. Type 42 Sheffield Class Destroyer



- 1:1:3:224:4:1:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.5 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-3: naval-mine-deployment.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.138. Type 45 Daring Class Destroyer

- 1:1:3:224:4:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: naval-mine-deployment.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon-5: phalanx-20mm-gun.sysdef
  - weapon-6: phalanx-20mm-gun.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

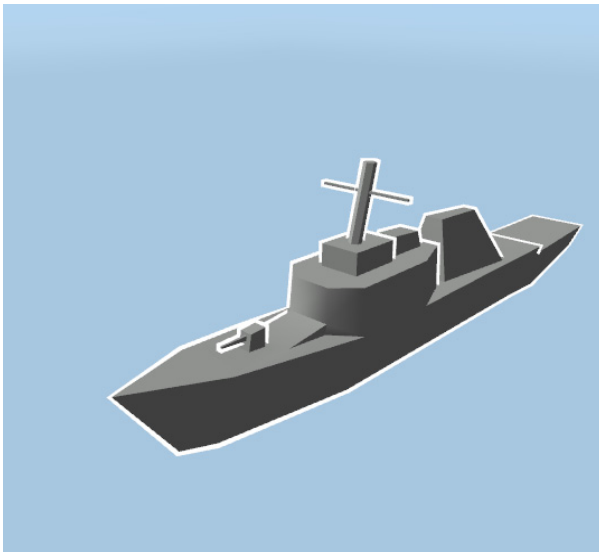
1.10.139. Type-80 Class Large Patrol Boat

- 1:1:3:218:7:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 4.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 4
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 3
  - radar-signature: 30
  - visual-signature: 15

1.10.140. Udaloy-class Destroyer

- 1:1:3:222:4:1:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Maximum speed: 18.00555555556 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: exocet-cruise-vertical-missile-launcher.sysdef
  - weapon-4: Homing-torpedo-fwd-launcher.sysdef
  - weapon: MK45NavalGun.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.141. Victory-class Corvette



- 1:1:3:193:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 19.16666666667 m/s
- Ordered speed: 9.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: spot-report-receiver.sysdef
  - other-4: spot-report-generator.sysdef
  - other: iff-transponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: Homing-torpedo-fwd-launcher.sysdef
  - weapon-3: exocet-cruise-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.142. Wasp Class Amphibious Assault Ship

- 1:1:3:225:54:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.38888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: phalanx-20mm-gun.sysdef
  - weapon-3: phalanx-20mm-gun.sysdef
  - weapon-4: vertical-missile-launcher.sysdef
  - weapon-5: vertical-missile-launcher.sysdef
  - weapon-6: vertical-missile-launcher.sysdef
  - weapon: phalanx-20mm-gun.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.143. Zumwalt Class Destroyer

- 1:1:3:225:4:8:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 16.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: ddg-embedded-support-craft.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: MK45NavalGun.sysdef
  - weapon-4: MK45NavalGun.sysdef
  - weapon-5: AswMissile.sysdef
  - weapon: TLAM-vertical-missile-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.11. Materially Classified Objects

The following models are materially classified. If viewed using SensorFX, sensor views represent physics-based sensors.

- A-10_Thunderbolt
- A-29 Super Tucano
- A400M Atlas
- A400M Tanker
- AAVC7A1_Landing_Vehicle
- AC-130U Spooky II
- AH-1W_SuperCobra
- AH-64A_Apache
- AH-64E Apache Guardian
- AH-64E Apache Guardian with FCR
- AH-64E Apache Guardian with UR
- AH-6_Little_Bird
- AHS Krab Howitzer
- AMX-30_MBT
- AMX-56_Leclerc_MBT
- AN_BLQ-11_UUV
- AN_MPQ-64 Phased Array SHORAD Radar
- AN_MPQ-65
- AS-90 Artillery
- ASTROS II MLRS
- AV-8B_Harrier_II
- AZP S-60
- Ababil UAV
- Afghan Soldier AK47
- Afghan Soldier Panzerfaust 3
- African Insurgent
- Agusta Westland AW-159 Wildcat
- AirMule
- Airbus 319 - Air China
- Airbus H145
- Airbus_320_AmericanAirlines
- Airbus_320_BritishAirways
- Airbus_320_Lufthansa
- Airbus_320_SingaporeAirlines
- Aircraft Baggage Conveyor
- Aircraft Baggage Truck
- Aircraft Baggage Wagon
- Aircraft Follow Me Car
- Aircraft Mobile Stairs

- Aircraft Tow Tractor 1
- Aircraft Tow Tractor 2
- Aircraft Towbar
- Airport Bus
- Ambulance
- Archer Class Patrol Boat
- Arleigh_Burke-class_Destroyer
- B-2_Spirit
- BAZ-69092 Tow Vehicle
- BM-28 Sea Lady Trawler
- BMP-1 AFV
- BMP-2_AFV
- BMP-3_AFV
- BTR-80_APC
- Belgian Soldier
- Bell 412
- Boeing_737_British_Midland
- Bombardier_CRJ100_Conrad_Air
- Bombardier_CRJ200_Air_France
- Box Truck
- Bulldozer
- C-130J Super Hercules
- C-130_Hercules
- CC-150 Polaris
- CH-149_Cormorant
- CH-47F Chinook
- CH-47_Chinook
- Cessna 172 Skyhawk
- Cessna 185 Skywagon Floats
- Charles de Gaulle Class Carrier
- Chengdu J-20
- Chevrolet Caprice
- Colombian Airforce
- Container_Ship
- Container_Ship_Loaded
- DJI S1000
- DJI Spark Quadcopter
- Dutch Soldier
- E-2 Hawkeye
- E-3_Sentry
- E-8C JSTARS
- EA-18G Growler
- EA-6B_Prowler

- EC-120 Eurocopter Colibri
- EC-135 Eurocopter
- Economy Compact Size Sedan
- Elizabeth Coastal Freighter
- F-117A_Nighthawk
- F-15_Eagle
- F-16A_Fighting_Falcon
- F-35_Lightning_II
- F-5E Tiger
- FV101_Scorpion_CVR
- FV107 Scimitar
- FV4030_4_Challenger_MBT
- F_A-18_Hornet
- Federal Express Truck
- Fennec
- Fiat 124
- Fire_Engine
- Fishing_Boat
- Food Truck
- Ford Aircraft Oil Truck
- Fuel_Tanker_Trailer
- GAZ-66 Truck
- GAZ-69_Utility_Vehicle
- Guided_Missile_Frigate
- Insurgent
- Iveco LMV
- JAS 39 Gripen
- Jet_Ski
- KAAN 19 Class Fast Patrol Craft
- KC-130 Hercules Tanker
- KC-130J Super Hercules Tanker
- KC-135 Stratotanker
- KC-46A Pegasus
- Kingston-class Patrol vessel
- Kornet D
- L-39 Albatros
- LAV III APC
- LAV-25
- LAV-25 Anti Tank
- LAV-AD
- LAV-C2 (Command and Control)
- LAV-M (Mortar)
- LAV-R (Recovery)

- LCAC
- LSD_Harpers_Ferry-class_Ship
- Ladder Truck
- Lafayette-class Frigate
- Legend Class (WMSL)
- Leo2A4_Tank
- Leopard 2 (POL)
- Libyan Soldier Dragunov
- Los_Angeles-Class_Submarine
- M-346 Master
- M-Gator ATV
- M1025 HMMWV with M2
- M1028 FMTV Cargo Truck
- M1028 FMTV Cargo Truck w_ trailer
- M1046 HMMWV with TOW launcher
- M1068 Command Post
- M1083A1 FMTV Cargo Truck
- M1083A1 FMTV Troop Seat Flatbed Truck
- M1089A1 FMTV Wrecker
- M109A5_SP_Howitzer
- M1117 Guardian ASV
- M1120 Palletized Loading System (PLS)
- M1120A4 HEMTT LHS
- M1126 Stryker w_ M2
- M1126 Stryker w_ MK19
- M1126_Stryker_ICV
- M1134 Stryker ATGM
- M113_APC
- M1140 HIMARS ATACMS
- M1151 HMMWV ECAC
- M1157 Dump Truck
- M1157 FMTV Troop Seat Dump Truck
- M1278 JLTV-GP
- M142 HIMARS
- M1977 Common Bridge Transport (CBT)
- M1A2_Abrams_MBT
- M252_Mortar
- M270 MLRS
- M2A2_Bradley_IFV
- M2A3 Bradley (IFV)
- M35 Truck
- M3A2_Bradley_CFV
- M577A2_Command_Post

- M7 BFIST
- M915 Tractor Truck
- M939A2_5-Ton_Truck
- M977_HEMTT_Cargo_Truck
- M978_HEMTT_Fuel_Truck
- M983 HEMTT Patriot Tractor
- M984 HEMTT Wrecker w_ M240B
- M985 HEMTT Heavy Cargo
- M992A2 FAASV
- M993_MLRS
- M998 HMMWV Utility Vehicle
- MAN HX
- MH-60 Black Hawk
- MH-60L Black Hawk DAP
- MIG-21 Fishbed
- MIM-104 Patriot Remote Launcher
- MIM-104_Patriot_Launcher
- MO-120RT-61 Mortar
- MQ-4C Triton
- MQ-8B Fire Scout
- MQ-9_Reaper_UAV
- MZKT-7930 Special Wheeled Chassis
- Merkava_IV_MBT
- Mi-24_Hind
- Mi-28_Havoc
- Mi-2_Hoplite
- MiG-29_Fulcrum
- MiG-35 Fulcrum F
- Mid Size Pickup Truck
- Mirage_2000
- Mirage_F1
- Off-Road SUV
- Ohio-class_Submarine
- Panzerhaubitze 2000 Howitzer
- Passenger Ferry
- Patriot Engagement Control Sys
- Pilot
- Police Cruiser
- Police Tactical Van
- Predator_UAV
- Quadcopter
- REMUS_UUV
- RQ-4_Global_Hawk_UAV

- Rafale B
- Rigid-Hulled_Inflatable_Boat
- Rigid-Hulled_Inflatable_BoatCivilian
- Romeo-class_Submarine
- Rosomak M1 with MK44
- Rosomak M1 with RIWS
- Rosomak M3 APC with WKM-B
- Rosomak RAK with 120mm Mortar
- Russian Rebels
- S-100 Schiebel Camcopter Black
- S-100 Schiebel Camcopter White
- S-70A Black Hawk
- SA-15 Command Post (9S737)
- SA-15_Gauntlet_SAM
- SA-17 Grizzly BUK-M2 TELAR (9K317E)
- SA-17 Grizzly LauncherLoader TEL (9A316)
- SA-19_Grison
- SA-20 Cheese Board (96L6E)
- SA-20 Missile Transport_Reload Vehicle (22T6)
- SA-21 Acquisition Radar (91N6E)
- SA-21 Command Post (55K6E)
- SA-21 Self-propelled TEL (5P90S)
- SA-6_Gainful_SAM
- SH-60 Seahawk
- SU-25_Frogfoot
- SU-27_Flanker
- SU-33 Flanker D
- SU-35 Flanker E
- Sailboat
- Saudi Arabian Soldier AK103
- Somali Soldier AK47
- Somali Soldier AKS74
- Song-class_Submarine
- Space_Shuttle
- Speedboat
- Sport StandardSize Sedan
- Sport_Hatchback_Coupe
- Standard_MidSize_Sedan
- Su-37_Flanker
- Super_Tanker
- T-38C Talon
- T-69_MBT
- T-72_MBT

- T-80_MBT
- TACAN Ground Station
- Taxicab
- Technical Truck w_ Mortar
- Technical_Truck
- Tiara 3900 Yacht
- Type-80 Class Large Patrol Boat
- UH-60 Black Hawk
- UH-60M Black Hawk
- UK Soldier L85A2 NLAW
- US Air Force
- US Army M2
- US Army M4-M203
- US Army M84 Stun Grenade
- US Army Medic
- US Army XM107
- US Postal Truck
- USCG Bertholf
- USCGC Hamilton-class
- US_Army_AT4
- US_Army_Javelin
- US_Army_M16
- US_Army_M16-M203
- US_Army_M240
- US_Army_M249
- US_Army_M4
- US_Army_M60
- Ugandan Soldier
- VAB_APC
- VBL_ATV
- WPB 87329 Cochito
- XM7_FIST-Bradley
- ZPU-4_AA_Gun
- ZSU-23-4_Shilka

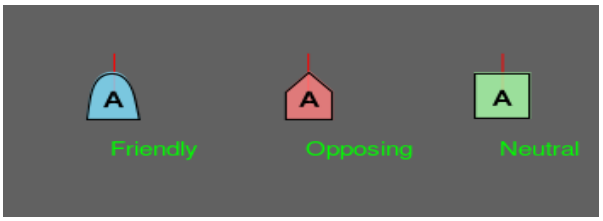
2. AggregateLevel SMS Models

This chapter lists the entities configured in the *AggregateLevel.sms*.

Aggregate Aircraft 2-2
Aggregate 2-31
Aggregate Echelon 2-88
Aggregate Naval 2-90

2.1. Aggregate Aircraft

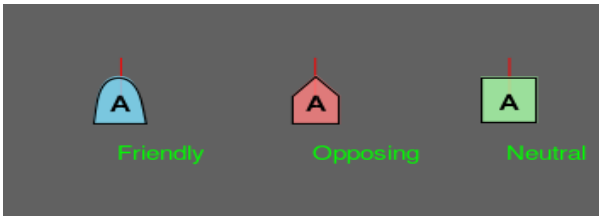
2.1.1. A-10 2-Ship



- 3:11:2:225:19:2:4:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - A-10: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-maverick-missile.sysdef
  - weapon-2: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-2000lb-jdam.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5

- mad-signature: 0
- passive-sonar-signature: 0
- radar-signature: 100
- visual-signature: 2.5

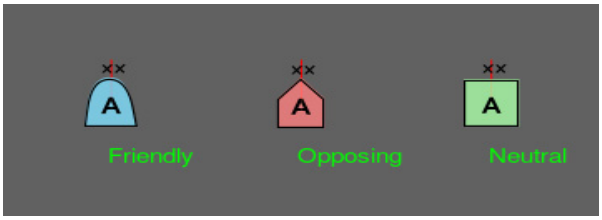
2.1.2. A-10 4-Ship



- 3:11:2:225:35:2:4:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - A-10: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-maverick-missile.sysdef
  - weapon-2: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-2000lb-jdam.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0

- radar-signature: 100
- visual-signature: 2.5

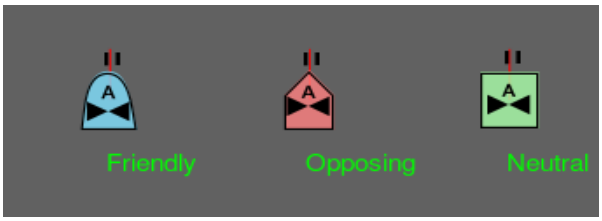
2.1.3. A-10



- 3:11:2:225:9:2:4:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - A-10: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-maverick-missile.sysdef
  - weapon-2: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-2000lb-jdam.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0

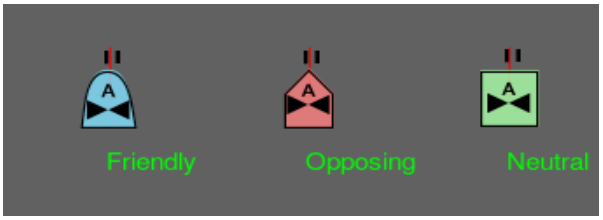
  - radar-signature: 100
  - visual-signature: 2.5

2.1.4. AIR ATK SQDN US solo



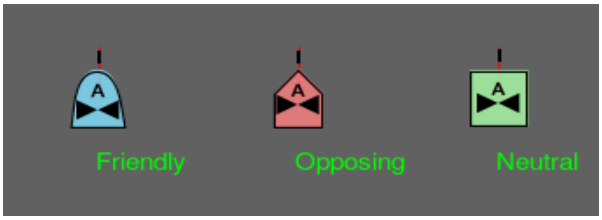
- 3:11:2:225:6:15:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 81.38888888889 m/s
- Ordered speed: 73.61111111111 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 48
  - NCOs: 15
  - Enlisted: 18
- Assemblies:
  - RWA AH-64: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 60
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 120
  - visual-signature: 15

2.1.5. AIR LIFT BN US solo



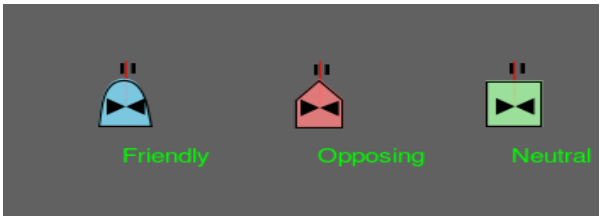
- 3:11:2:225:6:15:0:21
- Can embark: True
- Can be embarked on: False
- Maximum speed: 87.5 m/s
- Ordered speed: 48.61111111111 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA CH-47 CHINOOK: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 8

2.1.6. AVN SPT TROOP



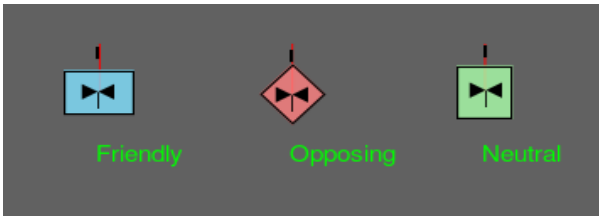
- 3:11:2:225:5:15:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 87.5 m/s
- Ordered speed: 48.61111111111 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA CH-47 CHINOOK: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 8

2.1.7. Air Assault BN US solo



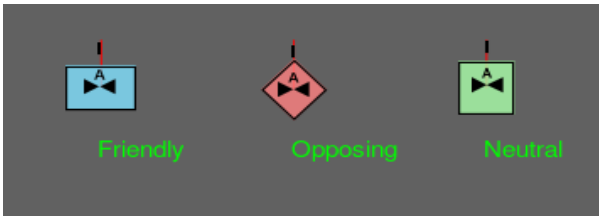
- 3:11:2:225:6:14:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 81.94444444444 m/s
- Ordered speed: 77.22222222222 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 80
  - NCOs: 30
  - Enlisted: 75
- Assemblies:
  - RWA UH-60: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 60
  - infrared-signature: 1500
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 120
  - visual-signature: 15

2.1.8. Air Assault CO US



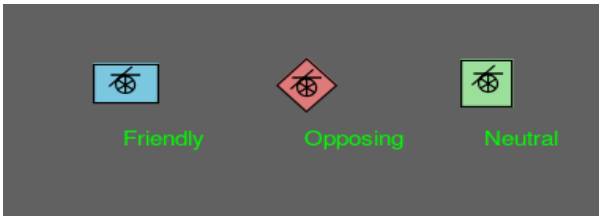
- 3:11:2:225:5:14:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 81.94444444444 m/s
- Ordered speed: 77.22222222222 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 26
  - NCOs: 10
  - Enlisted: 24
- Assemblies:
  - RWA UH-60: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 50
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

2.1.9. Air Attack CO US



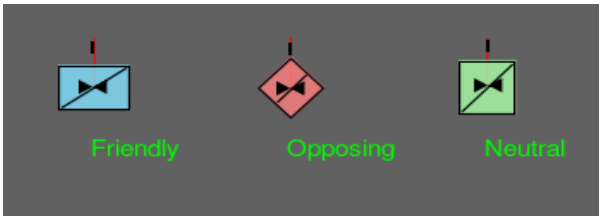
- 3:11:2:225:5:15:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 81.38888888889 m/s
- Ordered speed: 73.61111111111 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA AH-64: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 50
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

2.1.10. Air Base



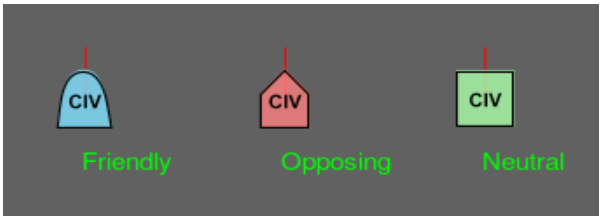
- 1:5:1:0:10:3:0:1
- Can embark: False
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 5

2.1.11. Air Cav TRP US



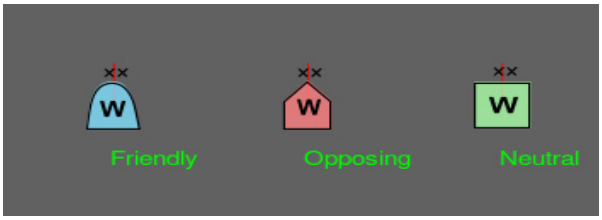
- 3:11:2:225:5:16:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 66.66666666667 m/s
- Ordered speed: 55.55555555556 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA OH-58: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 50
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

2.1.12. Civilian Aircraft



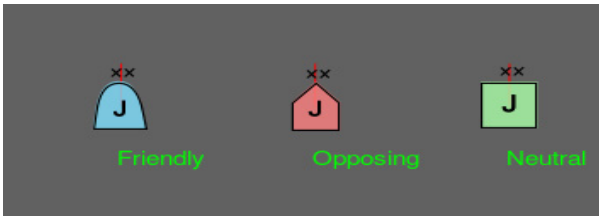
- 3:11:2:-1:1:13:0:6
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 2.5

2.1.13. E-3



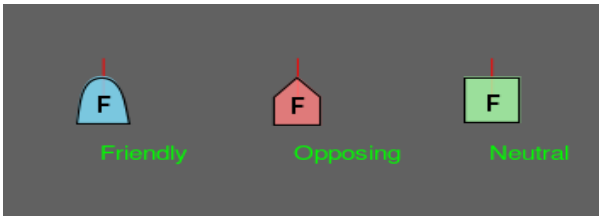
- 3:11:2:225:9:8:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 237.5 m/s
- Ordered speed: 161.1111111111 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Systems:
  - aerialfuelreceiver: boom-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 35
  - visual-signature: 2.5

2.1.14. EA-18G



- 3:11:2:225:9:6:10:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - electronicwarfare: aggregate-radar-jammer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-5: aggregate-sidewinder-antiair-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 35
  - visual-signature: 2.5

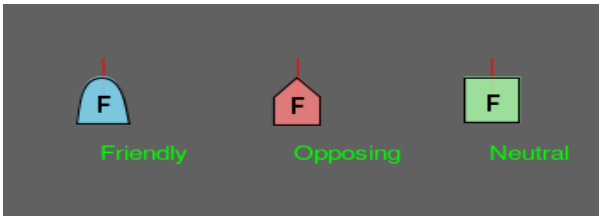
2.1.15. F-16C 2-Ship



- 3:11:2:225:19:1:3:3
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F-16C: 0
- Systems:
  - aerialfuelreceiver: boom-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-amraam-antiair-missile.sysdef
  - weapon-2: aggregate-maverick-missile.sysdef
  - weapon-3: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-GBU-24.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0

- passive-sonar-signature: 0
- radar-signature: 100
- visual-signature: 2.5

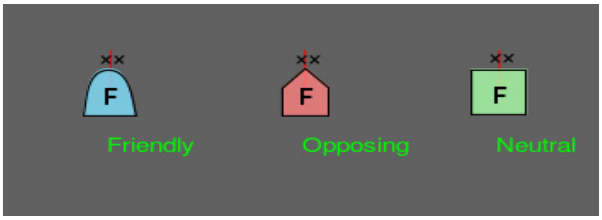
2.1.16. F-16C 4-Ship



- 3:11:2:225:35:1:3:3
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F-16C: 0
- Systems:
  - aerialfuelreceiver: boom-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: fuel-tank.sysdef
  - other-5: iff-transponder.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-amraam-antiair-missile.sysdef
  - weapon-2: aggregate-maverick-missile.sysdef
  - weapon-3: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-GBU-24.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0

- passive-sonar-signature: 0
- radar-signature: 100
- visual-signature: 2.5

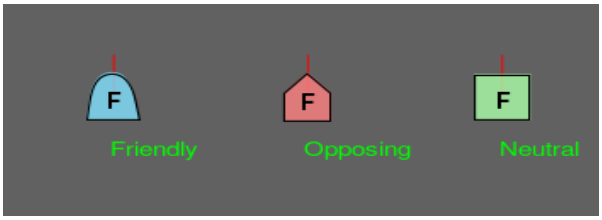
2.1.17. F-16C



- 3:11:2:225:9:1:3:3
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F-16C: 0
- Systems:
  - aerialfuelreceiver: boom-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-amraam-antiair-missile.sysdef
  - weapon-2: aggregate-maverick-missile.sysdef
  - weapon-3: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-GBU-24.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0

- passive-sonar-signature: 0
- radar-signature: 100
- visual-signature: 2.5

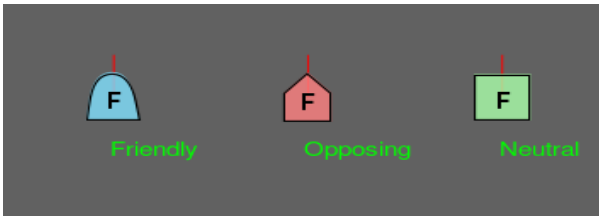
2.1.18. F/A-18 2-Ship



- 3:11:2:225:19:1:9:10
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F/A-18: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-2000lb-jdam.sysdef
  - weapon-2: aggregate-amraam-antiair-missile.sysdef
  - weapon-3: aggregate-2000lb-jdam.sysdef
  - weapon-4: aggregate-GBU-24.sysdef
  - weapon-5: aggregate-amraam-antiair-missile.sysdef
  - weapon-6: aggregate-harpoon-antiship-missile.sysdef
  - weapon-7: aggregate-maverick-missile.sysdef
  - weapon-8: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-sidewinder-antiair-missile.sysdef

- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 2.5

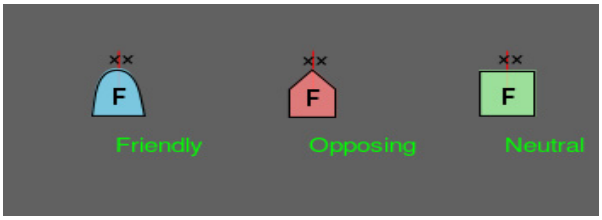
2.1.19. F/A-18 4-Ship



- 3:11:2:225:35:1:9:10
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F/A-18: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-3: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-2000lb-jdam.sysdef
  - weapon-2: aggregate-amraam-antiair-missile.sysdef
  - weapon-3: aggregate-2000lb-jdam.sysdef
  - weapon-4: aggregate-GBU-24.sysdef
  - weapon-5: aggregate-amraam-antiair-missile.sysdef
  - weapon-6: aggregate-harpoon-antiship-missile.sysdef
  - weapon-7: aggregate-maverick-missile.sysdef
  - weapon-8: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-sidewinder-antiair-missile.sysdef

- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 2.5

2.1.20. F/A-18

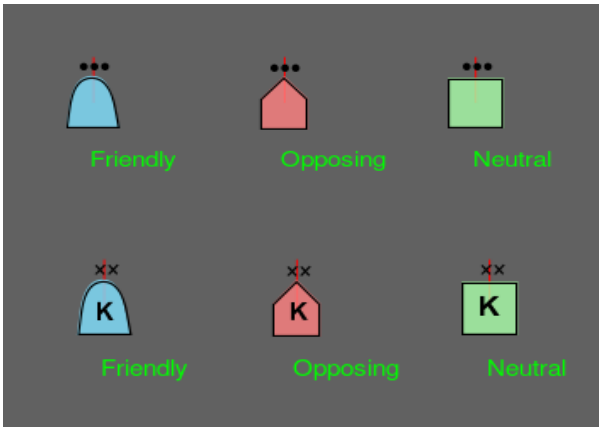


- 3:11:2:225:9:1:9:10
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F/A-18: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - combat-1: data-link.sysdef
  - combat-2: flare-countermeasures.sysdef
  - combat-3: radar-warning-receiver.sysdef
  - combat-4: self-protection-jammer-pod.sysdef
  - combat: chaff-countermeasures.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: fuel-tank.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: aircraft-active-radar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: aggregate-GBU-24.sysdef
  - weapon-2: aggregate-amraam-antiair-missile.sysdef
  - weapon-3: aggregate-harpoon-antiship-missile.sysdef
  - weapon-4: aggregate-maverick-missile.sysdef
  - weapon-5: aggregate-sidewinder-antiair-missile.sysdef
  - weapon: aggregate-2000lb-jdam.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45

  - infrared-signature: 12.5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 35
  - visual-signature: 2.5

2.1.21. Flight

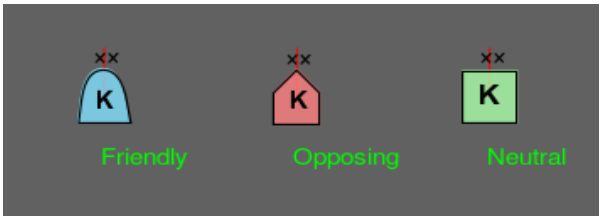
- 3:11:2:-1:3:-1:-1:-1



2.1.22. KC-130J

- 3:11:2:225:9:4:1:13
- Can embark: False
- Can be embarked on: False
- Maximum speed: 259.1666666667 m/s
- Ordered speed: 236.9444444444 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 2
  - Enlisted: 0
- Assemblies:
  - KC-130J: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: aerial-refueling-drogue.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 4

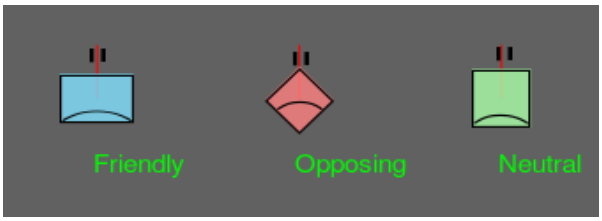
2.1.23. KC-135A



- 3:11:2:225:9:4:5:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 259.1666666667 m/s
- Ordered speed: 236.9444444444 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 1
  - Enlisted: 0
- Assemblies:
  - KC-125A: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-4: iff-transponder.sysdef
  - other: aerial-refueling-boom.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 45
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 4

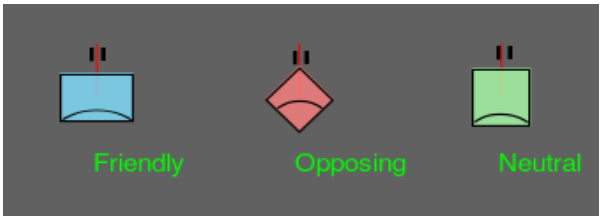
2.2. Aggregate

2.2.1. ADA BN RU solo



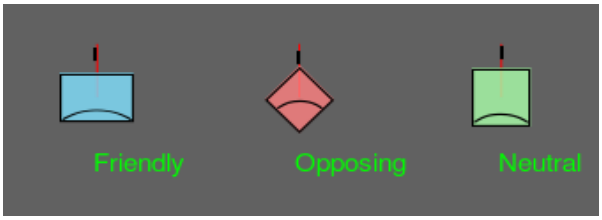
- 3:11:1:260:6:11:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 25
  - Enlisted: 60
- Assemblies:
  - 9K330: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-9K330-SAM.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.2. ADA BN US solo



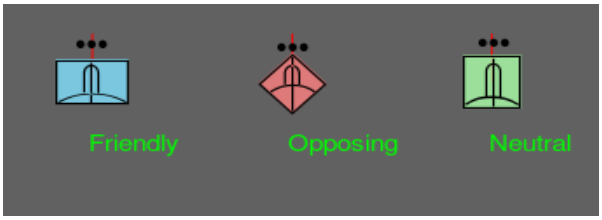
- 3:11:1:225:6:11:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 30
  - Enlisted: 60
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-stinger-antiair-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 8
  - visual-signature: 5

2.2.3. ADA BTY US



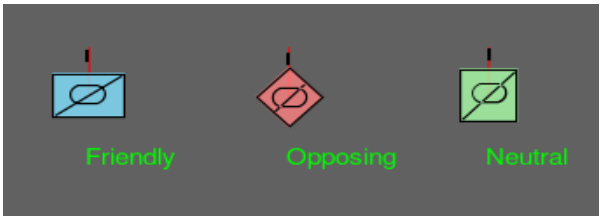
- 3:11:1:225:4:11:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 19
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-stinger-antiair-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.4. ADA PLT US



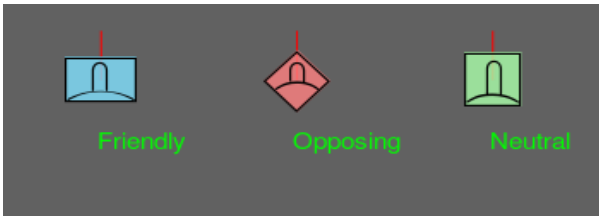
- 3:11:1:225:3:11:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 19
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-stinger-antiair-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.5. AR CAV TRP US



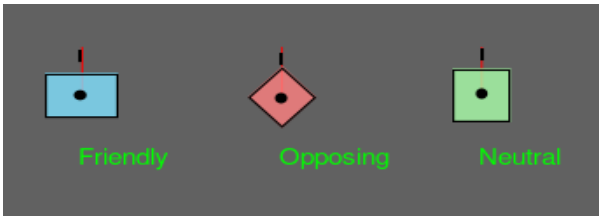
- 3:11:1:225:5:6:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 30
  - Enlisted: 27
- Assemblies:
  - M1A2: 0
  - M3A3: 0
  - M1064: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.6. Air Defense Radar



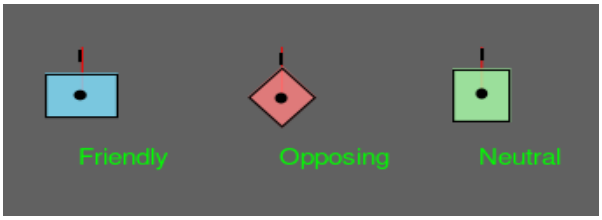
- 3:11:1:225:2:11:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 0 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Systems:
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: air-defense-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 5

2.2.7. Artillery BTY RU



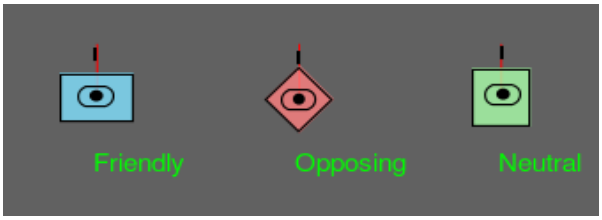
- 3:11:1:260:4:7:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - Truck: 0
  - Howitzer, 122mm: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-3: fascam.sysdef
  - weapon: aggregate-122mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 6

2.2.8. Artillery BTY US



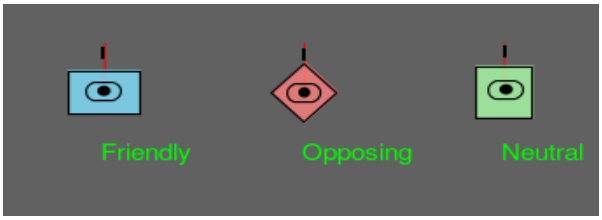
- 3:11:1:225:4:7:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - Howitzer, 155mm: 0
  - HMMWV: 0
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: fascam.sysdef
  - weapon: aggregate-155mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 6

2.2.9. Artillery SP BTY - NBC



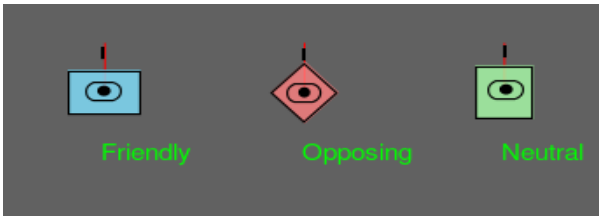
- 3:11:1:260:4:8:1:100
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 34
- Assemblies:
  - 2S19 SPA: 0
  - Truck: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: chemical-weapon.sysdef
  - weapon-2: nuclear-weapon.sysdef
  - weapon-3: biological-weapon.sysdef
  - weapon: aggregate-152mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.10. Artillery SP BTY RU



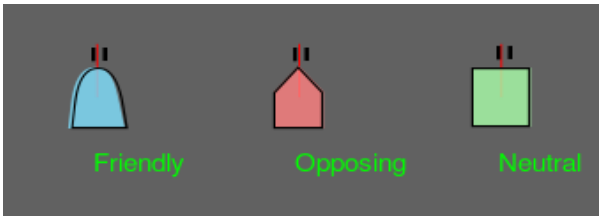
- 3:11:1:260:4:8:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 34
- Assemblies:
  - 2S19 SPA: 0
  - Truck: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: chemical-weapon.sysdef
  - weapon: aggregate-152mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.11. Artillery SP BTY US



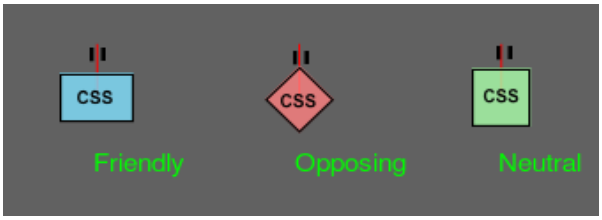
- 3:11:1:225:4:8:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 31
  - Enlisted: 35
- Assemblies:
  - M109A6: 0
  - M992 ammo carrier: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-1: fascam.sysdef
  - weapon: aggregate-155mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.12. CIV BN solo



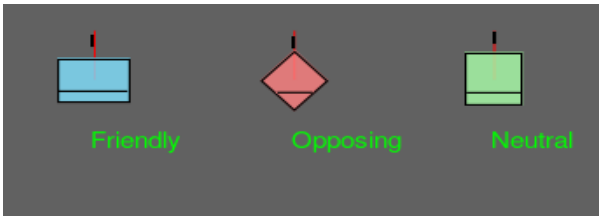
- 3:11:1:206:6:34:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 150
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 3

2.2.13. CSS BN US solo



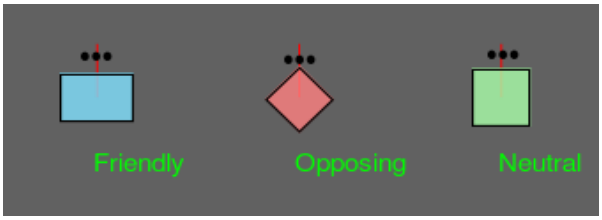
- 3:11:1:225:6:31:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 24
  - Enlisted: 150
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - other-2: mopp-gear.sysdef
  - other: resupplier.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 7
  - visual-signature: 5

2.2.14. CSS CO



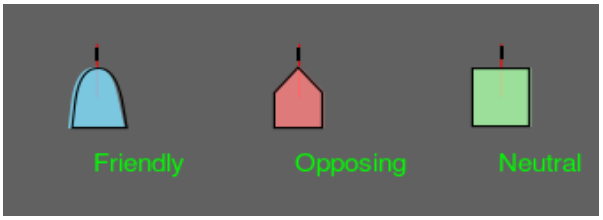
- 3:11:1:225:5:31:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 50
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: mopp-gear.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: resupplier.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.15. CSS PLT



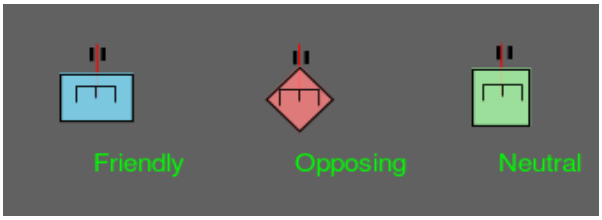
- 3:11:1:225:3:31:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 50
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: mopp-gear.sysdef
  - other-3: spot-report-generator.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: resupplier.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 5

2.2.16. Civilian CO



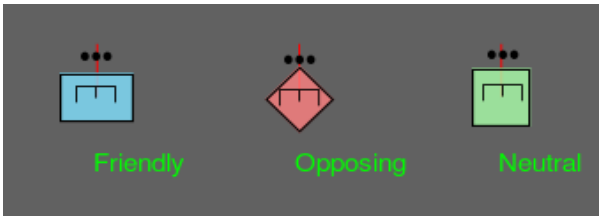
- 3:11:1:206:5:34:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 50
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 3

2.2.17. ENG BN US solo



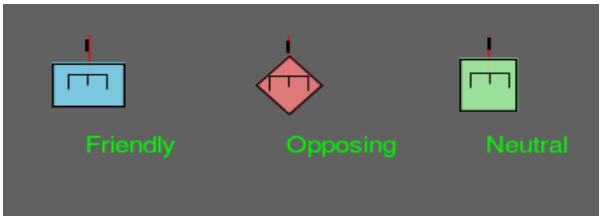
- 3:11:1:225:6:10:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: engineering-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-11: engagement-report-generator.sysdef
  - other-2: bridge-builder.sysdef
  - other-3: booby-trap-setter.sysdef
  - other-4: ditch-digger.sysdef
  - other-5: fortification-builder.sysdef
  - other-6: spot-report-generator.sysdef
  - other-7: mine-dispenser.sysdef
  - other-8: spot-report-receiver.sysdef
  - other-9: obstacle-builder.sysdef
  - other: mopp-gear.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.18. ENG PLT US



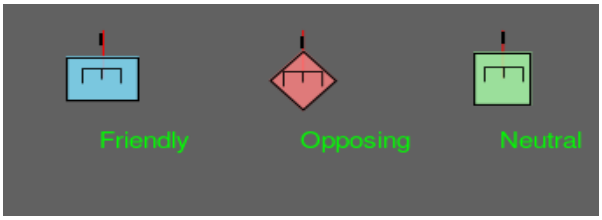
- 3:11:1:225:3:10:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 3
  - Enlisted: 12
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: engineering-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-11: engagement-report-generator.sysdef
  - other-2: bridge-builder.sysdef
  - other-3: booby-trap-setter.sysdef
  - other-4: ditch-digger.sysdef
  - other-5: fortification-builder.sysdef
  - other-6: spot-report-generator.sysdef
  - other-7: mine-dispenser.sysdef
  - other-8: spot-report-receiver.sysdef
  - other-9: obstacle-builder.sysdef
  - other: mopp-gear.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 7
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 7
  - visual-signature: 5

2.2.19. Eng Clearance CO



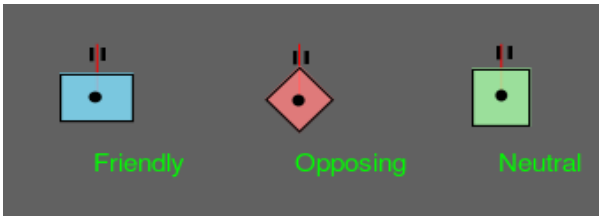
- 3:11:1:225:5:10:1:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: explosive-hazard-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: engagement-report-generator.sysdef
  - other-6: spot-report-generator.sysdef
  - other-8: spot-report-receiver.sysdef
  - other: mopp-gear.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.20. Eng Mob Aug CO



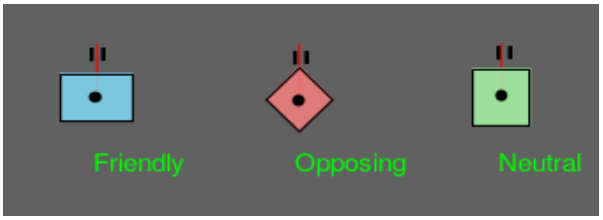
- 3:11:1:225:5:10:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: engineering-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-11: engagement-report-generator.sysdef
  - other-2: bridge-builder.sysdef
  - other-3: booby-trap-setter.sysdef
  - other-4: ditch-digger.sysdef
  - other-5: fortification-builder.sysdef
  - other-6: spot-report-generator.sysdef
  - other-7: mine-dispenser.sysdef
  - other-8: spot-report-receiver.sysdef
  - other-9: obstacle-builder.sysdef
  - other: mopp-gear.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.21. FA BN RU solo



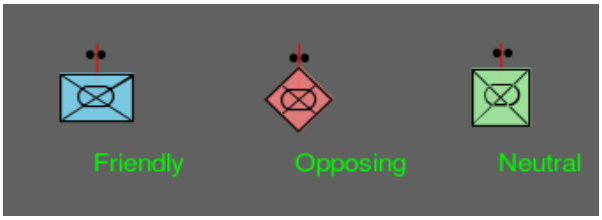
- 3:11:1:260:6:7:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 0
  - NCOs: 88
  - Enlisted: 88
- Assemblies:
  - Truck: 0
  - Howitzer, 122mm: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-122mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 8
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 8

2.2.22. FA BN US solo



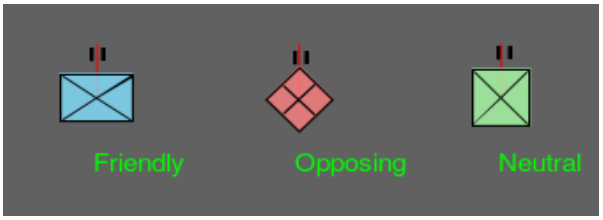
- 3:11:1:225:6:7:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 0
  - NCOs: 121
  - Enlisted: 82
- Assemblies:
  - Howitzer, 155mm: 0
  - HMMWV: 0
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-155mm-howitzer.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 11
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 10

2.2.23. IFV SEC US



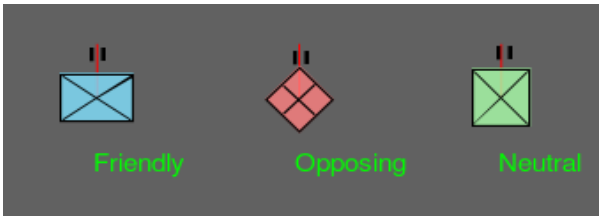
- 3:11:1:225:14:4:1:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 1
  - Enlisted: 2
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 5

2.2.24. INF BN RU solo



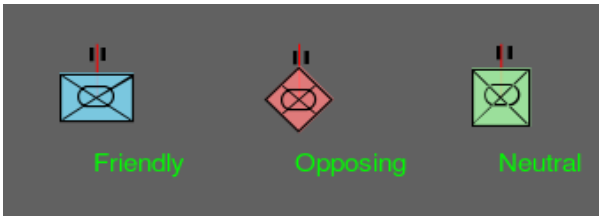
- 3:11:1:260:6:3:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 100
  - Enlisted: 417
- Assemblies:
  - Rifle PLT RU: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

2.2.25. INF BN US solo



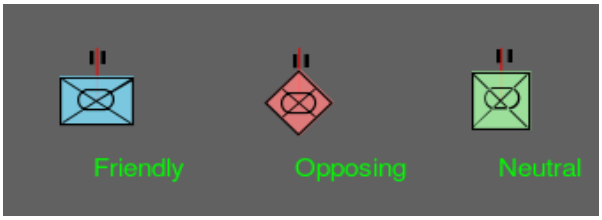
- 3:11:1:225:6:3:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 108
  - Enlisted: 300
- Assemblies:
  - Rifle PLT US: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

2.2.26. MECH BN RU solo



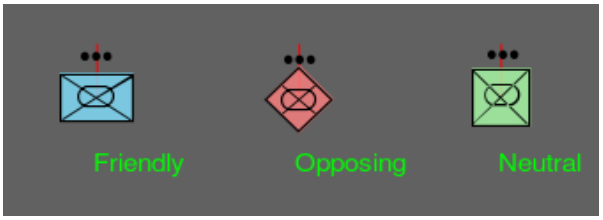
- 3:11:1:260:6:4:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 18
  - Warrant Officers: 0
  - NCOs: 75
  - Enlisted: 192
- Assemblies:
  - BMP-2: 0
  - Mech Inf PLT RU: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.27. MECH BN US solo



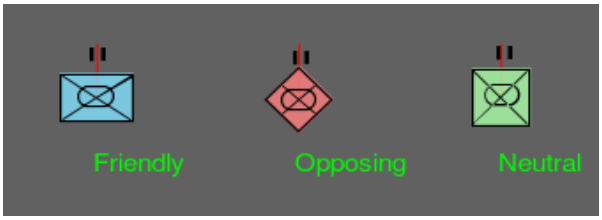
- 3:11:1:225:6:4:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 72
  - Enlisted: 220
- Assemblies:
  - M1064: 0
  - Inf PLT: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.28. MECH PLT US



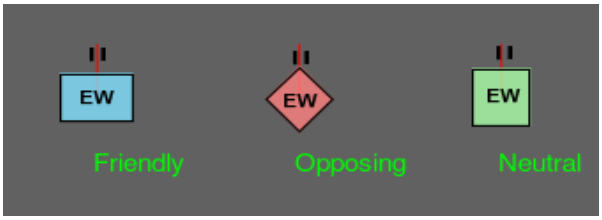
- 3:11:1:225:3:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 19
  - Enlisted: 24
- Assemblies:
  - Inf PLT: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 6

2.2.29. MEDICAL BN US solo



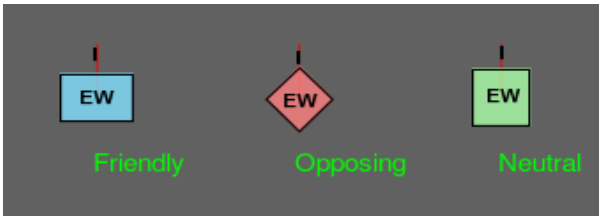
- 3:11:1:225:6:33:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 120
  - Enlisted: 300
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 7
  - visual-signature: 5

2.2.30. MI BN US solo



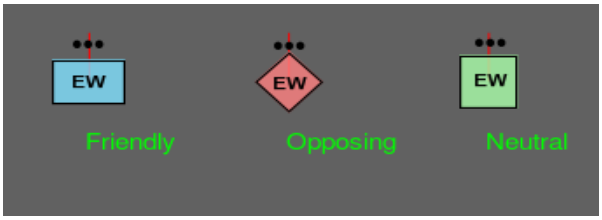
- 3:11:1:225:6:21:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 108
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - electronicwarfare: aggregate-comms-jammer.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: emissions-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 7
  - visual-signature: 5

2.2.31. MI CO US



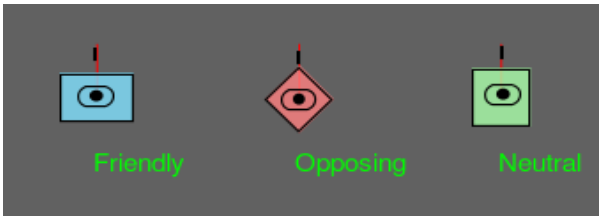
- 3:11:1:225:5:21:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 36
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - electronicwarfare: aggregate-comms-jammer.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: emissions-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.32. MI PLT US



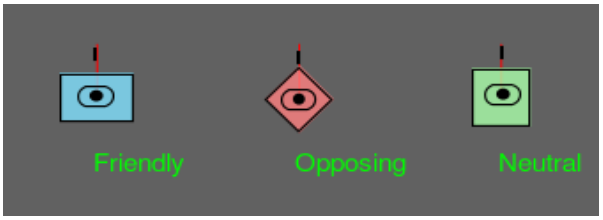
- 3:11:1:225:3:21:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 19
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - electronicwarfare: aggregate-comms-jammer.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: emissions-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.33. MLRS BTY US



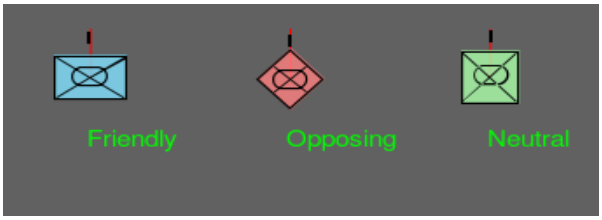
- 3:11:1:225:4:8:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - M270 MRLS: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-M993-MLRS-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 6

2.2.34. MRL BTY RU



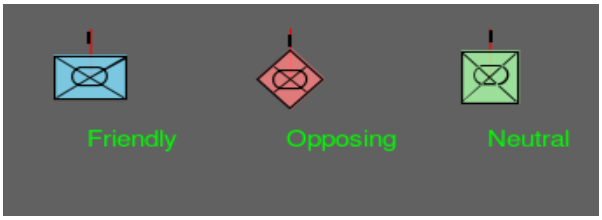
- 3:11:1:260:4:8:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - 9P140 Uragan: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-9P140-MLRS-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 6

2.2.35. Mech Inf CO RU



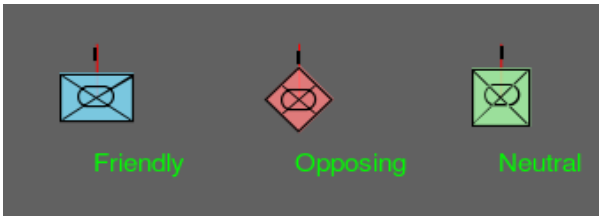
- 3:11:1:260:5:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 6
  - Warrant Officers: 0
  - NCOs: 25
  - Enlisted: 66
- Assemblies:
  - BMP-2: 0
  - Mech Inf PLT RU: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.36. Mech Inf CO US



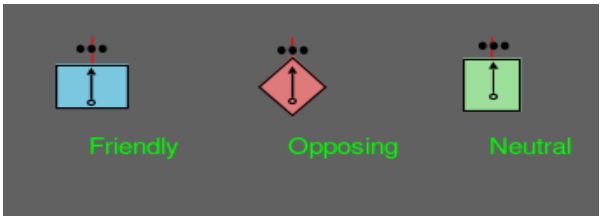
- 3:11:1:225:5:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 57
  - Enlisted: 72
- Assemblies:
  - Inf PLT: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - engineering-object-creation: ditch-digger.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.37. Medical CO US



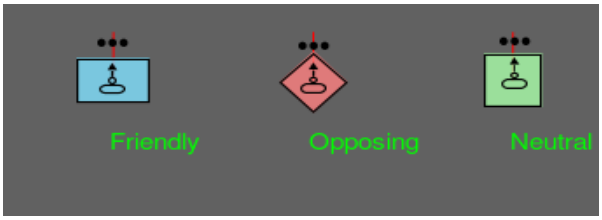
- 3:11:1:225:5:33:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 99
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 3

2.2.38. Mortar PLT US



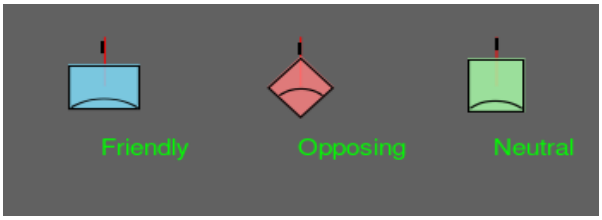
- 3:11:1:225:3:7:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 18
- Assemblies:
  - Mortar, 120mm: 0
  - HMMWV- .50cal: 0
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 2
  - visual-signature: 2

2.2.39. Mortar SP PLT US



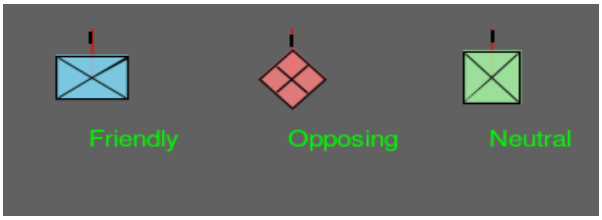
- 3:11:1:225:3:8:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 14
- Assemblies:
  - M1064: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.40. Patriot BTY



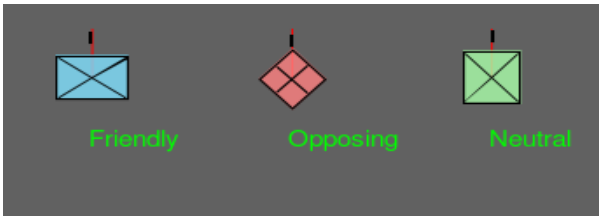
- 3:11:1:225:4:11:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 10
  - Enlisted: 50
- Assemblies:
  - PAC-3: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: air-defense-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-patriot-antiair-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.41. Rifle CO RU



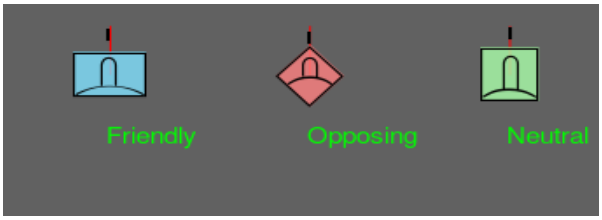
- 3:11:1:260:5:3:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 20
  - Enlisted: 139
- Assemblies:
  - Rifle PLT RU: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 2
  - visual-signature: 2

2.2.42. Rifle CO US



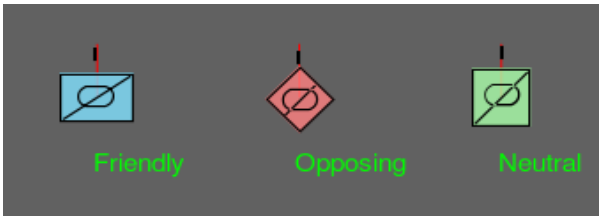
- 3:11:1:225:5:3:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 99
- Assemblies:
  - Rifle PLT US: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 3

2.2.43. SAM BTY RU



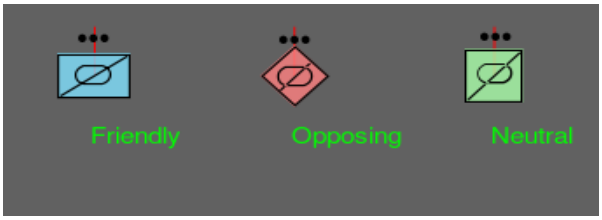
- 3:11:1:260:4:11:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Assemblies:
  - 9K330: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: air-defense-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: aggregate-9K330-SAM.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.44. Scout Hvy CO US



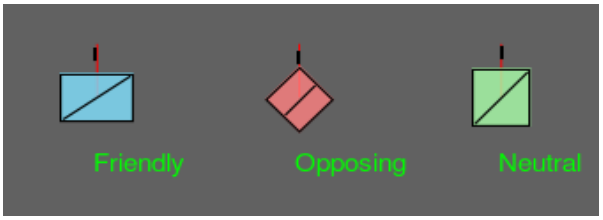
- 3:11:1:225:5:6:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 20
  - Enlisted: 42
- Assemblies:
  - M3A3: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.45. Scout Hvy PLT US



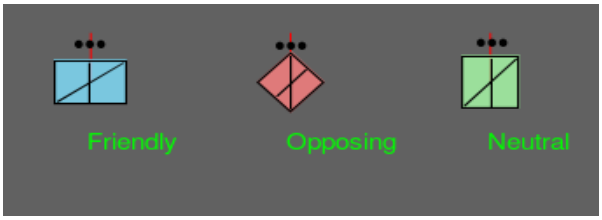
- 3:11:1:225:3:6:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 5
  - Enlisted: 12
- Assemblies:
  - M3A3: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.46. Scout Motorized CO US



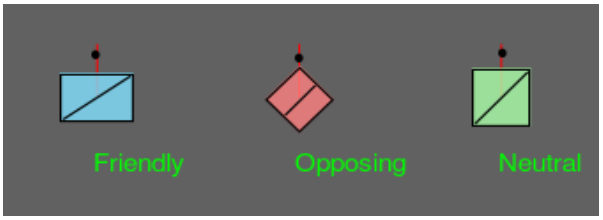
- 3:11:1:225:5:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 20
- Assemblies:
  - HMMWV- .50cal: 0
  - HMMWV- Mk19: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.47. Scout Motorized PLT US



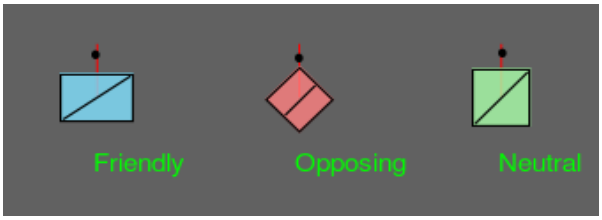
- 3:11:1:225:3:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 20
- Assemblies:
  - HMMWV- .50cal: 0
  - HMMWV- Mk19: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 3
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 5
  - visual-signature: 3

2.2.48. Scout Motorized SQD US 50BMG



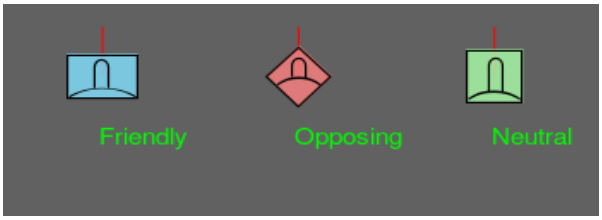
- 3:11:1:225:13:5:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 3
  - Enlisted: 5
- Assemblies:
  - HMMWV- .50cal: 0
  - Rifle SQD US: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 5

2.2.49. Scout Motorized SQD US MK19



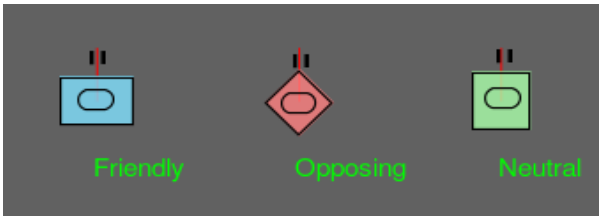
- 3:11:1:225:13:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 3
  - Enlisted: 5
- Assemblies:
  - HMMWV- Mk19: 0
  - Rifle SQD US: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: mopp-gear.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: nbc-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 5

2.2.50. Secondary Radar



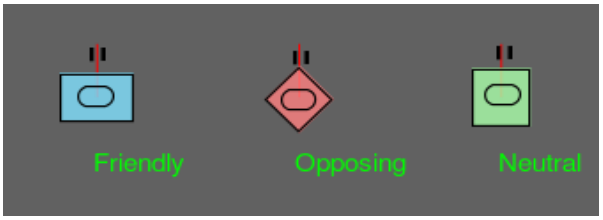
- 3:11:1:225:2:11:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 0 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Systems:
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: beacon-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 5

2.2.51. TANK BN RU solo



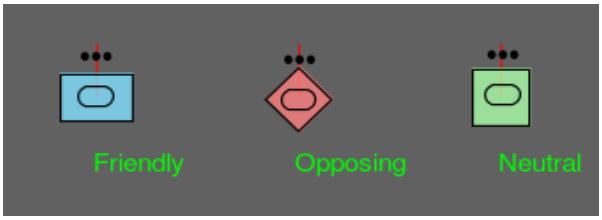
- 3:11:1:260:6:2:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 12
  - Enlisted: 60
- Assemblies:
  - T-80: 0
  - M1064: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.52. TANK BN US solo



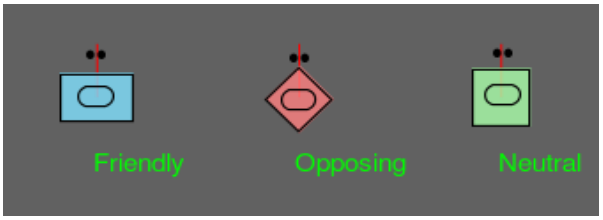
- 3:11:1:225:6:2:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 16
  - Warrant Officers: 0
  - NCOs: 98
  - Enlisted: 95
- Assemblies:
  - M1A2: 0
  - M1064: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor-4: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 120mm-mortar-tube.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 15
  - infrared-signature: 15
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 60
  - visual-signature: 15

2.2.53. TANK PLT US



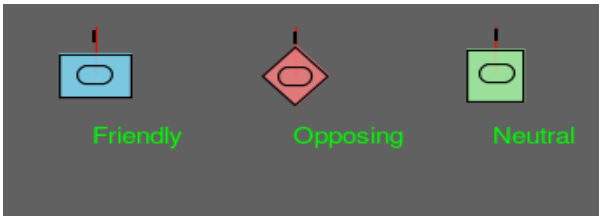
- 3:11:1:225:3:2:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 4
  - Enlisted: 11
- Assemblies:
  - M1A2: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor-4: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 6
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 20
  - visual-signature: 6

2.2.54. TANK SEC US



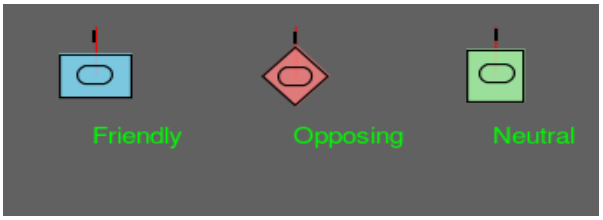
- 3:11:1:225:14:2:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 4
  - Enlisted: 11
- Assemblies:
  - M1A2: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor-4: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 5

2.2.55. Tank CO RU



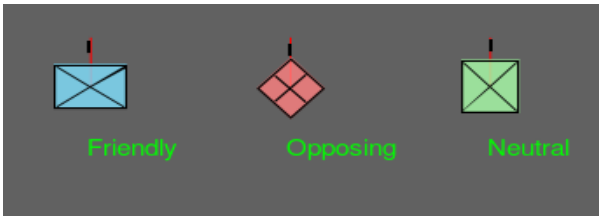
- 3:11:1:260:5:2:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 20
- Assemblies:
  - T-80: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.56. Tank CO US



- 3:11:1:225:5:2:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 30
  - Enlisted: 27
- Assemblies:
  - M1A2: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: infrared-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor-4: engineering-object-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 10

2.2.57. Weapons CO US



- 3:11:1:225:5:3:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 20
  - Enlisted: 30
- Assemblies:
  - HMMWV- .50cal: 0
  - HMMWV- TOW: 0
  - HMMWV- Javelin: 0
  - HMMWV- Mk19: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: mopp-gear.sysdef
  - other-5: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: engineering-object-sensor.sysdef
  - sensor-3: nbc-sensor.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 10
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 5

2.3. Aggregate Echelon

2.3.1. BN, MLRS US

- 3:11:1:-1:6:8:1:1

2.3.2. BN, Mech Infantry

- 3:11:1:-1:6:4:1:-1

2.3.3. CSS BN PA

- 3:11:1:0:6:129:0:0

2.3.4. CSS CO PA

- 3:11:1:0:5:31:129:0

2.3.5. Civilian BDE

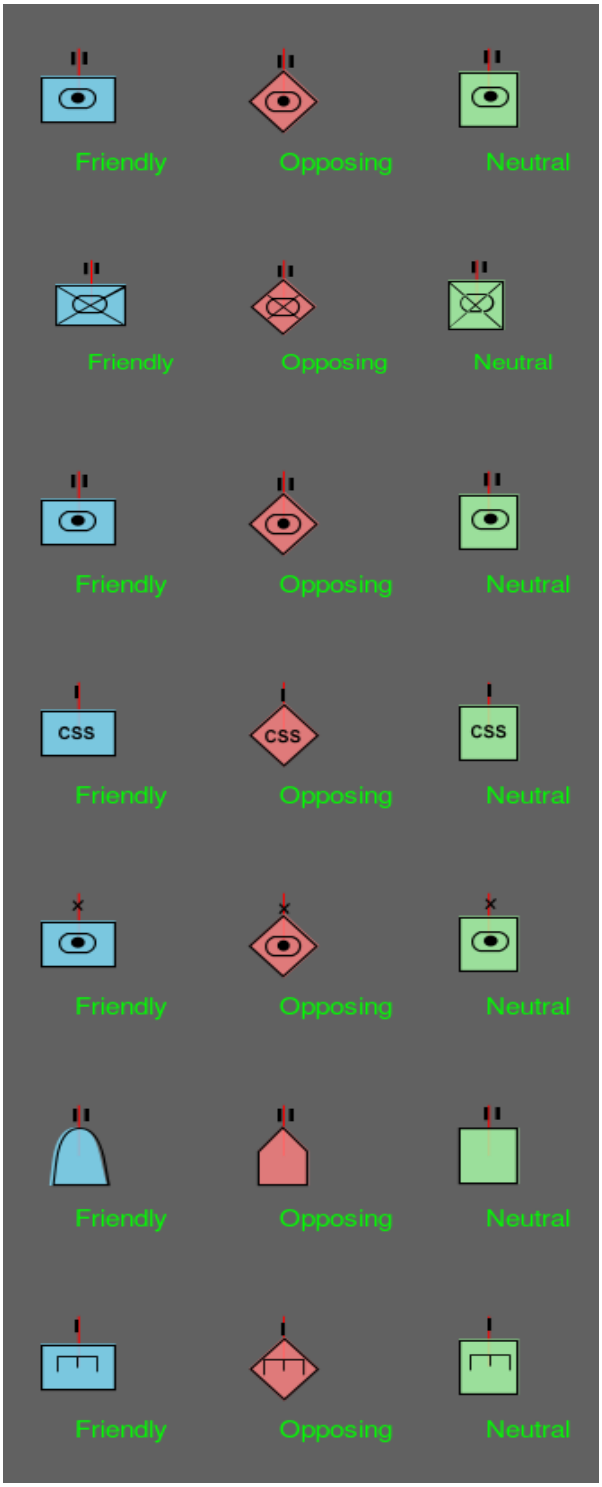
- 3:11:1:-1:8:34:1:1

2.3.6. Civilian BN

- 3:11:1:-1:6:34:1:0

2.3.7. ENG MA CO US PA

- 3:11:1:-1:5:10:129:0



2.3.8. MECH CO US PA

- 3:11:1:-1:5:4:1:129

2.3.9. MI BN US

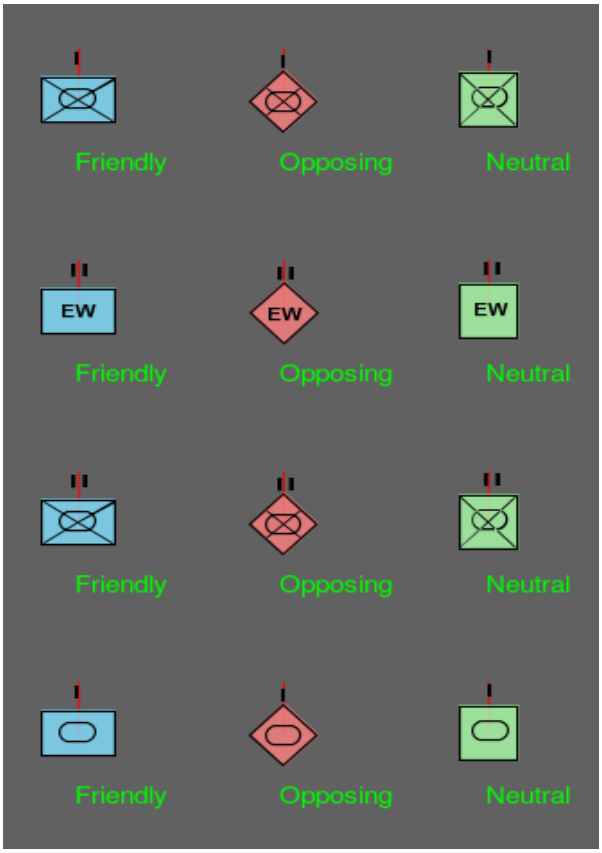
- 3:11:1:-1:6:21:1:0

2.3.10. Medical BN US

- 3:11:1:-1:6:33:1:0

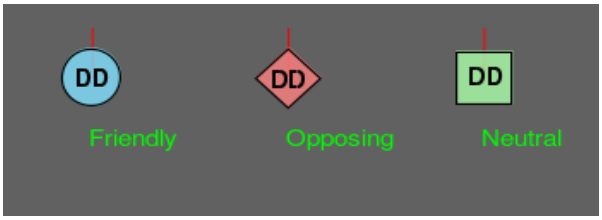
2.3.11. TANK CO US PA

- 3:11:1:-1:5:2:1:129



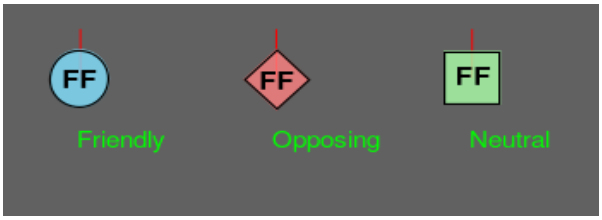
2.4. Aggregate Naval

2.4.1. Destroyer



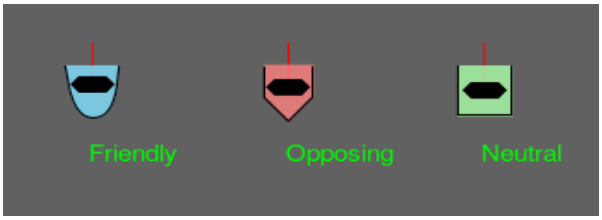
- 3:11:3:225:1:8:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 13
  - Warrant Officers: 10
  - NCOs: 55
  - Enlisted: 245
- Systems:
  - aggregated-movement: ship-aggregated-movement.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-2: aggregate-rim66-antiair-missile.sysdef
  - weapon-3: aggregate-5-inch-gun.sysdef
  - weapon-4: aggregate-mark54-torpedo.sysdef
  - weapon-5: aggregate-harpoon-antiship-missile.sysdef
  - weapon: aggregate-tomahawk-missile.sysdef
- Sensor signatures:
  - active-sonar-signature: 15
  - emissions-signature: 45
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 7
  - radar-signature: 40
  - visual-signature: 15

2.4.2. Frigate



- 3:11:3:225:1:28:1:2
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 6
  - Warrant Officers: 5
  - NCOs: 35
  - Enlisted: 130
- Systems:
  - aggregated-movement: ship-aggregated-movement.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-3: aggregate-rim66-antiair-missile.sysdef
  - weapon-5: aggregate-harpoon-antiship-missile.sysdef
  - weapon: aggregate-mark54-torpedo.sysdef
- Sensor signatures:
  - active-sonar-signature: 15
  - emissions-signature: 45
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 7
  - radar-signature: 40
  - visual-signature: 15

2.4.3. Submarine



- 3:11:4:260:1:29:1:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 5.555555555556 m/s
- Personnel:
  - Officers: 6
  - Warrant Officers: 5
  - NCOs: 10
  - Enlisted: 45
- Systems:
  - aggregated-movement: submarine-aggregated-movement.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: engagement-report-generator.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - sensor-3: engineering-object-sensor.sysdef
  - sensor-4: sonar-sensor.sysdef
  - sensor: visual-sensor.sysdef
  - weapon-3: aggregate-vodopad-type40-torpedo.sysdef
- Sensor signatures:
  - active-sonar-signature: 15
  - emissions-signature: 0
  - infrared-signature: 2
  - mad-signature: 0.3
  - passive-sonar-signature: 1
  - radar-signature: 3
  - visual-signature: 1

3. Base SMS Tactical Graphics Models

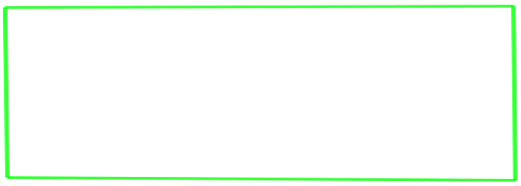
This chapter lists the tactical graphics by category.

Base SMS Control Objects 3-2
Base SMS Overlay Objects 3-3
Base SMS Simulation Objects 3-14

3.1. Base SMS Control Objects

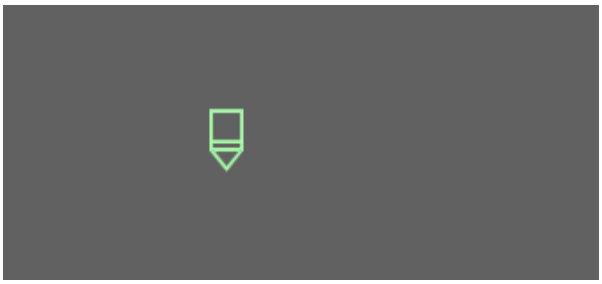
3.1.1. Area

- 1:18:0:0:1:0:0:0



3.1.2. Engineering Point

- 1:16:1:0:62:0:0:0



3.1.3. Joint Engagement Zone

- 1:18:0:0:45:0:0:0

3.1.4. Missile Engagement Zone

- 1:18:0:0:44:0:0:0

3.1.5. Phase Line

- 1:17:0:0:1:0:0:0

3.1.6. Riot Point

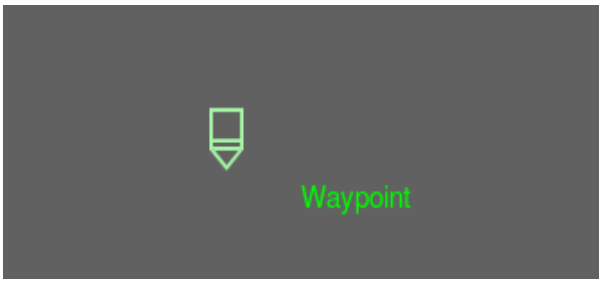
- 1:16:0:0:1:0:0:1

3.1.7. Route

- 1:17:0:0:2:0:0:0

3.1.8. Waypoint

- 1:16:0:0:1:0:0:0



3.2. Base SMS Overlay Objects

3.2.1. Air Axis

- 1:17:0:0:10:2:0:0

3.2.2. Air Corridor

- 1:17:0:0:10:5:0:0

3.2.3. Air Turbulence Area

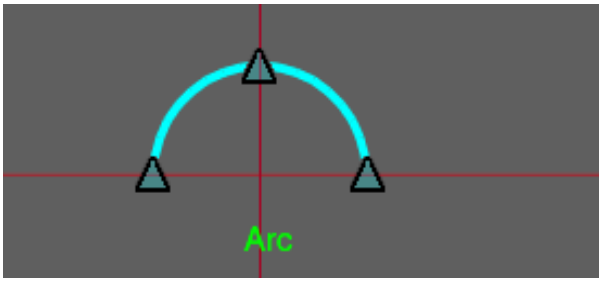
- 1:18:0:0:1:0:0:2

3.2.4. Alert Area

- 1:18:0:0:1:0:1:13

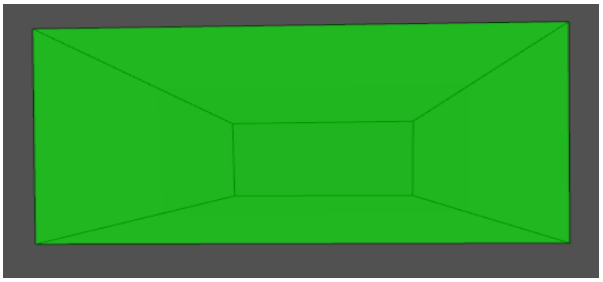
3.2.5. Arc

- 1:19:0:0:2:0:0:0



3.2.6. Area (Extruded)

- 1:18:0:0:1:0:0:1

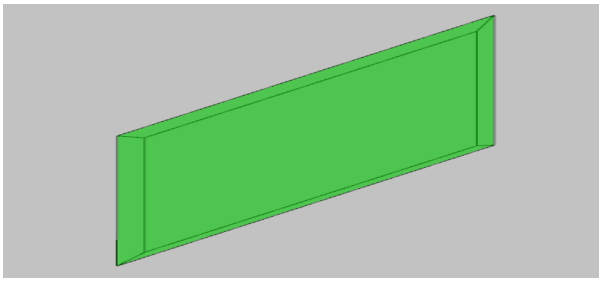


3.2.7. Axis

- 1:17:0:0:10:1:0:0

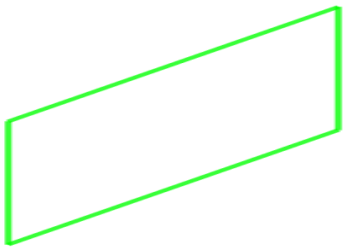
3.2.8. Box (Extruded)

- 1:20:0:0:8:0:0:1



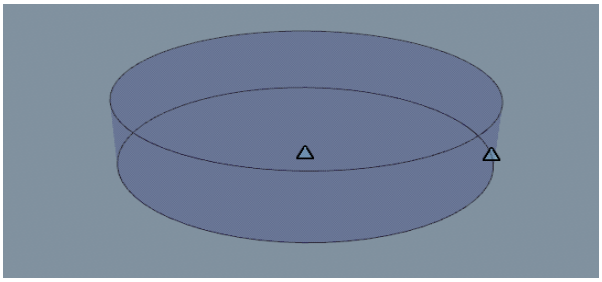
3.2.9. Box

- 1:20:0:0:8:0:0:0



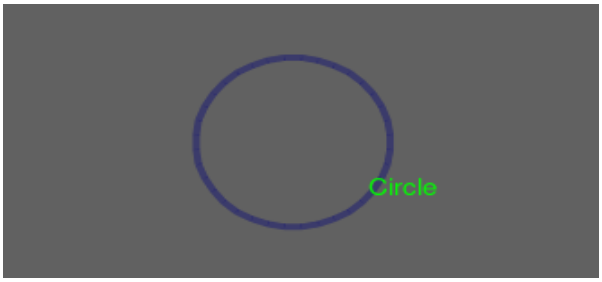
3.2.10. Circle (Extruded)

- 1:19:0:0:0:0:0:1



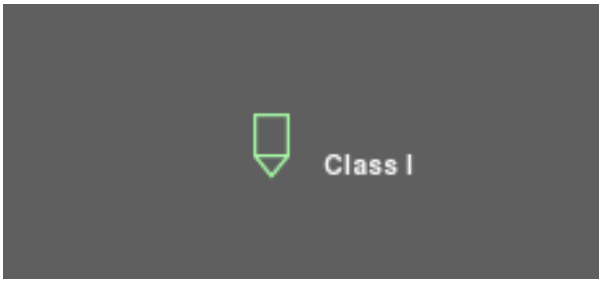
3.2.11. Circle

- 1:19:0:0:0:0:0:0



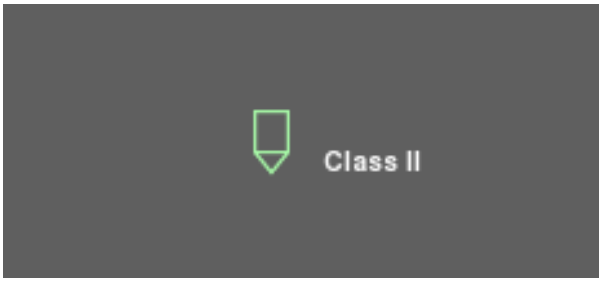
3.2.12. Class I

- 1:16:0:0:20:1:0:0



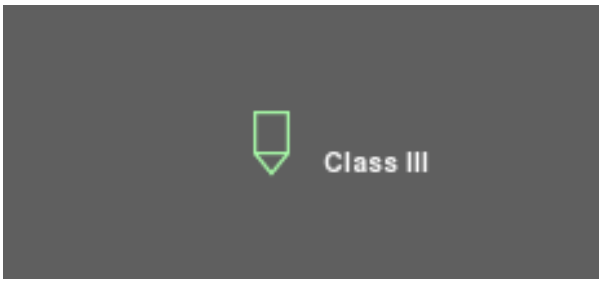
3.2.13. Class II

- 1:16:0:0:20:2:0:0



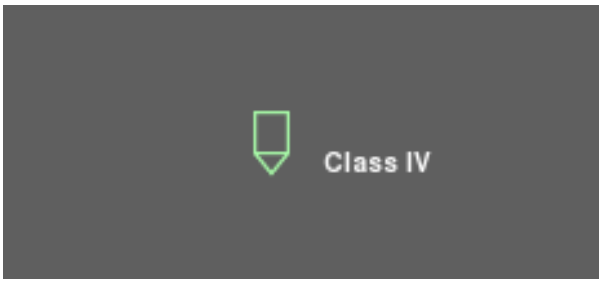
3.2.14. Class III

- 1:16:0:0:20:3:0:0



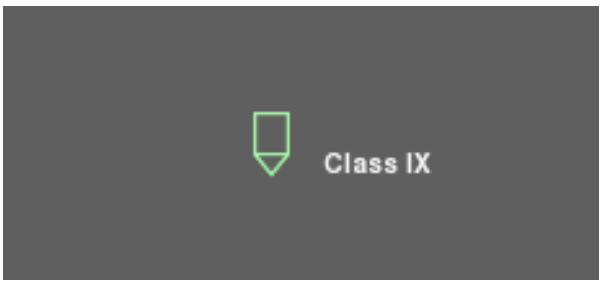
3.2.15. Class IV

- 1:16:0:0:20:4:0:0



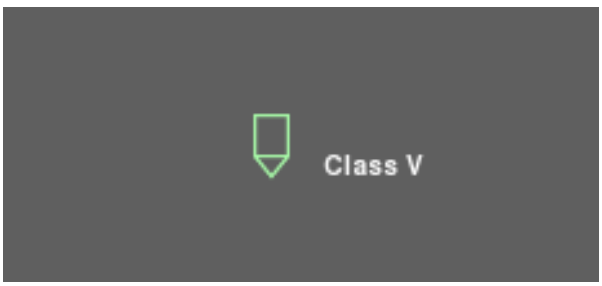
3.2.16. Class IX

- 1:16:0:0:20:9:0:0



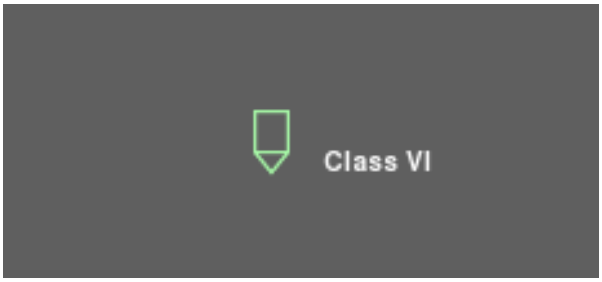
3.2.17. Class V

- 1:16:0:0:20:5:0:0



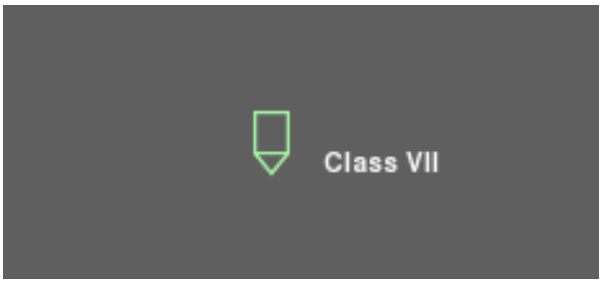
3.2.18. Class VI

- 1:16:0:0:20:6:0:0



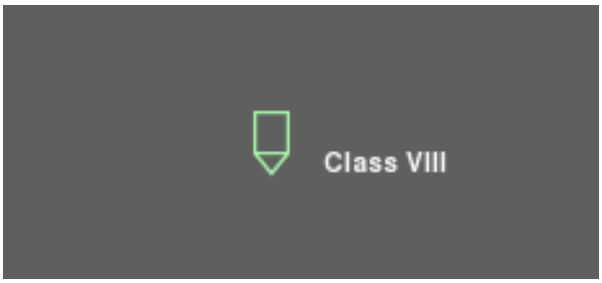
3.2.19. Class VII

- 1:16:0:0:20:7:0:0



3.2.20. Class VIII

- 1:16:0:0:20:8:0:0

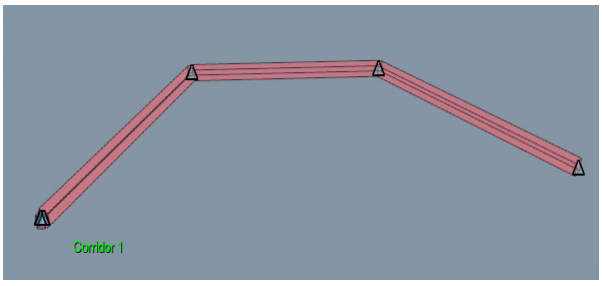


3.2.21. Coordination Point

- 1:16:0:0:10:0:0:0

3.2.22. Corridor

- 1:17:0:0:2:1:1:1



3.2.23. Decision Point

- 1:16:0:0:6:0:0:0

3.2.24. Direction (Main)

- 1:17:0:0:11:2:0:0

3.2.25. Direction

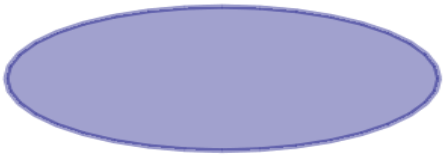
- 1:17:0:0:11:1:0:0

3.2.26. Ditch

- 1:17:1:0:0:5:1:0

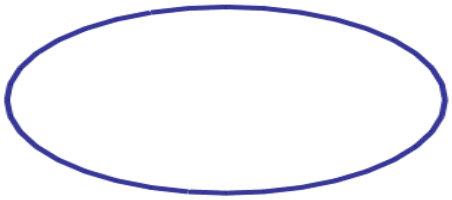
3.2.27. Ellipse (Extruded)

- 1:19:0:0:1:0:0:1



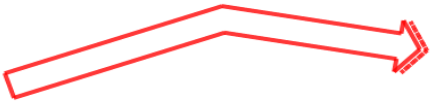
3.2.28. Ellipse

- 1:19:0:0:1:0:0:0



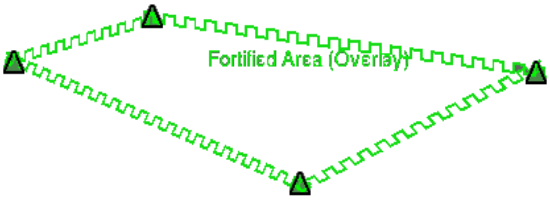
3.2.29. Feint

- 1:17:0:0:10:4:0:0



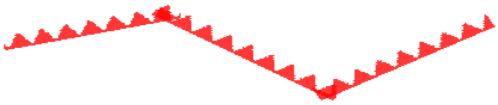
3.2.30. Fortified Area (Overlay)

- 1:18:0:0:7:0:0:0



3.2.31. Fortified Ditch

- 1:17:1:0:0:5:2:0

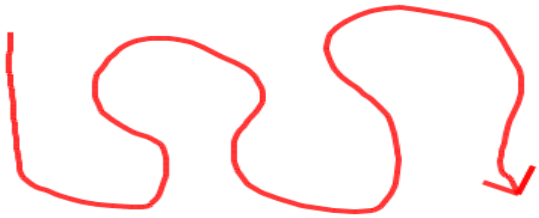


3.2.32. Fortified Line (Overlay)

- 1:17:0:0:0:2:3:0

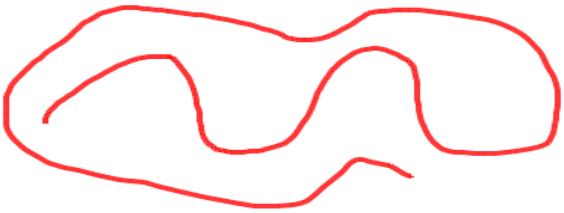
3.2.33. Freehand Line with Arrow

- 1:17:0:0:2:1:0:2



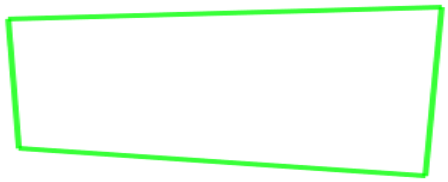
3.2.34. Freehand Line

- 1:17:0:0:2:1:0:1



3.2.35. Intel Collection Area

- 1:18:0:0:42:0:0:1



3.2.36. Joint Engagement Zone (Altitude Limited)

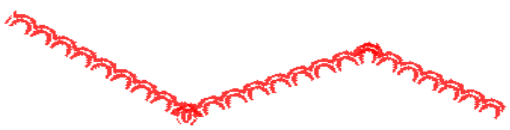
- 1:18:0:0:45:0:0:1

3.2.37. Line of Contact (Friendly)

- 1:17:0:0:0:2:1:0

3.2.38. Line of Contact (Hostile)

- 1:17:0:0:0:2:2:0



3.2.39. Line

- 1:17:0:0:0:1:1:0

3.2.40. Linear Target

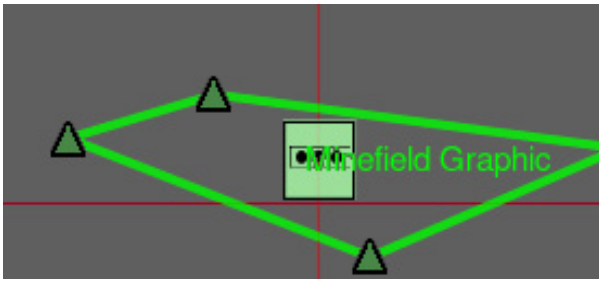
- 1:17:0:0:12:0:0:0

3.2.41. Main Axis

- 1:17:0:0:10:3:0:0

3.2.42. Minefield Graphic

- 1:18:0:0:1:1:1:15

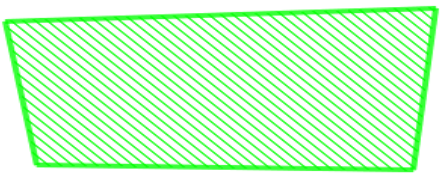


3.2.43. Missile Engagement Zone (Altitude Limited)

- 1:18:0:0:44:0:0:1

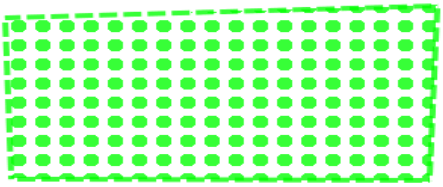
3.2.44. No-Go Area

- 1:18:0:0:1:0:1:14



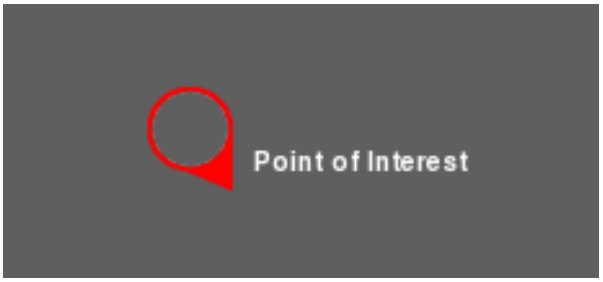
3.2.45. Planned Minefield

- 1:18:0:0:1:1:2:15



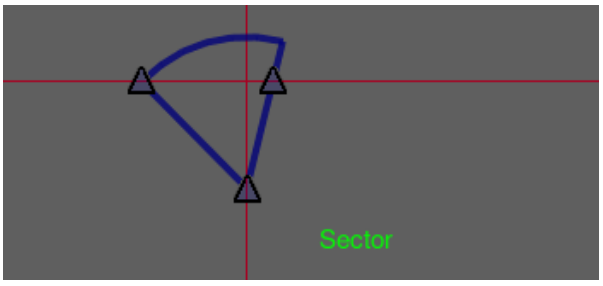
3.2.46. Point of Interest

- 1:16:0:0:13:0:0:0



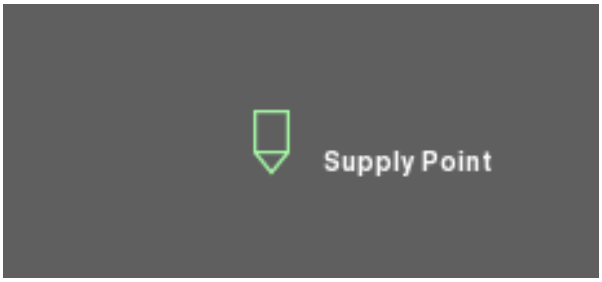
3.2.47. Sector

- 1:19:0:0:4:0:0:0



3.2.48. Supply Point

- 1:16:0:0:20:0:0:0



3.2.49. Supply Route [1-Way]

- 1:17:0:0:2:21:0:0

3.2.50. Supply Route [2 Way]

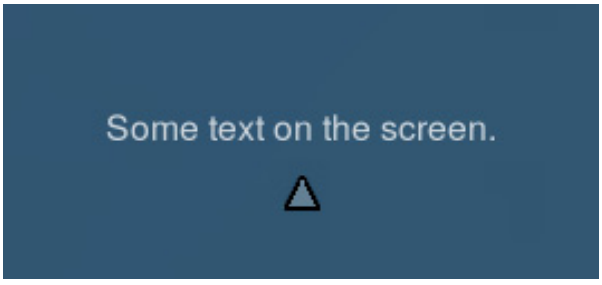
- 1:17:0:0:2:22:0:0

3.2.51. Supply Route

- 1:17:0:0:2:20:0:0

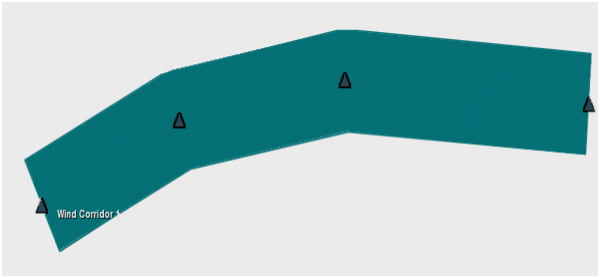
3.2.52. Text

- 1:20:0:0:0:0:0:0



3.2.53. Wind Corridor

- 1:17:0:0:2:1:1:2



3.3. Base SMS Simulation Objects

3.3.1. Dynamic Terrain Area

- 1:18:0:0:1:0:3:0
- Systems:
  - other: dynamic-terrain.sysdef

3.3.2. Linear Obstacle

- 1:17:0:0:2:0:0:1

3.3.3. Persistent Tracks Area

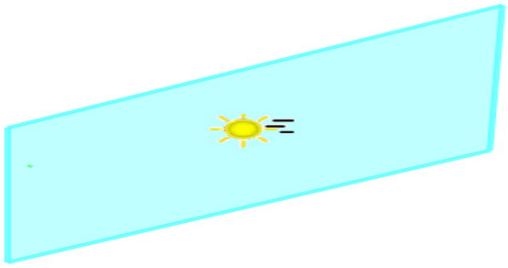
- 1:18:0:0:1:0:3:1
- Systems:
  - other: persistent-tracks.sysdef

3.3.4. Weather (Area)

- 1:21:0:0:2:0:0:1

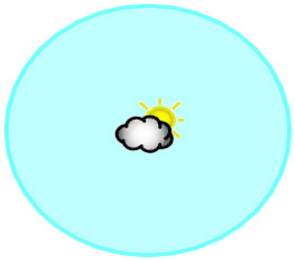
3.3.5. Weather (Box)

- 1:21:0:0:2:0:0:0



3.3.6. Weather (Circle)

- 1:21:0:0:2:0:0:3



3.3.7. Weather (Ellipse)

- 1:21:0:0:2:0:0:2

4. EntityLevel SMS Tactical Graphics Models

This chapter lists the tactical graphics by category.

Entity SMS Overlay Objects 4-2
Entity SMS Simulation Effect Objects 4-7

4.1. Entity SMS Overlay Objects

4.1.1. AAV Symbol

- 1:101:1:225:2:26:0:0

4.1.2. ACE Symbol

- 1:101:1:225:3:6:0:0

4.1.3. AVLB Symbol

- 1:101:1:225:3:4:2:0

4.1.4. Aerodrome

- 1:16:0:0:30:0:0:0

4.1.5. Avenger Symbol

- 1:101:1:225:28:5:4:0

4.1.6. BMP Symbol

- 1:101:1:222:2:2:1:0

4.1.7. CEV Symbol

- 1:101:1:225:3:5:0:0

4.1.8. Fist-V Symbol

- 1:101:1:225:2:1:1:0

4.1.9. HMMWV 50CAL Symbol

- 1:101:1:225:6:1:63:0

4.1.10. HMMWV MK19 Symbol

- 1:101:1:225:6:1:60:0

4.1.11. IMR Symbol

- 1:101:1:222:3:3:0:0

4.1.12. LAV Symbol

- 1:101:1:225:2:5:0:0

4.1.13. M-88 Symbol

- 1:101:1:225:3:1:1:0

4.1.14. M113 Symbol

- 1:101:1:225:3:14:1:0

4.1.15. M1A2 Symbol

- 1:101:1:225:1:1:3:0

4.1.16. M2A2 Symbol

- 1:101:1:225:2:1:2:0

4.1.17. MTK Symbol

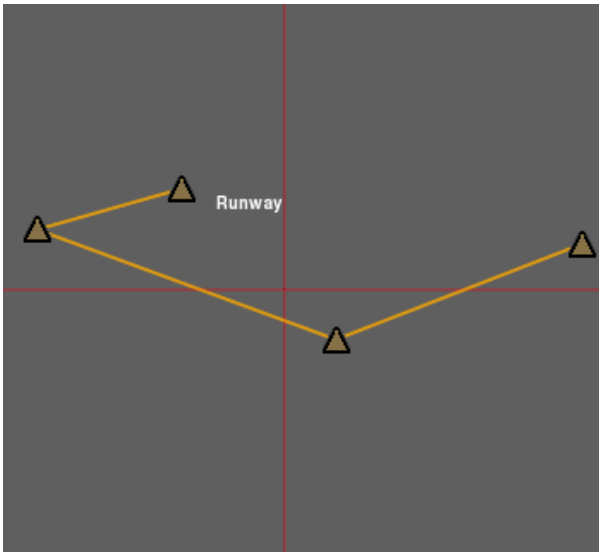
- 1:101:1:222:2:11:0:0

4.1.18. PALADIN Symbol

- 1:101:1:225:4:3:6:0

4.1.19. Runway

- 1:17:0:0:3:0:0:0



4.1.20. S-300 Symbol

- 1:101:1:222:28:9:1:0

4.1.21. SA-9 Symbol

- 1:101:1:222:28:12:2:0

4.1.22. T-80 Symbol

- 1:101:1:222:1:1:1:0

4.1.23. ZSU-23-4 Symbol

- 1:101:1:222:4:18:0:0

4.2. Entity SMS Simulation Effect Objects

4.2.1. Air Traffic Area

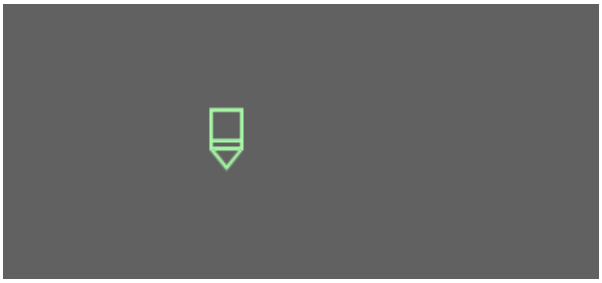
- 1:18:0:0:1:0:2:4
- Systems:
  - other: air-traffic-generator.sysdef

4.2.2. Blocking Terrain Page-in Area

- 1:18:0:0:5:0:0:1

4.2.3. Cover Point

- 1:16:0:0:1:3:0:0



4.2.4. Cow Area

- 1:18:0:0:1:0:2:1
- Systems:
  - other: pedestrian-traffic-generator.sysdef

4.2.5. Crawl Route (Nav Edge)

- 1:17:0:0:2:1:0:4

4.2.6. Goat Area

- 1:18:0:0:1:0:2:2
- Systems:
  - other: pedestrian-traffic-generator.sysdef

4.2.7. Intersection Manager

- 1:16:0:0:1:2:0:0

4.2.8. Minefield Conventional

- 1:18:1:0:4:0:0:0
- Systems:
  - weapon: minefield.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

4.2.9. Minefield RAAM-ADAM

- 1:18:1:0:4:1:1:0
- Systems:
  - weapon: mine-field.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

4.2.10. Minefield Scatterable

- 1:18:1:0:4:1:0:0
- Systems:
  - weapon: mine-field.sysdef
- Sensor signatures:
  - active-sonar-signa-ture: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

4.2.11. Nav Edge

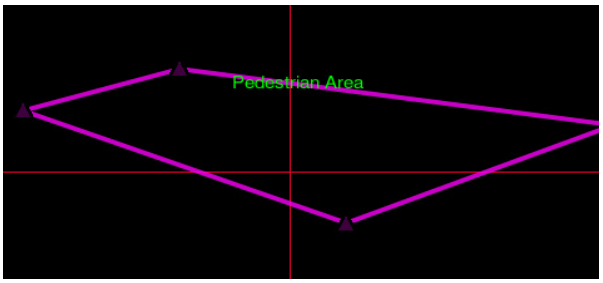
- 1:17:0:0:2:1:0:3

4.2.12. Obstacle

- 1:18:0:0:2:0:0:0

4.2.13. Pedestrian Area

- 1:18:0:0:1:0:2:0
- Systems:
  - other: pedestrian-traffic-generator.sysdef



4.2.14. Pedestrian Nav Edge

- 1:17:0:0:2:1:0:5

4.2.15. Pedestrian Path

- 1:17:0:0:2:0:0:2

4.2.16. Queue

- 1:17:0:0:2:23:0:0

4.2.17. Sheep Area

- 1:18:0:0:1:0:2:3
- Systems:
  - other: pedestrian-traffic-generator.sysdef

4.2.18. Terrain Page-in Area

- 1:18:0:0:4:0:0:0

5. AggregateLevel SMS Tactical Graphics

Models

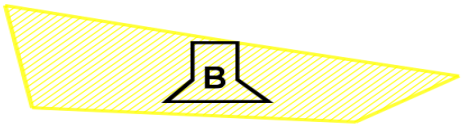
This chapter lists the tactical graphics by category.

Contamination Areas 5-2
Engineering Objects 5-2
Points 5-6
Aggregate Level Simulation Effect Objects 5-7

5.1. Contamination Areas

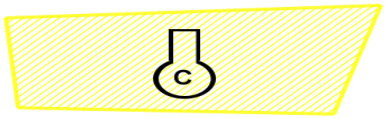
5.1.1. Biological Contamination Area

- 1:18:1:0:61:2:0:0



5.1.2. Chemical Contamination Area

- 1:18:1:0:61:3:0:0



5.1.3. Nuclear Contamination Area

- 1:18:1:0:61:1:0:0

5.2. Engineering Objects

5.2.1. Abatis

- 1:16:1:0:62:3:0:0

5.2.2. Anti-Tank Ditch

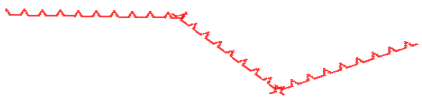
- 1:17:1:0:62:2:0:0

5.2.3. Barbed Wire

- 1:17:1:0:62:3:0:0

5.2.4. Barricade

- 1:17:1:0:62:4:0:0



5.2.5. Beam Post

- 1:16:1:0:62:4:0:0

5.2.6. Berm

- 1:17:1:0:62:5:0:0

5.2.7. Breach

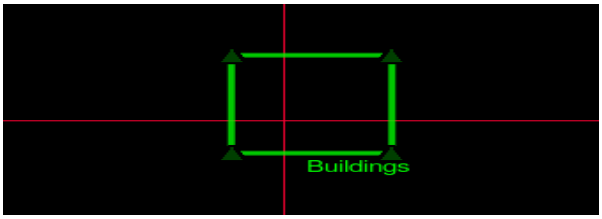
- 1:17:1:0:62:10:0:0

5.2.8. Bridge

- 1:17:1:0:62:12:0:0

5.2.9. Buildings

- 1:20:1:0:62:8:129:0



5.2.10. Bunker

- 1:20:1:0:62:3:0:0

5.2.11. Demolition Area

- 1:18:1:0:62:2:0:0

5.2.12. Dragons Teeth

- 1:17:1:0:62:6:0:0

5.2.13. Dry Gap

- 1:17:1:0:62:7:0:0

5.2.14. Falling Blocks

- 1:16:1:0:62:6:0:0

5.2.15. Fortified Area

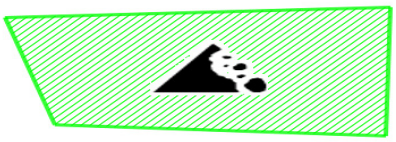
- 1:20:1:0:62:9:0:0

5.2.16. Fortified Line

- 1:17:1:0:62:9:0:0

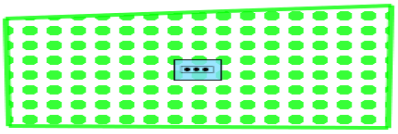
5.2.17. Landslide

- 1:18:1:0:62:5:0:0



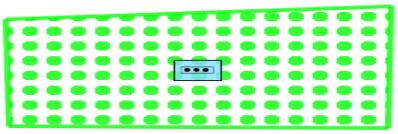
5.2.18. Minefield (ADAM-RAAM)

- 1:20:1:0:62:1:1:0



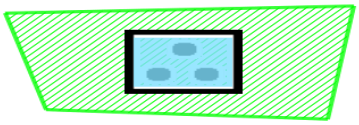
5.2.19. Minefield (Volcano)

- 1:20:1:0:62:1:2:0



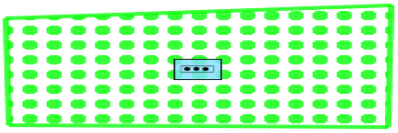
5.2.20. Mountains

- 1:18:1:0:62:4:0:0



5.2.21. Naval Minefield

- 1:20:3:0:62:1:0:0



5.2.22. Road

- 1:17:1:0:62:11:0:0

5.2.23. Strong Point

- 1:20:1:0:62:8:0:0

5.2.24. Unexploded Ordnance

- 1:16:1:0:62:2:0:0

5.3. Points

5.3.1. Emergency Point Downed Pilot

- 1:16:0:0:101:1:0:0

5.3.2. Emergency Point

- 1:16:0:0:101:0:0:0

5.3.3. Land Point HQ Complex

- 1:16:0:0:102:1:0:0

5.3.4. Land Point

- 1:16:0:0:102:0:0:0

5.3.5. Reference Point Data Link

- 1:16:0:0:100:1:0:0

5.3.6. Reference Point

- 1:16:0:0:100:0:0:0

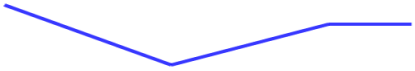
5.4. Aggregate Level Simulation Effect Objects

5.4.1. Road Crater

- 1:16:1:0:62:7:0:0

5.4.2. Waterway

- 1:17:1:0:62:8:0:0



Index

Numerics

2S1 Gvozdika 1-227
2S19 Msta-S 1-228
2S35 Kolitsiya SV 1-229

A

A-10 2-6
A-10 2-Ship 2-2
A-10 4-Ship 2-4
A-10 Thunderbolt 1-65
A-29 Super Tucano 1-66
A-4 Skyhawk 1-67
A400M Atlas 1-68
A400M Tanker 1-69
Aardvark JSFU 1-245
AAV Symbol 4-2
AAVC7A1 Landing Vehicle 1-230
Ababil UAV 1-75
Abatis 5-2
AC-130U Spooky II 1-70
ACE Symbol 4-2
Achzarit APC 1-246
Actros AHSVS 1-247
ADA BN RU solo 2-31
ADA BN US solo 2-32
ADA BTY US 2-33
ADA PLT US 2-34
Admiral Grigorovich-class Frigate 1-855
Aerodrome 4-2
Afghan Police Officer 1-581
Afghan Soldier AK47 1-582
Afghan Soldier Panzerfaust 3 1-583
African Insurgent 1-584
Aggregate
  ADA BN RU solo 2-31
  ADA BN US solo 2-32
  ADA BTY US 2-33
  ADA PLT US 2-34
  Air Defense Radar 2-36
  AR CAV TRP US 2-35
  Artillery BTY RU 2-37
  Artillery BTY US 2-38
  Artillery SP BTY - NBC 2-39
  Artillery SP BTY RU 2-40
  Artillery SP BTY US 2-41
  CIV BN solo 2-42
  Civilian CO 2-46
  CSS BN US solo 2-43
  CSS CO 2-44
  CSS PLT 2-45
  ENG BN US solo 2-47
  Eng Clearance CO 2-49
  Eng Mob Aug CO 2-50
  ENG PLT US 2-48
  FA BN RU solo 2-51
  FA BN US solo 2-52
  IFV SEC US 2-53
  INF BN RU solo 2-54
  INF BN US solo 2-55
  MECH BN RU solo 2-56
  MECH BN US solo 2-57
  Mech Inf CO RU 2-65
  Mech Inf CO US 2-66
  MECH PLT US 2-58
  MEDICAL BN US solo 2-59
  Medical CO US 2-67
  MI BN US solo 2-60
  MI CO US 2-61

Aggregate (continued)
MI PLT US 2-62
MLRS BTY US 2-63
Mortar PLT US 2-68
Mortar SP PLT US 2-69
MRL BTY RU 2-64
Patriot BTY 2-70
Rifle CO RU 2-71
Rifle CO US 2-72
SAM BTY RU 2-73
Scout Hvy CO US 2-74
Scout Hvy PLT US 2-75
Scout Motorized CO US 2-76
Scout Motorized PLT US 2-77
Scout Motorized SQD US 50BMG 2-78
Scout Motorized SQD US MK19 2-79
Secondary Radar 2-80
TANK BN RU solo 2-81
TANK BN US solo 2-82
Tank CO RU 2-85
Tank CO US 2-86
TANK PLT US 2-83
TANK SEC US 2-84
Weapons CO US 2-87
Aggregate Aircraft
A-10 2-6
A-10 2-Ship 2-2
A-10 4-Ship 2-4
Air Assault BN US solo 2-10
Air Assault CO US 2-11
AIR ATK SQDN US solo 2-7
Air Attack CO US 2-12
Air Base 2-13
Air Cav TRP US 2-14
AIR LIFT BN US solo 2-8
AVN SPT TROOP 2-9
Civilian Aircraft 2-15
E-3 2-16
EA-18G 2-17
F-16C 2-22
F-16C 2-Ship 2-18
F-16C 4-Ship 2-20
F/A-18 2-28
F/A-18 2-Ship 2-24
F/A-18 4-Ship 2-26
Flight 2-29
KC-130J 2-29
KC-135A 2-30
Aggregate Echelon
BN, Mech Infantry 2-88
Aggregate Echelon (continued)
BN, MLRS US 2-88
Civilian BDE 2-88
Civilian BN 2-88
CSS BN PA 2-88
CSS CO PA 2-88
ENG MA CO US PA 2-88
MECH CO US PA 2-89
Medical BN US 2-89
MI BN US 2-89
TANK CO US PA 2-89
Aggregate Level Simulation Effect Objects
Road Crater 5-7
Waterway 5-7
Aggregate Naval
Destroyer 2-90
Frigate 2-91
Submarine 2-92
AGM-84 Harpoon Missile 1-734
Agosta 90B-class Submarine 1-823
Agusta Westland AW-139 1-756
Agusta Westland AW-159 Wildcat 1-757
AgustaWestland AW101 1-758
AgustaWestland AW109 1-759
AH-1W SuperCobra 1-743
AH-6 Little Bird 1-744
AH-64A Apache 1-745
AH-64E Apache Guardian 1-748
AH-64E Apache Guardian with FCR 1-746
AH-64E Apache Guardian with UR 1-747
AH-7 Westland Lynx 1-749
Ahmad Yani-class Frigate 1-856
AHS Krab Howitzer 1-231
Air Assault BN US solo 2-10
Air Assault CO US 2-11
AIR ATK SQDN US solo 2-7
Air Attack CO US 2-12
Air Axis 3-3
Air Base 1-11, 2-13
Air Cav TRP US 2-14
Air Corridor 3-3
Air Defense Artillery Platoon (RUS) SA-9 1-248
Air Defense Artillery Platoon (USA) Avenger 1-248
Air Defense Radar 2-36
AIR LIFT BN US solo 2-8
Air Traffic Area 4-7
Air Turbulence Area 3-4
Airbus 310 - Air France 1-76

Airbus 310-304 1-77
Airbus 319 - Air China 1-78
Airbus 320 - American Airlines 1-79
Airbus 320 - British Airways 1-80
Airbus 320 - Lufthansa 1-81
Airbus 320 - Singapore Airlines 1-82
Airbus 380 1-83
Airbus A310 MRTT Tanker 1-83
Airbus H145 1-761
Aircraft Baggage Conveyor 1-249
Aircraft Baggage Truck 1-250
Aircraft Baggage Wagon 1-251
Aircraft Catering Truck 1-252
Aircraft Follow Me Car 1-253
Aircraft Hangar 1-12
Aircraft High Loader Dolly 1-254
Aircraft Mobile Stairs 1-255
Aircraft Tow Tractor 1 1-256
Aircraft Tow Tractor 2 1-257
Aircraft Towbar 1-258
AirMule 1-760
Airport Bus 1-259
Akula-class Submarine 1-824
Albatros-class Fast Attack 1-857
Albion-class LPD 1-858
Alert Area 3-4
Alta-class Minehunter 1-859
Ambulance 1-260
America Class Amphibious Assault Ship 1-860
AMX 1-71
AMX-10RC 1-232
AMX-30 MBT 1-233
AMX-30D 1-234
AMX-56 Leclerc MBT 1-235
AN/BLQ-11 UUV 1-822
Animal
  Bomb Sniffing Dog 1-2
  Camel 1-3
  Chicken 1-3
  Cow 1-4
  Dog 1-5
  Fish 1-6
  Goat 1-7
  Goat Herd 1-6
  Herd Cow 1-7
  Horse 1-8
  Kangaroo 1-8
  Mule 1-9
  Sheep 1-10
Animal (continued)
  Sheep Herd 1-9
  Water Buffalo 1-11
AN/MPQ-64 Phased Array SHORAD Radar 1-236
Antanov AN-72 Coaler 1-84
Anti-Tank Ditch 5-2
Antitank Team (USA Army) Javelin 1-585
Antonov-class 1-860
AN/TPY-2 Radar 1-237
Aquitaine-class Frigate 1-861
AR CAV TRP US 2-35
Aravis MRAP 1-261
Arc 3-4
Archer Class Patrol Boat 1-862
Area 3-2
Area (Extruded) 3-4
Arjun MBT 1-262
Arleigh Burke-class Destroyer 1-863
Armored Recon Platoon (RUS) BMP2 1-263
Artillery BTY RU 2-37
Artillery BTY US 2-38
Artillery SP BTY - NBC 2-39
Artillery SP BTY RU 2-40
Artillery SP BTY US 2-41
AS 332 Super Puma 1-750
AS 532 Cougar 1-751
AS 550 Fennec 1-752
AS-355 Ecureuil 2 1-753
AS-365 Dauphin 1-754
AS-565 Panther 1-755
AS-90 Artillery 1-238
Asagiri-class Destroyer 1-864
ASCOD Ulan AIFV 1-239
ASLAV-25 1-240
ASTROS II MLRS 1-241
Astute-class Submarine 1-825
AT-802 1-72
ATF Dingo 1-242
ATR 72-600 1-73
AUF1 155mm Howitzer 1-243
Australian Soldier EF88 1-586
Auto Ferry 1-865
Auto Rickshaw 1-263
Auverland A4 AVL 1-264
AV-8B Harrier II 1-74
Avenger Symbol 4-3
AVLB Symbol 4-2
AVN SPT TROOP 2-9

Axis 3-4
AZP S-60 1-244

B

B1-B Lancer 1-87
B-2 Spirit 1-85
B-52 Stratofortress 1-86
Badger AEV 1-276
BAE CT-155 Hawk 1-88
BAE Hawk T2 1-89
Bag Garbage Green 1-12
Bag Garbage Silver 1-13
Bandvagn 206 1-277
Barbed Wire 5-2
Barracks 1-13
Barricade 5-3
Base SMS Control Objects
  Area 3-2
  Engineering Point 3-2
  Joint Engagement Zone 3-2
  Missile Engagement Zone 3-2
  Phase Line 3-2
  Riot Point 3-3
  Route 3-3
  Waypoint 3-3
Base SMS Overlay Objects
  Air Axis 3-3
  Air Corridor 3-3
  Air Turbulence Area 3-4
  Alert Area 3-4
  Arc 3-4
  Area (Extruded) 3-4
  Axis 3-4
  Box 3-5
  Box (Extruded) 3-5
  Circle 3-5
  Circle (Extruded) 3-5
  Class I 3-5
  Class II 3-6
  Class III 3-6
  Class IV 3-6
  Class IX 3-6
  Class V 3-6
  Class VI 3-7
  Class VII 3-7
  Class VIII 3-7
  Coordination Point 3-7
  Corridor 3-7
  Decision Point 3-8
Base SMS Overlay Objects (continued)
  Direction 3-8
  Direction (Main) 3-8
  Ditch 3-8
  Ellipse 3-9
  Ellipse (Extruded) 3-8
  Feint 3-9
  Fortified Area (Overlay) 3-9
  Fortified Ditch 3-9
  Fortified Line (Overlay) 3-9
  Freehand Line 3-10
  Freehand Line with Arrow 3-10
  Intel Collection Area 3-10
  Joint Engagement Zone (Altitude Limited) 3-10
  Line 3-11
  Line of Contact (Friendly) 3-10
  Line of Contact (Hostile) 3-11
  Linear Target 3-11
  Main Axis 3-11
  Minefield Graphic 3-11
  Missile Engagement Zone (Altitude Limited) 3-12
  No-Go Area 3-12
  Planned Minefield 3-12
  Point of Interest 3-12
  Sector 3-12
  Supply Point 3-13
  Supply Route 3-13
  Supply Route [1-Way] 3-13
  Supply Route [2 Way] 3-13
  Text 3-13
  Wind Corridor 3-14
Base SMS Simulation Effect Objects
  Dynamic Terrain Area 3-14
  Linear Obstacle 3-14
  Persistent Tracks Area 3-14
  Weather (Area) 3-14
  Weather (Box) 3-15
  Weather (Circle) 3-15
  Weather (Ellipse) 3-15
Bay-class DLS 1-867
Bay-class Patrol Boat 1-868
BAZ-69092 Tow Vehicle 1-265
Beam Post 5-3
Beaver AVLB 1-278
Beechcraft 36 Bonanza 1-92
Beechcraft C-12 1-93
Beechcraft MC-12 King Air 1-95

Beechcraft MC-12 King Air Single Seater 1-94
Beechcraft T-6 Texan II 1-96
Belgian Soldier 1-587
Bell 206 JetRanger 1-762
Bell 212 1-763
Bell 406 1-764
Bell 407 1-765
Bell 412 1-766
Bell 429 Global Ranger 1-767
Bergepanzer 2 ARV 1-279
Beriev A-50 Mainstay 1-97
Berm 5-3
Biological Contamination Area 5-2
Bison APC 1-280
Blocking Terrain Page-in Area 4-7
BM-21 2B17 1-266
BM-28 Sea Lady Trawler 1-866
BMD-2 IFV 1-267
BMD-3 IFV 1-268
BMP Symbol 4-3
BMP-1 AFV 1-269
BMP-2 AFV 1-270
BMP-3 AFV 1-271
BN, Mech Infantry 2-88
BN, MLRS US 2-88
BN-2 Islander 1-90
Boeing 707 1-98
Boeing 737 British Airways 1-99
Boeing 737-900 1-100
Boeing 747-400 1-101
Boeing 757 1-102
Boeing 767 1-103
Boeing 777 1-106
Boeing 777-200 1-104
Boeing 777-300 1-105
Boeing 787-800 1-107
Boeing E-4 1-108
Bomb Sniffing Dog 1-2
Bombardier CL-600 1-109
Bombardier CRJ 700 1-110
Bombardier CRJ100 Air France 1-111
Bombardier CRJ200 Air France 1-112
Bombardier DHC-8 1-113
Border Patrol Agent 1-588
Bottle 1-14
Box 3-5
Box (Extruded) 3-5
Box Cardboard Brown 1-14
Box Cardboard White 1-15
Box Fruit Cardboard 1-15
Box Shipping Cardboard 1-16
Box Truck 1-282
Box Truck Graffiti 1-281
Box Wine Cardboard 1-16
Brandenburg-class Frigate 1-869
Braunschweig-class Corvette 1-870
Brazilian Soldier 1-589
Breach 5-3
Bremen-class Frigate 1-871
Bridge 5-3
Bridge Arch Stone 1-17
Bridge Concrete Two Lane 1-17
BTR-60 APC 1-272
BTR-80 APC 1-273
BTR-90 APC 1-274
BTT-3 Banshee Jet 80 1-91
Buffalo ARV 1-283
Buffalo MRAP III 1-284
Building Barracks Canvas 1-18
Building Barracks Large Wood Two Story 1-18
Building Barracks Long Wood 1-19
Building Barracks Medium Wood 1-19
Building Barracks Wood 1-20
Building Barracks Wood Two Story 1-20
Building Commercial Brick Two Story 1-21
Building Fire Station Brick 1-21
Building Medieval Church Brick 1-23
Building MOUT Large Concrete 1-22
Building MOUT Medium Concrete 1-22
Building MOUT Small Concrete 1-23
Building Office Four Story 1-24
Building Post Office Brick 1-24
Building Stucco Three Story Gray 1-25
Building Warehouse Metal 1-25
Building Warehouse Steel 1-26
Buildings 5-3
Bulldozer 1-285
Bunker 5-3
Buoy (Can) 1-26
Buoy (Green Lighted) 1-27
Buoy (Nun) 1-27
Buoy (Red Lighted) 1-28
Bus 1-286
Bushmaster PMV 1-287
Buyan M Class Corvette 1-872
BV206 SUSV 1-275

C

C1 Ariete MBT 1-288
C-130 Hercules 1-114
C-130J Super Hercules 1-115
C-17 Globemaster III 1-116
C-5 Galaxy 1-117
Cadillac Gage Commando V-150 1-292
CAESAR SP Howitzer 1-289
Camel 1-3
Canadair CT-114 1-124
Canadian Navy 1-591
Canadian Soldier 1-592
Cape-class Patrol Boat 1-873
Car Bomb 1-293
CASA C-212 Aviocar 1-118
CASA CN-235 1-119
CC-115 Buffalo 1-120
CC-150 Polaris 1-121
Centauro B1 1-294
Cessna 172 Skyhawk 1-125
Cessna 185 Skywagon Floats 1-126
Cessna Citation 1-127
Cessna F406 Caravan II 1-128
CEV Symbol 4-3
CH-146 Griffon 1-768
CH-148 Cyclone 1-769
CH-149 Cormorant 1-770
CH-46E Sea Knight 1-771
CH-47 Chinook 1-772
CH-47F Chinook 1-773
CH-53E Super Stallion 1-774
Challenger-class Submarine 1-826
Charles de Gaulle Class Carrier 1-874
Chemical Contamination Area 5-2
Chengdu J-10C 1-129
Chengdu J-20 1-130
Chengdu J-7 1-131
Chevrolet Caprice 1-295
Chicken 1-3
Child 1-593
Chilean AT4 1-594
Chilean IMI Galil 1-595
Chilean M16 1-597
Chilean M16-M203 1-596
Chilean M240 1-598
Chilean M249 1-599
Chilean M4 1-600
Chilean M60 1-601
Circle 3-5
Circle (Extruded) 3-5
CIV BN solo 2-42
Civilian Aircraft 2-15
Civilian Airport Worker 1-602
Civilian BDE 2-88
Civilian BN 2-88
Civilian CO 2-46
Civilian Crowd (Small) 1-602
Civilian Female 1-603
Civilian Male 1-604
Civilian Mideast Crowd (Large) 1-604
Civilian Mideast Crowd (Medium) 1-605
Civilian Mideast Crowd (Small) 1-605
Civilian Vehicle 1-295
CL-415 Superscooper 1-122
Class I 3-5
Class II 3-6
Class III 3-6
Class IV 3-6
Class IX 3-6
Class V 3-6
Class VI 3-7
Class VII 3-7
Class VIII 3-7
Club K Container Missile Launcher 1-296
Colombian Airforce 1-606
Colombian Armed Forces 1-607
Colombian Military Police 1-608
Colombian Naval Infantry 1-609
Colombian Police Anti Disturb 1-610
Colombian Police Officer 1-611
Colombian Riot Police 1-612
Colombian Soldier IWI X95 1-613
COLT Team (RUS) 1-590
COLT Team (USA) 1-590
Combat Service Support Platoon (RUS) 1-297
Combat Service Support Platoon (USA) 1-297
Combat Service Support Section (USA) 1-298
Commercial Medium Truck 1-298
Communications Satellite 1-817
Construction Worker 1-614
Container Cargo 1-28
Container Ship 1-876
Container Ship Loaded 1-875
Container Trash Bin 1-29
Container Trash Receptacle 1-29

Contamination Areas
Biological Contamination Area 5-2
Chemical Contamination Area 5-2
Nuclear Contamination Area 5-2
Coordination Point 3-7
Corridor 3-7
Cougar FSV 1-299
Cover Point 4-7
Cow 1-4
Cow Area 4-7
Coyote APC 1-300
Coyote TSV 6x6 1-301
Crate Wooden 1-30
Crate Wooden Strapped 1-30
Crawl Route (Nav Edge) 4-8
Cruise Ship 1-877
CSS BN PA 2-88
CSS BN US solo 2-43
CSS CO 2-44
CSS CO PA 2-88
CSS PLT 2-45
CUCV II 1-290
Cultural Feature
Air Base 1-11
Aircraft Hangar 1-12
Bag Garbage Green 1-12
Bag Garbage Silver 1-13
Barracks 1-13
Bottle 1-14
Box Cardboard Brown 1-14
Box Cardboard White 1-15
Box Fruit Cardboard 1-15
Box Shipping Cardboard 1-16
Box Wine Cardboard 1-16
Bridge Arch Stone 1-17
Bridge Concrete Two Lane 1-17
Building Barracks Canvas 1-18
Building Barracks Large Wood Two Story 1-18
Building Barracks Long Wood 1-19
Building Barracks Medium Wood 1-19
Building Barracks Wood 1-20
Building Barracks Wood Two Story 1-20
Building Commercial Brick Two Story 1-21
Building Fire Station Brick 1-21
Building Medieval Church Brick 1-23
Building MOUT Large Concrete 1-22
Building MOUT Medium Concrete 1-22
Building MOUT Small Concrete 1-23
Cultural Feature (continued)
Building Office Four Story 1-24
Building Post Office Brick 1-24
Building Stucco Three Story Gray 1-25
Building Warehouse Metal 1-25
Building Warehouse Steel 1-26
Buoy (Can) 1-26
Buoy (Green Lighted) 1-27
Buoy (Nun) 1-27
Buoy (Red Lighted) 1-28
Container Cargo 1-28
Container Trash Bin 1-29
Container Trash Receptacle 1-29
Crate Wooden 1-30
Crate Wooden Strapped 1-30
Drum Plastic Blue 1-31
Duffle Bag IED 1-31
Dumpster Blue 1-32
Dumpster Green 1-32
Dumpster Light Blue 1-33
Dumpster Pink 1-33
Furniture Outdoor Bench Park 1-34
Hesco Barrier Small 1-34
House Farmhouse 1-35
House French Colonial Clapboard Gray 1-35
House German Colonial Stucco Tan 1-36
House Raised Ranch Clapboard White 1-36
House Single Family 1-37
House Spanish Colonial Stucco Beige 1-37
House Spanish Single Story Stucco White 1-38
House Stick Style Brick White 1-38
Light Lamp Post 1-39
Middle Eastern House 1-40
Middle Eastern House Hideout 1-39
MiddleEasternShop 1-40
Military Tactical Ladder 12ft 1-41
Military Tactical Ladder 16ft 1-41
Military Tactical Ladder 8ft 1-42
Minefield Flag-Marker 1-42
Nuclear Power Plant 1-43
Obstacle Bollard 1-43
Obstacle Dragon's Teeth 1-44
Obstacle Fence Chain Link 1-44
Obstacle Fire Hydrant 1-45
Obstacle Minefield Post 1-45

Cultural Feature (continued)
Obstacle Traffic Barricade Blue 1-46
Obstacle Traffic Barricade Yellow 1-46
Palette Wooden 1-48
Palette Wooden Gray 1-47
Parachuting Cargo Palette 1-51
Parachuting Cargo Palette 10K 1-48
Parachuting Cargo Palette 15K 1-49
Parachuting Cargo Palette 5K 1-50
POL Storage Tank 1-47
Radio Antenna 1-51
Rope Ladder 10m 1-52
Runway 1000m 1-52
Runway 150m 1-53
Shooting Target 1-55
Shooting Target Poster Silhouette 1-53
Shooting Target Poster Suspect 1-54
Shooting Target Poster Thug 1-54
Sign Pole Traffic Stop 1-55
Tire Spare 1-56
Tire Spare Compact 1-56
Tower Clock German 1-57
Tower Communications 1-57
Tower Control Concrete 1-58
Tower Power Transmission 1-58
Tower Radio 1-59
Tower Water 1-59
Traffic Cone Red 1-60
Traffic Cone Yellow 1-60
Traffic Light 1-61
Trash Bag Pile Extra Large 1-61
Trash Bag Pile Large 1-62
Trash Bag Pile Medium 1-62
Trash Bag Pile Small 1-63
Vending Machine Newspaper 1-63
Vending Machine Publication 1-64
CV-22B Osprey 1-123
CV9035 AFV 1-291

D

Dabur-class Patrol Boat 1-879
Dardo IFV 1-303
Dassault Atlantic 1-132
Dassault Mystere-Falcon 20 1-133
Dassault Mystere-Falcon 900 1-134
DDG-Aegis 1-878
De Zeven Provincien Class Frigate 1-880
Decision Point 3-8
Defender Class B Patrol Boat 1-881
Defense Satellite 1-818
Delhi-class Destroyer 1-882
Delta III-class Submarine 1-827
Delta IV-class Submarine 1-828
Demolition Area 5-4
Destroyer 2-90
DI Lasing (CIS) 1-615
DI Lasing (US) 1-616
Direction 3-8
Direction (Main) 3-8
Ditch 3-8
DJI Phantom 4 1-775
DJI S1000 1-776
DJI Spark Quadcopter 1-777
DNG/DCL 1-302
Dog 1-5
Dolphin-class Submarine 1-829
Dornier DO 228-200 LGW 1-135
Dragons Teeth 5-4
Drum Plastic Blue 1-31
Dry Gap 5-4
Duffle Bag IED 1-31
Dumpster Blue 1-32
Dumpster Green 1-32
Dumpster Light Blue 1-33
Dumpster Pink 1-33
Durand de la Penne-class Destroyer 1-883
Dutch Soldier 1-617
Dynamic Terrain Area 3-14

E

E-2 Hawkeye 1-136
E-3 2-16
E-3 Sentry 1-137
E-7 AEW&C Wedgetail 1-138
E-8C JSTARS 1-139
EA-18G 2-17
EA-18G Growler 1-140
EA-6B Prowler 1-141
EADS CASA C-295 1-142
EC 635 1-778
EC-120 Eurocopter Colibri 1-779
EC-135 Eurocopter 1-780
EC145 1-781
EC665 Eurocopter Tiger 1-782
EC665 Eurocopter UH Tiger 1-783
EC725 Caracal 1-784
Echo-class Survey Ship 1-884
Economy Compact Size Sedan 1-308

EE-9 Cascavel 1-304
EH101 Merlin 1-785
Elizabeth Coastal Freighter 1-885
Ellipse 3-9
Ellipse (Extruded) 3-8
Embraer ERJ135 1-145
Embraer Phenom 100 1-146
Embraer R/E-99 1-147
Emergency Medical Technician 1-618
Emergency Point 5-6
Emergency Point Downed Pilot 5-6
EMT Aladin 1-143
EMT Luna 1-144
ENG BN US solo 2-47
Eng Clearance CO 2-49
ENG MA CO US PA 2-88
Eng Mob Aug CO 2-50
ENG PLT US 2-48
Engineering Objects
  Abatis 5-2
  Anti-Tank Ditch 5-2
  Barbed Wire 5-2
  Barricade 5-3
  Beam Post 5-3
  Berm 5-3
  Breach 5-3
  Bridge 5-3
  Buildings 5-3
  Bunker 5-3
  Demolition Area 5-4
  Dragons Teeth 5-4
  Dry Gap 5-4
  Falling Blocks 5-4
  Fortified Area 5-4
  Fortified Line 5-4
  Landslide 5-4
  Minefield (ADAM-RAAM) 5-5
  Minefield (Volcano) 5-5
  Mountains 5-5
  Naval Minefield 5-5
  Road 5-5
  Strong Point 5-5
  Unexploded Ordnance 5-5
Engineering Point 3-2
Entity SMS Overlay Objects
  AAV Symbol 4-2
  ACE Symbol 4-2
  Aerodrome 4-2
  Avenger Symbol 4-3
  AVLB Symbol 4-2
Entity SMS Overlay Objects (continued)
  BMP Symbol 4-3
  CEV Symbol 4-3
  Fist-V Symbol 4-3
  HMMWV 50CAL Symbol 4-3
  HMMWV MK19 Symbol 4-4
  IMR Symbol 4-4
  LAV Symbol 4-4
  M113 Symbol 4-4
  M1A2 Symbol 4-5
  M2A2 Symbol 4-5
  M-88 Symbol 4-4
  MTK Symbol 4-5
  PALADIN Symbol 4-5
  Runway 4-6
  S-300 Symbol 4-6
  SA-9 Symbol 4-6
  T-80 Symbol 4-6
  ZSU-23-4 Symbol 4-7
Entity SMS Simulation Effect Objects
  Air Traffic Area 4-7
  Blocking Terrain Page-in Area 4-7
  Cover Point 4-7
  Cow Area 4-7
  Crawl Route (Nav Edge) 4-8
  Goat Area 4-8
  Intersection Manager 4-8
  Minefield Conventional 4-8
  Minefield RAAM-ADAM 4-9
  Minefield Scatterable 4-9
  Nav Edge 4-9
  Obstacle 4-10
  Pedestrian Area 4-10
  Pedestrian Nav Edge 4-10
  Pedestrian Path 4-10
  Queue 4-10
  Sheep Area 4-11
  Terrain Page-in Area 4-11
EPP-III Patriot Power Generator 1-305
ERC 90 Sagaie 1-306
Eridan-class Minehunter 1-886
ESK Mungo 1-307
Eurofighter Typhoon 1-148
European Soldier 1-619

F

F-117A Nighthawk 1-149
F-15 Eagle 1-150
F-16A Fighting Falcon 1-151

F-16C 2-22
F-16C 2-Ship 2-18
F-16C 4-Ship 2-20
F-22 Raptor 1-152
F-22P Zulfiquar-class Frigate 1-887
F-35 Lightning II 1-153
F-4E 2020 Terminator 1-154
F-5E Tiger 1-155
FA BN RU solo 2-51
FA BN US solo 2-52
F/A-18 2-28
F/A-18 2-Ship 2-24
F/A-18 4-Ship 2-26
F/A-18 Hornet 1-156
Fajr Houdong (Tondar) Class 1-888
Falling Blocks 5-4
Fatahillah-class Frigate 1-889
Federal Express Truck 1-316
Feint 3-9
Female On Bike 1-620
Fennek 1-317
FGM-148 Javelin Tripod 1-309
Fiat 124 1-318
Field Artillery Battery (USA) M109 1-318
Field Artillery Battery (USA) M777 1-319
Field Artillery Headquarters Section (USA) 1-319
Field Artillery Platoon (USA) M109 1-320
Field Artillery Platoon (USA) M777 1-320
Field Artillery Section (USA) M109 1-321
Field Artillery Section (USA) M777 1-321
Fire Engine 1-322
Fire Support Team 1-621
Fire Support Team (USA) 1-620
Fireman (Hose) 1-621
Fish 1-6
Fisherman with Life Jacket 1-622
Fishing Boat 1-890
Fist-V Symbol 4-3
Fixed Wing
  A-10 Thunderbolt 1-65
  A-29 Super Tucano 1-66
  A-4 Skyhawk 1-67
  A400M Atlas 1-68
  A400M Tanker 1-69
  Ababil UAV 1-75
  AC-130U Spooky II 1-70
  Airbus 310 - Air France 1-76
  Airbus 310-304 1-77
  Airbus 319 - Air China 1-78
Fixed Wing (continued)
  Airbus 320 - American Airlines 1-79
  Airbus 320 - British Airways 1-80
  Airbus 320 - Lufthansa 1-81
  Airbus 320 - Singapore Airlines 1-82
  Airbus 380 1-83
  Airbus A310 MRTT Tanker 1-83
  AMX 1-71
  Antanov AN-72 Coaler 1-84
  AT-802 1-72
  ATR 72-600 1-73
  AV-8B Harrier II 1-74
  B1-B Lancer 1-87
  B-2 Spirit 1-85
  B-52 Stratofortress 1-86
  BAE CT-155 Hawk 1-88
  BAE Hawk T2 1-89
  Beechcraft 36 Bonanza 1-92
  Beechcraft C-12 1-93
  Beechcraft MC-12 King Air 1-95
  Beechcraft MC-12 King Air Single Seater 1-94
  Beechcraft T-6 Texan II 1-96
  Beriev A-50 Mainstay 1-97
  BN-2 Islander 1-90
  Boeing 707 1-98
  Boeing 737 British Airways 1-99
  Boeing 737-900 1-100
  Boeing 747-400 1-101
  Boeing 757 1-102
  Boeing 767 1-103
  Boeing 777 1-106
  Boeing 777-200 1-104
  Boeing 777-300 1-105
  Boeing 787-800 1-107
  Boeing E-4 1-108
  Bombardier CL-600 1-109
  Bombardier CRJ 700 1-110
  Bombardier CRJ100 Air France 1-111
  Bombardier CRJ200 Air France 1-112
  Bombardier DHC-8 1-113
  BTT-3 Banshee Jet 80 1-91
  C-130 Hercules 1-114
  C-130J Super Hercules 1-115
  C-17 Globemaster III 1-116
  C-5 Galaxy 1-117
  Canadair CT-114 1-124
  CASA C-212 Aviocar 1-118
  CASA CN-235 1-119
  CC-115 Buffalo 1-120

Fixed Wing (continued)
CC-150 Polaris 1-121
Cessna 172 Skyhawk 1-125
Cessna 185 Skywagon Floats 1-126
Cessna Citation 1-127
Cessna F406 Caravan II 1-128
Chengdu J-10C 1-129
Chengdu J-20 1-130
Chengdu J-7 1-131
CL-415 Superscooper 1-122
CV-22B Osprey 1-123
Dassault Atlantic 1-132
Dassault Mystere-Falcon 20 1-133
Dassault Mystere-Falcon 900 1-134
Dornier DO 228-200 LGW 1-135
E-2 Hawkeye 1-136
E-3 Sentry 1-137
E-7 AEW&C Wedgetail 1-138
E-8C JSTARS 1-139
EA-18G Growler 1-140
EA-6B Prowler 1-141
EADS CASA C-295 1-142
Embraer ERJ135 1-145
Embraer Phenom 100 1-146
Embraer R/E-99 1-147
EMT Aladin 1-143
EMT Luna 1-144
Eurofighter Typhoon 1-148
F-117A Nighthawk 1-149
F-15 Eagle 1-150
F-16A Fighting Falcon 1-151
F-22 Raptor 1-152
F-35 Lightning II 1-153
F-4E 2020 Terminator 1-154
F-5E Tiger 1-155
F/A-18 Hornet 1-156
Gulfstream G400 1-157
Gulfstream G550 1-158
Gulfstream III 1-159
Harbin SH-5 ASW 1-160
Hermes 450 1-161
IAI 1124 Sea Scan 1-162
IAI Heron 1-163
IL-38 Dolphin 1-164
IL-76MD Candid B 1-165
IL-78M Midas Tanker 1-166
Jaguar IS 1-169
JAS 39 Gripen 1-167
JF-17 Thunder 1-168
KC-10A Extender 1-170

Fixed Wing (continued)
KC-130 Hercules Tanker 1-171
KC-130J Super Hercules Tanker 1-171
KC-135 Stratotanker 1-172
KC-46A Pegasus 1-173
L-39 Albatros 1-174
Lockheed L-1011 1-175
M-346 Master 1-176
Maveric UAS 1-183
MIG-21 Fishbed 1-177
MiG-27 Flogger 1-184
MiG-29 Fulcrum 1-185
MiG-31 Foxhound 1-186
MiG-35 Fulcrum F 1-187
Mirage 2000 1-188
Mirage F1 1-189
Mohajer UAV 1-190
MQ-1 Predator 1-178
MQ-1C Gray Eagle 1-179
MQ-4C Triton 1-180
MQ-9 Reaper UAV 1-181
MV-22B Osprey 1-182
Nanchang Q-5 Fantan 1-191
P-3 Orion 1-192
P-8A Poseidon 1-193
Rafale B 1-198
RDE KZO 1-194
RQ-11 Raven UAV 1-195
RQ-4 Global Hawk UAV 1-196
RQ-7 Shadow UAV 1-197
SAGEM Sperwer 1-199
ScanEagle UAV 1-209
Sentinel R1 1-210
Shaanxi KJ-500 1-211
Shenyang J-11 Flanker 1-212
Shenyang J-15 Flanker D 1-213
Shenyang J-31 Gyrfalcon 1-214
Shenyang J-8 Finback 1-215
SU-22M-4 Fitter-K 1-200
SU-24M Fencer D 1-201
SU-25 Frogfoot 1-202
SU-27 Flanker 1-203
SU-33 Flanker D 1-204
SU-34 Fullback 1-205
SU-35 Flanker E 1-206
SU-37 Flanker 1-207
SU-57 Felon 1-208
T-38C Talon 1-216
Tornado ADV 1-217
Tu-160 Blackjack 1-218

Fixed Wing (continued)
Tu-22M Backfire 1-219
Tu-95 Bear E 1-220
Ultralight Trike 1-221
Xian H-6 Badger 1-222
Xian H-6U Badger Tanker 1-223
Xian JH-7 1-224
Xian KJ-2000 Mainring 1-225
Yak-130 Mitten 1-226
Fleet-class USV 1-891
Flight 2-29
Flight Deck Crew 1-625
Flight Deck Crew (Chock And Chains) 1-623
Flight Deck Crew (Grounding Cable) 1-624
Flight Deck Crewman 1-626
Flight Deck Worker 1-627
Floreal-class Frigate 1-892
Flyvefisken-class Patrol Boat 1-893
Food Truck 1-323
Ford Aircraft Oil Truck 1-324
Ford Escape SUV 1-325
Fortified Area 5-4
Fortified Area (Overlay) 3-9
Fortified Ditch 3-9
Fortified Line 5-4
Fortified Line (Overlay) 3-9
Frankenthal-class Minehunter 1-894
Freccia IFV 1-326
Freehand Line 3-10
Freehand Line with Arrow 3-10
French Soldier 1-628
Fridtjof Nansen-class 1-895
Frigate 2-91
Fuchs APC 1-327
Fuel Tanker Trailer 1-328
Furniture Outdoor Bench Park 1-34
FV 510 Warrior 1-310
FV101 Scorpion CVR 1-311
FV107 Scimitar 1-312
FV4030/4 Challenger MBT 1-313
FV4034 Challenger 2 MBT 1-314
FV432 APC 1-315

G

Gaeta-class Minehunter 1-896
GAZ-2330 SPM Tigr-M 1-330
GAZ-233114 AMN Tigr-M 1-331
GAZ-233115 Tigr-M 1-331
GAZ-2975 Tigr-M 1-332
GAZ-66 Truck 1-332
GAZ-69 Utility Vehicle 1-333
Gepard-class Frigate 1-897
German Soldier 1-629
Ghillie Suit Soldier 1-630
Goat 1-7
Goat Area 4-8
Goat Herd 1-6
Gotland-class Submarine 1-830
Green Pine Radar 1-336
Grisha-class Corvette 1-898
Grizzly APC 1-337
Ground Vehicle
2S1 Gvozdika 1-227
2S19 Msta-S 1-228
2S35 Kolitsiya SV 1-229
Aardvark JSFU 1-245
AAVC7A1 Landing Vehicle 1-230
Achzarit APC 1-246
Actros AHSVS 1-247
AHS Krab Howitzer 1-231
Air Defense Artillery Platoon (RUS) SA-9 1-248
Air Defense Artillery Platoon (USA) Avenger 1-248
Aircraft Baggage Conveyor 1-249
Aircraft Baggage Truck 1-250
Aircraft Baggage Wagon 1-251
Aircraft Catering Truck 1-252
Aircraft Follow Me Car 1-253
Aircraft High Loader Dolly 1-254
Aircraft Mobile Stairs 1-255
Aircraft Tow Tractor 1 1-256
Aircraft Tow Tractor 2 1-257
Aircraft Towbar 1-258
Airport Bus 1-259
Ambulance 1-260
AMX-10RC 1-232
AMX-30 MBT 1-233
AMX-30D 1-234
AMX-56 Leclerc MBT 1-235
AN/MPQ-64 Phased Array SHORAD Radar 1-236
AN/TPY-2 Radar 1-237
Aravis MRAP 1-261
Arjun MBT 1-262
Armored Recon Platoon (RUS) BMP2 1-263

Ground Vehicle (continued)
AS-90 Artillery 1-238
ASCOD Ulan AIFV 1-239
ASLAV-25 1-240
ASTROS II MLRS 1-241
ATF Dingo 1-242
AUF1 155mm Howitzer 1-243
Auto Rickshaw 1-263
Auverland A4 AVL 1-264
AZP S-60 1-244
Badger AEV 1-276
Bandvagn 206 1-277
BAZ-69092 Tow Vehicle 1-265
Beaver AVLB 1-278
Bergepanzer 2 ARV 1-279
Bison APC 1-280
BM-21 2B17 1-266
BMD-2 IFV 1-267
BMD-3 IFV 1-268
BMP-1 AFV 1-269
BMP-2 AFV 1-270
BMP-3 AFV 1-271
Box Truck 1-282
Box Truck Graffiti 1-281
BTR-60 APC 1-272
BTR-80 APC 1-273
BTR-90 APC 1-274
Buffalo ARV 1-283
Buffalo MRAP III 1-284
Bulldozer 1-285
Bus 1-286
Bushmaster PMV 1-287
BV206 SUSV 1-275
C1 Ariete MBT 1-288
Cadillac Gage Commando V-150 1-292
CAESAR SP Howitzer 1-289
Car Bomb 1-293
Centauro B1 1-294
Chevrolet Caprice 1-295
Civilian Vehicle 1-295
Club K Container Missile Launcher 1-296
Combat Service Support Platoon (RUS) 1-297
Combat Service Support Platoon (USA) 1-297
Combat Service Support Section (USA) 1-298
Commercial Medium Truck 1-298
Cougar FSV 1-299

Ground Vehicle (continued)
Coyote APC 1-300
Coyote TSV 6x6 1-301
CUCV II 1-290
CV9035 AFV 1-291
Dardo IFV 1-303
DNG/DCL 1-302
Economy Compact Size Sedan 1-308
EE-9 Cascavel 1-304
EPP-III Patriot Power Generator 1-305
ERC 90 Sagaie 1-306
ESK Mungo 1-307
Federal Express Truck 1-316
Fennek 1-317
FGM-148 Javelin Tripod 1-309
Fiat 124 1-318
Field Artillery Battery (USA) M109 1-318
Field Artillery Battery (USA) M777 1-319
Field Artillery Headquarters Section (USA) 1-319
Field Artillery Platoon (USA) M109 1-320
Field Artillery Platoon (USA) M777 1-320
Field Artillery Section (USA) M109 1-321
Field Artillery Section (USA) M777 1-321
Fire Engine 1-322
Food Truck 1-323
Ford Aircraft Oil Truck 1-324
Ford Escape SUV 1-325
Freccia IFV 1-326
Fuchs APC 1-327
Fuel Tanker Trailer 1-328
FV 510 Warrior 1-310
FV101 Scorpion CVR 1-311
FV107 Scimitar 1-312
FV4030/4 Challenger MBT 1-313
FV4034 Challenger 2 MBT 1-314
FV432 APC 1-315
GAZ-2330 SPM Tigr-M 1-330
GAZ-233114 AMN Tigr-M 1-331
GAZ-233115 Tigr-M 1-331
GAZ-2975 Tigr-M 1-332
GAZ-66 Truck 1-332
GAZ-69 Utility Vehicle 1-333
Green Pine Radar 1-336

Ground Vehicle (continued)
Grizzly APC 1-337
GTK Boxer APC 1-334
GTK Boxer CRV 1-335
G-Wagen 1-329
Hawkei Protected Mobility Vehicle 1-341
HMMWV with Avenger 1-338
HQ-2 Launcher 1-339
HQ-9 Self Propelled TEL 1-340
Husky ARV 1-342
IED 5 Gallon Container 1-343
IED Ammonium Nitrate Bags 1-343
IED Artillery Shell 1-344
IED Bag in Ground 1-344
IED Cell Phone 1-345
IED Exposed Ordinance 1-345
IED Pile of Boxes Large 1-346
IED Pile of Boxes Single 1-346
IED Pile of Boxes Small 1-347
IED Pressure Cooker Silver 1-347
IED Pressure Cooker White 1-348
IED Tire Pile Box 1-348
IED Tire Pile Large 1-349
IED Tire Pile Medium 1-349
IED Tire Pile Rice Bags 1-350
IED Tire Pile Single 1-350
IED Tire Pile Small 1-351
IED Trash Bags Single 1-351
IED Trash Cans Single 1-352
IED Trash Pile Large 1-352
IED Trash Pile Medium 1-353
IED Trash Pile Small 1-353
Iveco LMV 1-354
Jackal MWMIK 1-355
Jingle Truck 1-356
K-17 Bumerang IFV 1-357
K1A1 MBT 1-358
KN-02 Hwasong-11 Launcher 1-359
KN-08 Hwasong-13 Launcher 1-360
Kornet D 1-361
L-118 Howitzer 1-362
Ladder Truck 1-375
Land Rover Wolf 1-376
LAPV Enok 1-363
LAV AT (Anti Tank) 1-364
LAV I AVGP Grizzly 1-365
LAV I AVGP Husky 1-366
LAV III APC 1-367
LAV-25 1-368

Ground Vehicle (continued)
LAV-AD (Air Defense) 1-369
LAV-C2 (Command and Control) 1-370
LAV-M (Mortar) 1-371
LAV-R (Recovery) 1-372
Leopard 2 (POL) 1-377
Leopard 2 Tank 1-378
LG1 Howitzer 1-373
LIV (SO) Serval 1-374
M1000 Heavy Equipment Trailer 1-380
M1025 HMMWV with M2 1-381
M1028 FMTV Canvas Cargo Truck 1-382
M1028 FMTV Cargo Truck w/ trailer 1-383
M1037 HMMWV with Shelter 1-384
M104 Wolverine 1-385
M1046 HMMWV with TOW launcher 1-386
M1068 Command Post 1-387
M1070 HET Truck 1-387
M1083A1 FMTV Flatbed Truck 1-388
M1083A1 FMTV Troop Seat Flatbed Truck 1-389
M1089A1 FMTV Wrecker 1-390
M109 Howitzer 1-391
M1117 Guardian ASV 1-392
M1120 Palletized Loading System (PLS) 1-393
M1120A4 HEMTT LHS 1-394
M1126 Stryker ICV 1-395
M1126 Stryker w/ M2 1-396
M1126 Stryker w/ MK19 1-396
M113 APC 1-397
M1134 Stryker ATGM 1-398
M1140 HIMARS ATACMS 1-399
M1150 ABV Abrams 1-400
M1151 HMMWV ECAC 1-401
M1157 FMTV Dump Truck 1-402
M1157 FMTV Troop Seat Dump Truck 1-403
M1231 Husky Mk III VMMD 1-404
M1278 JLTV-GP 1-405
M142 HIMARS 1-406
M1977 Common Bridge Transport (CBT) 1-407
M198 Howitzer 1-408
M1A1 AIM (AUS) 1-410
M1A1 AIM (AUS) Mineplow 1-409
M1A1 SA Abrams 1-412

Ground Vehicle (continued)
M1A1 SA Abrams Mineplow 1-411
M1A1 SA Abrams Mineroller 1-411
M1A2 Abrams MBT 1-413
M270 MLRS 1-414
M2A2 Bradley IFV 1-415
M2A3 Bradley (IFV) 1-416
M35 Truck 1-417
M3A2 Bradley CFV 1-418
M577A2 Command Post 1-419
M60T Sabra MBT 1-420
M7 BFIST 1-421
M88 Medium Recovery Vehicle 1-422
M9 ACE 1-423
M901 Patriot Launcher 1-424
M915 Tractor Truck 1-425
M939A2 5-Ton Truck 1-426
M977 HEMTT Cargo Truck 1-427
M978 HEMTT Fuel Truck 1-428
M983 HEMTT Patriot Tractor 1-429
M984 HEMTT Wrecker w/ M240B 1-430
M985 HEMTT Heavy Cargo 1-431
M992A2 FAASV 1-432
M993 MLRS 1-433
M997 HMMWV Ambulance 1-434
M998 HMMWV Utility Vehicle 1-435
Male On Motorbike 1-454
Mamba APC 1-455
MAN HX 1-436
MAZ 543 1-437
MBT 2000 1-438
Medium Box Truck 1-456
MEP 1050 Generator Trailer 1-439
Mercedes-Benz Actros Truck 1-457
Merkava III MBT 1-458
Merkava IV MBT 1-459
M-Gator ATV 1-379
Mid Size Pickup Truck 1-460
MILCOTTS Silverado 1-440
MIM-104 Patriot Launcher 1-441
MO-120RT-61 Mortar 1-442
MOWAG Duro 1-443
MOWAG Eagle 1-444
MRAP M-ATV 1-445
MRAP Ridgeback PPV 1-446
MRAP-CAT I MaxxPro 1-447
MRAP-CAT II Cougar 1-448
MSVS 8x8 Truck 1-449
MT-LB APC 1-450
MTVR Close Support Tanker 1-451
Ground Vehicle (continued)
MTVR Medium Tactical Vehicle Replacement 7-Ton 1-451
MTVR Truck 1-452
MZKT-7930 Special Wheeled Chassis 1-453
Namer APC 1-462
NASAMS 2 Launcher 1-461
Navistar 7000 1-463
Nodong Launcher 1-464
Off-Road SUV 1-465
Paddy Wagon 1-470
Pandur II 6x6 1-471
Pandur II 8x8 1-472
Panhard AML-245 1-473
Panhard M3 APC 1-474
Panther CLV 1-475
Panzerhaubitze 2000 Howitzer 1-476
Patria AMV 1-477
Patriot Engagement Control Sys 1-478
Patriot Radar AN/MPQ-65 1-479
Pegaso 3046 APC 1-480
PHL 03 (Type 03) MLRS 1-466
PHZ 89 1-467
PLZ-45 Howitzer 1-468
Police Cruiser (Chevy) 1-481
Police Tactical Van 1-482
PT-91 Twardy MBT 1-469
Puma AFV 1-483
Puma CEV 1-484
Rapier SAM 1-490
Renault GBC 180 Truck 1-491
RG-31 Charger MRAP 1-485
RG-31 Nyala MRAP 1-486
RG-32 Galten MRAP 1-487
RG-33 MRAP 1-488
RH-202 AA Gun 1-489
Roland 2 AMX-30R 1-492
Rosomak M1 with MK44 1-493
Rosomak M1 with RIWS 1-494
Rosomak M3 APC with WKM-B 1-495
Rosomak RAK with 120mm Mortar 1-496
SA-10B SP TEL (5P85S) 1-497
SA-12 Giant TELAR (9A82) 1-498
SA-12 Gladiator TELAR (9A83-1) 1-499
SA-12 Grill Pan Engagement Radar (9S32) 1-500
SA-13 Gopher 1-501
SA-15 Command Post (9S737) 1-502

Ground Vehicle (continued)
SA-15 Gauntlet SAM 1-503
SA-17 Grizzly BUK-M2 TELAR (9K317E) 1-504
SA-17 Grizzly Launcher/Loader TEL (9A316) 1-505
SA-19 Grison 1-506
SA-20 Cheese Board (96L6E) 1-507
SA-20 Missile Transport/Reload Vehicle (22T6) 1-508
SA-21 Acquisition Radar (91N6E) 1-509
SA-21 Command Post (55K6E) 1-510
SA-21 Self-propelled TEL (5P90S) 1-511
SA-22 Pantsir-S1 Tracked 1-512
SA-22 Pantsir-S1 Truck 1-513
SA-5 Gammon Square Pair Radar (5N62) 1-514
SA-6 Gainful SAM 1-515
SA-9 Gaskin SAM System 1-516
Safir Military Vehicle 1-518
Scud-B 1-519
Scud-ER Launcher 1-520
Sport Hatchback Coupe 1-521
Sport Standard Size Sedan 1-522
SS-25 Launcher 1-517
Standard MidSize Sedan 1-523
T-14 Armata 1-524
T-15 Armata IFV 1-525
T-155 Firtina 1-526
T-55 MBT 1-527
T-62 MBT 1-528
T-69 MBT 1-529
T-72 MBT 1-530
T-80 MBT 1-531
T-84 MBT 1-532
T-90M MBT 1-533
Tank Company (RUS) 1-540
Tank Company (USA) 1-541
Tank Company (USA) Mine Plows 1-540
Tank Headquarters Section (RUS) 1-541
Tank Headquarters Section (USA) 1-542
Tank Platoon (RUS) 1-542
Tank Platoon (USA) 1-543
Tank Platoon (USA) Mine Plows 1-543
Taurus ARV 1-544
Taxicab 1-545
Technical Truck 1-547
Technical Truck w/ Mortar 1-546
Ground Vehicle (continued)
Terrier AEV 1-548
THAAD GB Radar 1-534
THAAD Launch Control Station 1-535
THAAD Launcher 1-536
THAAD Power Unit 1-537
Titan AVLB 1-549
TOS-1 Buratino 1-538
Toyota Land Cruiser M240 1-550
Toyota Pickup 1-552
Toyota Pickup (Transport) 1-551
Tractor Trailer Cab 1-553
Tractor Trailer with Cab 1-554
TRM 1000 Truck 1-539
Trojan AVRE 1-555
Type 10 MBT 1-556
Type 85 (YW 531H) APC 1-557
Type 90 Kyu-maru MBT 1-558
Type 99 MBT 1-559
Ural 4320 1-565
Ural 4320 Tanker 1-562
Ural 43203 R330Zh Jammer 1-563
Ural 43206 1-564
Ural 5323 1-566
URO VAMTAC 1-560
US Postal Truck 1-561
VAB APC 1-567
VBCI APC 1-568
VBL ATV 1-569
VLRA 4x4 Truck 1-570
VLRA 6x6 Truck 1-571
VM 90 LSVW 1-572
Volkswagen Type 2 Microbus 1-573
Wiesel AWC 1-575
WZ551 APC 1-574
XM7 FIST-Bradley 1-576
ZIL-135 8x8 Truck 1-577
ZPU-4 AA Gun 1-578
ZSU-23-4 Shilka 1-579
ZSU-57-2 1-580
GTK Boxer APC 1-334
GTK Boxer CRV 1-335
Guided Missile Destroyer 1-899
Gulfstream G400 1-157
Gulfstream G550 1-158
Gulfstream III 1-159
G-Wagen 1-329

H

Halifax-class Frigate 1-900
Hamilton Class Cutter WHEC 1-901
Hamina Class Fast Attack 1-902
Harbin SH-5 ASW 1-160
Harbin Z-9 1-786
Harpers Ferry-class 1-903
Hauk-class Fast Attack 1-904
Hawkei Protected Mobility Vehicle 1-341
Henry J Kaiser-class Oiler 1-905
Herd Cow 1-7
Hermes 450 1-161
Hesco Barrier Small 1-34
HMMWV 50CAL Symbol 4-3
HMMWV MK19 Symbol 4-4
HMMWV with Avenger 1-338
Holland Class OPV 1-906
Horizon-class Destroyer 1-907
Horse 1-8
House Farmhouse 1-35
House French Colonial Clapboard Gray 1-35
House German Colonial Stucco Tan 1-36
House Raised Ranch Clapboard White 1-36
House Single Family 1-37
House Spanish Colonial Stucco Beige 1-37
House Spanish Single Story Stucco White 1-38
House Stick Style Brick White 1-38
HQ-2 Launcher 1-339
HQ-9 Self Propelled TEL 1-340
Human
  Afghan Police Officer 1-581
  Afghan Soldier AK47 1-582
  Afghan Soldier Panzerfaust 3 1-583
  African Insurgent 1-584
  Antitank Team (USA Army) Javelin 1-585
  Australian Soldier EF88 1-586
  Belgian Soldier 1-587
  Border Patrol Agent 1-588
  Brazilian Soldier 1-589
  Canadian Navy 1-591
  Canadian Soldier 1-592
  Child 1-593
  Chilean AT4 1-594
  Chilean IMI Galil 1-595
  Chilean M16 1-597
Human (continued)
  Chilean M16-M203 1-596
  Chilean M240 1-598
  Chilean M249 1-599
  Chilean M4 1-600
  Chilean M60 1-601
  Civilian Airport Worker 1-602
  Civilian Crowd (Small) 1-602
  Civilian Female 1-603
  Civilian Male 1-604
  Civilian Mideast Crowd (Large) 1-604
  Civilian Mideast Crowd (Medium) 1-605
  Civilian Mideast Crowd (Small) 1-605
  Colombian Airforce 1-606
  Colombian Armed Forces 1-607
  Colombian Military Police 1-608
  Colombian Naval Infantry 1-609
  Colombian Police Anti Disturb 1-610
  Colombian Police Officer 1-611
  Colombian Riot Police 1-612
  Colombian Soldier IWI X95 1-613
  COLT Team (RUS) 1-590
  COLT Team (USA) 1-590
  Construction Worker 1-614
  DI Lasing (CIS) 1-615
  DI Lasing (US) 1-616
  Dutch Soldier 1-617
  Emergency Medical Technician 1-618
  European Soldier 1-619
  Female On Bike 1-620
  Fire Support Team 1-621
  Fire Support Team (USA) 1-620
  Fireman (Hose) 1-621
  Fisherman with Life Jacket 1-622
  Flight Deck Crew 1-625
  Flight Deck Crew (Chock And Chains) 1-623
  Flight Deck Crew (Grounding Cable) 1-624
  Flight Deck Crewman 1-626
  Flight Deck Worker 1-627
  French Soldier 1-628
  German Soldier 1-629
  Ghillie Suit Soldier 1-630
  Indian Soldier 1-632
  Infantry Headquarters Section (RUS Army) 1-633
  Infantry Headquarters Team (USA Army) 1-633
  Infantry Platoon (USA Army) 1-634

Human (continued)
Insurgent 1-635
Iranian Soldier 1-636
Iraqi Police Officer 1-637
Iraqi Soldier 1-638
ISIS Fighter 1-631
Israeli Soldier IMI Galil 1-639
Kurdish Fighter 1-640
Libyan Police Officer 1-641
Libyan Soldier Dragunov 1-642
Machinegun Team (USA Army) M240 1-643
Male On Bike 1-643
Man in Wheelchair 1-644
Mechanized Fire Team (USA Army) 1-645
Mechanized Fire Team (USA Army) Javelin 1-644
Mechanized Squad (USA Army) 1-645
Mideast Combatant 1-647
Mideast Combatant with RPG 1-646
Mideast Female 1-648
Mideast Male 1-649
Motorized Squad (Irregular Technical) 1-650
Motorized Squad (Irregular) 1-651
North Korean Soldier AK47 1-652
North Korean Soldier AK74M 1-653
Pakistani Police Officer 1-654
Pakistani Soldier 1-655
Paratrooper 1-657
Paratrooper Fire Team (USA) 1-656
Pilot 1-658
Police Officer 1-659
Polish Soldier FB Beryl 1-660
Qatari Soldier 1-661
Rifle Fire Team (Insurgent) AR 1-662
Rifle Fire Team (Insurgent) RPG 1-662
Rifle Fire Team (USA Army) 1-663
Rifle Squad (Insurgent) 1-663
Rifle Squad (USA Army) 1-664
Rifle Squad (USA Marines) 1-664
Russian Rebel 1-665
Russian Soldier AK47 1-666
Russian Soldier PK74 1-667
Russian Soldier RPO 1-668
Russian Soldier SA7 1-669
Russian Soldier Sniper-127 1-670
Saudi Arabian Soldier AK103 1-671
Sergeant M16 1-672

Human (continued)
Singaporean Soldier Armbrust 1-673
Singaporean Soldier SAR21 1-674
Somali Police Officer 1-675
Somali Soldier AK47 1-676
Somali Soldier AKS74 1-677
South Korean Soldier M60 1-678
Strkyer Rifle Squad (USA Army) 1-679
Stryker Rifle Headquarters Section (USA Army) 1-680
Stryker Rifle Platoon (USA Army) 1-681
Stryker Weapons Squad (USA Army) 1-682
Sudanese Police Officer 1-683
Sudanese Soldier 1-684
Suicide Bomber 1-685
Suspect 1-686
Syrian Police Officer 1-687
Syrian Soldier AK47 1-688
Syrian Soldier AKS74U 1-689
Taliban 1-690
Turkish Soldier 1-693
Turkish Soldier MPT-76 1-691
Turkish Soldier RPG 1-692
Ugandan Police Officer 1-727
Ugandan Soldier 1-728
UK Soldier L110A1 1-694
UK Soldier L129A1 1-695
UK Soldier L7A2 1-696
UK Soldier L85A2 1-699
UK Soldier L85A2 NLAW 1-697
UK Soldier L85A2 UGL 1-698
US Air Force 1-700
US Army AT4 1-701
US Army Javelin 1-702
US Army M16 1-704
US Army M16-M203 1-703
US Army M2 1-707
US Army M240 1-705
US Army M249 1-706
US Army M4 1-709
US Army M4-M203 1-708
US Army M60 1-710
US Army M84 Stun Grenade 1-711
US Army M9 1-712
US Army Medic 1-713
US Army XM107 1-714
US EOD 1-715
US Navy 1-717
US Navy With Binoculars 1-716

Human (continued)
US Sergeant M4 1-718
USMC M16 1-720
USMC M16-M203 1-719
USMC M240 1-721
USMC M249 1-722
USMC M27 1-723
USMC M32A1 1-724
USMC M4 1-725
USMC M9 1-726
Vehicle Crew (Notional) 1-729
Vehicle Crew (USA) Notional 1-730
Vehicle Team (Insurgent) 1-731
Vehicle Team (USA Army) 1-732
Weapons Squad (USA Army) 1-733
Hunt-class Minehunter 1-908
Husky ARV 1-342
Hydra-70 1-735

I

IAI 1124 Sea Scan 1-162
IAI Heron 1-163
IED 5 Gallon Container 1-343
IED Ammonium Nitrate Bags 1-343
IED Artillery Shell 1-344
IED Bag in Ground 1-344
IED Cell Phone 1-345
IED Exposed Ordinance 1-345
IED Pile of Boxes Large 1-346
IED Pile of Boxes Single 1-346
IED Pile of Boxes Small 1-347
IED Pressure Cooker Silver 1-347
IED Pressure Cooker White 1-348
IED Tire Pile Box 1-348
IED Tire Pile Large 1-349
IED Tire Pile Medium 1-349
IED Tire Pile Rice Bags 1-350
IED Tire Pile Single 1-350
IED Tire Pile Small 1-351
IED Trash Bags Single 1-351
IED Trash Cans Single 1-352
IED Trash Pile Large 1-352
IED Trash Pile Medium 1-353
IED Trash Pile Small 1-353
IFV SEC US 2-53
IL-38 Dolphin 1-164
IL-76MD Candid B 1-165
IL-78M Midas Tanker 1-166
Imaging Satellite 1-819
IMR Symbol 4-4
Indian Soldier 1-632
INF BN RU solo 2-54
INF BN US solo 2-55
Infantry Headquarters Section (RUS Army) 1-633
Infantry Headquarters Team (USA Army) 1-633
Infantry Platoon (USA Army) 1-634
Insurgent 1-635
Intel Collection Area 3-10
International Space Station 1-820
Intersection Manager 4-8
Invincible-class Carrier 1-909
Iranian Soldier 1-636
Iraqi Police Officer 1-637
Iraqi Soldier 1-638
Iroquois-class Destroyer 1-910
ISIS Fighter 1-631
Island-class Patrol Vessel 1-911
Israeli Soldier IMI Galil 1-639
Iveco LMV 1-354

J

Jacinto-class Corvette 1-912
Jackal MWMIK 1-355
Jaguar IS 1-169
JAS 39 Gripen 1-167
Jet Ski 1-913
JF-17 Thunder 1-168
Jiangkai II Type 054A Frigate 1-914
Jingle Truck 1-356
Joint Engagement Zone 3-2
Joint Engagement Zone (Altitude Limited) 3-10

K

K-17 Bumerang IFV 1-357
K1A1 MBT 1-358
Ka-27 Helix 1-788
KA-50 Hokum 1-787
KAAN 19 Class Fast Patrol Craft 1-915
Kangaroo 1-8
Karel Doorman Class Frigate 1-918
Karel Doorman Class Support Ship (A833) 1-919
KC-10A Extender 1-170
KC-130 Hercules Tanker 1-171

KC-130J 2-29
KC-130J Super Hercules Tanker 1-171
KC-135 Stratotanker 1-172
KC-135A 2-30
KC-46A Pegasus 1-173
KCR-40 Clurit Class Fast Attack 1-916
KD-III-class Destroyer 1-917
Keeper Class (WLM) 1-920
Khareff-class Corvette 1-921
Kilo-class Submarine 1-831
Kingston Class Patrol 1-922
Kirov-class Guided Missile Cruiser 1-923
KN-02 Hwasong-11 Launcher 1-359
KN-08 Hwasong-13 Launcher 1-360
Kolkata-class Destroyer 1-924
Kornet D 1-361
Krivak-class Guided Missile Frigate 1-925
Kurdish Fighter 1-640
Kuznetsov Class Carrier 1-926

L

L-118 Howitzer 1-362
L-39 Albatros 1-174
Ladder Truck 1-375
Lafayette-class Frigate 1-932
Land Point 5-6
Land Point HQ Complex 5-6
Land Rover Wolf 1-376
Landslide 5-4
LAPV Enok 1-363
LAV AT (Anti Tank) 1-364
LAV I AVGP Grizzly 1-365
LAV I AVGP Husky 1-366
LAV III APC 1-367
LAV Symbol 4-4
LAV-25 1-368
LAV-AD (Air Defense) 1-369
LAV-C2 (Command and Control) 1-370
LAV-M (Mortar) 1-371
LAV-R (Recovery) 1-372
LCAC 1-928
L-class Frigate 1-927
LCS Freedom Class 1-929
LCS Independence Class 1-930
Legend Class (WMSL) 1-933
Leopard 2 (POL) 1-377
Leopard 2 Tank 1-378
LG1 Howitzer 1-373
Libyan Police Officer 1-641
Libyan Soldier Dragunov 1-642
Lifeboat Enclosed Freefall 1-934
Liferaft Enclosed 1-935
Light Lamp Post 1-39
Line 3-11
Line of Contact (Friendly) 3-10
Line of Contact (Hostile) 3-11
Linear Obstacle 3-14
Linear Target 3-11
LIV (SO) Serval 1-374
Lockheed L-1011 1-175
Los Angeles-Class Submarine 1-832
LPH01 Ocean 1-931
Lupo-class Frigate 1-936

M

M1000 Heavy Equipment Trailer 1-380
M1025 HMMWV with M2 1-381
M1028 FMTV Canvas Cargo Truck 1-382
M1028 FMTV Cargo Truck w/ trailer 1-383
M1037 HMMWV with Shelter 1-384
M104 Wolverine 1-385
M1046 HMMWV with TOW launcher 1-386
M1064 IR Illumination Round 1-735
M1066 IR Illumination Round 1-736
M1068 Command Post 1-387
M1070 HET Truck 1-387
M1083A1 FMTV Flatbed Truck 1-388
M1083A1 FMTV Troop Seat Flatbed Truck 1-389
M1089A1 FMTV Wrecker 1-390
M109 Howitzer 1-391
M1117 Guardian ASV 1-392
M1120 Palletized Loading System (PLS) 1-393
M1120A4 HEMTT LHS 1-394
M1123 IR Illumination Round 1-737
M1126 Stryker ICV 1-395
M1126 Stryker w/ M2 1-396
M1126 Stryker w/ MK19 1-396
M113 APC 1-397
M113 Symbol 4-4
M1134 Stryker ATGM 1-398
M1140 HIMARS ATACMS 1-399
M1150 ABV Abrams 1-400
M1151 HMMWV ECAC 1-401
M1157 FMTV Dump Truck 1-402

M1157 FMTV Troop Seat Dump Truck 1-403
M1231 Husky Mk III VMMD 1-404
M1278 JLTV-GP 1-405
M142 HIMARS 1-406
M1977 Common Bridge Transport (CBT) 1-407
M198 Howitzer 1-408
M1A1 AIM (AUS) 1-410
M1A1 AIM (AUS) Mineplow 1-409
M1A1 SA Abrams 1-412
M1A1 SA Abrams Mineplow 1-411
M1A1 SA Abrams Mineroller 1-411
M1A2 Abrams MBT 1-413
M1A2 Symbol 4-5
M270 MLRS 1-414
M2A2 Bradley IFV 1-415
M2A2 Symbol 4-5
M2A3 Bradley (IFV) 1-416
M-346 Master 1-176
M35 Truck 1-417
M3A2 Bradley CFV 1-418
M577A2 Command Post 1-419
M60T Sabra MBT 1-420
M67 hand grenade 1-737
M7 BFIST 1-421
M792HEI25mm 1-738
M825 155mm WP 1-738
M88 Medium Recovery Vehicle 1-422
M-88 Symbol 4-4
M9 ACE 1-423
M901 Patriot Launcher 1-424
M915 Tractor Truck 1-425
M939A2 5-Ton Truck 1-426
M977 HEMTT Cargo Truck 1-427
M978 HEMTT Fuel Truck 1-428
M983 HEMTT Patriot Tractor 1-429
M984 HEMTT Wrecker w/ M240B 1-430
M985 HEMTT Heavy Cargo 1-431
M992 IR Illumination Round 1-739
M992A2 FAASV 1-432
M993 MLRS 1-433
M997 HMMWV Ambulance 1-434
M998 HMMWV Utility Vehicle 1-435
Machinegun Team (USA Army) M240 1-643
Maestrale-class Frigate 1-938
Main Axis 3-11
Male On Bike 1-643
Male On Motorbike 1-454
Mamba APC 1-455
MAN HX 1-436
Man in Wheelchair 1-644
Marine Protector Class Patrol Boat 1-939
Maveric UAS 1-183
MAZ 543 1-437
MBT 2000 1-438
M-class Frigate 1-937
MD-500 1-789
MECH BN RU solo 2-56
MECH BN US solo 2-57
MECH CO US PA 2-89
Mech Inf CO RU 2-65
Mech Inf CO US 2-66
MECH PLT US 2-58
Mechanized Fire Team (USA Army) 1-645
Mechanized Fire Team (USA Army) Javelin 1-644
Mechanized Squad (USA Army) 1-645
Medical BN US 2-89
MEDICAL BN US solo 2-59
Medical CO US 2-67
Medium Box Truck 1-456
MEP 1050 Generator Trailer 1-439
Mercedes-Benz Actros Truck 1-457
Merkava III MBT 1-458
Merkava IV MBT 1-459
M-Gator ATV 1-379
MH-47 Chinook 1-790
MH-6 Little Bird 1-791
MH-60 Black Hawk 1-792
MH-60L Black Hawk DAP 1-792
MH-65 Dolphin 1-793
MI BN US 2-89
MI BN US solo 2-60
MI CO US 2-61
MI PLT US 2-62
Mi-17 Hip 1-795
Mi-2 Hoplite 1-796
Mi-24 Hind 1-797
Mi-28 Havoc 1-798
Mid Size Pickup Truck 1-460
Middle Eastern House 1-40
Middle Eastern House Hideout 1-39
MiddleEasternShop 1-40
Mideast Combatant 1-647
Mideast Combatant with RPG 1-646
Mideast Female 1-648
Mideast Male 1-649
MIG-21 Fishbed 1-177

MiG-27 Flogger 1-184
MiG-29 Fulcrum 1-185
MiG-31 Foxhound 1-186
MiG-35 Fulcrum F 1-187
MILCOTTS Silverado 1-440
Milgem Class Corvette 1-940
Military Tactical Ladder 12ft 1-41
Military Tactical Ladder 16ft 1-41
Military Tactical Ladder 8ft 1-42
MIM-104 Patriot Launcher 1-441
Minefield (ADAM-RAAM) 5-5
Minefield (Volcano) 5-5
Minefield Conventional 4-8
Minefield Flag-Marker 1-42
Minefield Graphic 3-11
Minefield RAAM-ADAM 4-9
Minefield Scatterable 4-9
Mirage 2000 1-188
Mirage F1 1-189
Missile Engagement Zone 3-2
Missile Engagement Zone (Altitude Limited) 3-12
Mistral Class AAS 1-941
Mistral SAM Missile 1-740
MK-65 Naval Mine 1-739
MLRS BTY US 2-63
MO-120RT-61 Mortar 1-442
Mohajer UAV 1-190
Mortar PLT US 2-68
Mortar SP PLT US 2-69
Motorized Squad (Irregular Technical) 1-650
Motorized Squad (Irregular) 1-651
Moudge-class Frigate 1-942
Mountains 5-5
MOWAG Duro 1-443
MOWAG Eagle 1-444
MQ-1 Predator 1-178
MQ-1C Gray Eagle 1-179
MQ-4C Triton 1-180
MQ-8B Fire Scout 1-794
MQ-9 Reaper UAV 1-181
MRAP M-ATV 1-445
MRAP Ridgeback PPV 1-446
MRAP-CAT I MaxxPro 1-447
MRAP-CAT II Cougar 1-448
MRL BTY RU 2-64
MSVS 8x8 Truck 1-449
MTK Symbol 4-5
MT-LB APC 1-450
MTVR Close Support Tanker 1-451
MTVR Medium Tactical Vehicle Replacement 7-Ton 1-451
MTVR Truck 1-452
Mule 1-9
Munition
  AGM-84 Harpoon Missile 1-734
  Hydra-70 1-735
  M1064 IR Illumination Round 1-735
  M1066 IR Illumination Round 1-736
  M1123 IR Illumination Round 1-737
  M67 hand grenade 1-737
  M792HEI25mm 1-738
  M825 155mm WP 1-738
  M992 IR Illumination Round 1-739
  Mistral SAM Missile 1-740
  MK-65 Naval Mine 1-739
  MV-65 Quickstrike 1-740
  SA-23B Giant (9M82M) 1-741
  SM-3 1-741
  THAAD Missile 1-742
  UGM-133 Trident II 1-742
Murasame-class Destroyer 1-943
MV-22B Osprey 1-182
MV-65 Quickstrike 1-740
MZKT-7930 Special Wheeled Chassis 1-453

N

Namer APC 1-462
Nanchang Q-5 Fantan 1-191
Nanuchka III-class 1-944
NASAMS 2 Launcher 1-461
National Security Cutter 1-945
Nav Edge 4-9
Naval Minefield 5-5
Navistar 7000 1-463
Neustrashimyy-class Frigate 1-946
NH90-N1 1-799
Nimitz-class Carrier 1-947
Niteroi-class Frigate 1-948
Nodong Launcher 1-464
No-Go Area 3-12
North Korean Soldier AK47 1-652
North Korean Soldier AK74M 1-653
Nuclear Contamination Area 5-2
Nuclear Power Plant 1-43

O

Obstacle 4-10
Obstacle Bollard 1-43
Obstacle Dragon's Teeth 1-44
Obstacle Fence Chain Link 1-44
Obstacle Fire Hydrant 1-45
Obstacle Minefield Post 1-45
Obstacle Traffic Barricade Blue 1-46
Obstacle Traffic Barricade Yellow 1-46
Off-Road SUV 1-465
OH-58 Kiowa 1-800
Ohio-class Submarine 1-833
Oksoy-class Minehunter 1-949
Oscar-class Submarine 1-834
Osprey-class Mine CMS 1-950

P

P-3 Orion 1-192
P-8A Poseidon 1-193
Paddy Wagon 1-470
Pakistani Police Officer 1-654
Pakistani Soldier 1-655
PALADIN Symbol 4-5
Palette Wooden 1-48
Palette Wooden Gray 1-47
Pandur II 6x6 1-471
Pandur II 8x8 1-472
Panhard AML-245 1-473
Panhard M3 APC 1-474
Panther CLV 1-475
Panzerhaubitze 2000 Howitzer 1-476
Parachuting Cargo Palette 1-51
Parachuting Cargo Palette 10K 1-48
Parachuting Cargo Palette 15K 1-49
Parachuting Cargo Palette 5K 1-50
Paratrooper 1-657
Paratrooper Fire Team (USA) 1-656
Passenger Ferry 1-951
Patria AMV 1-477
Patriot BTY 2-70
Patriot Engagement Control Sys 1-478
Patriot Radar AN/MPQ-65 1-479
Pauk-class Corvette 1-952
Pedestrian Area 4-10
Pedestrian Nav Edge 4-10
Pedestrian Path 4-10
Pegaso 3046 APC 1-480
Persistent Tracks Area 3-14
Phase Line 3-2
PHL 03 (Type 03) MLRS 1-466
PHZ 89 1-467
Pilot 1-658
Planned Minefield 3-12
PLZ-45 Howitzer 1-468
Point of Interest 3-12
Points
  Emergency Point 5-6
  Emergency Point Downed Pilot 5-6
  Land Point 5-6
  Land Point HQ Complex 5-6
  Reference Point 5-6
  Reference Point Data Link 5-6
POL Storage Tank 1-47
Police Cruiser (Chevy) 1-481
Police Officer 1-659
Police Tactical Van 1-482
Polish Soldier FB Beryl 1-660
Pomornik (Zubr)-class LCAC 1-953
PT-91 Twardy MBT 1-469
Puma AFV 1-483
Puma CEV 1-484

Q

Qatari Soldier 1-661
Quadcopter 1-801
Queen Elizabeth-class Carrier 1-954
Queue 4-10

R

Radio Antenna 1-51
Rafale B 1-198
RAH-66 Comanche 1-802
Rapier SAM 1-490
RDE KZO 1-194
Reference Point 5-6
Reference Point Data Link 5-6
REMUS UUV 1-835
Renault GBC 180 Truck 1-491
RG-31 Charger MRAP 1-485
RG-31 Nyala MRAP 1-486
RG-32 Galten MRAP 1-487
RG-33 MRAP 1-488
RH-202 AA Gun 1-489
Rifle CO RU 2-71
Rifle CO US 2-72
Rifle Fire Team (Insurgent) AR 1-662

Rifle Fire Team (Insurgent) RPG 1-662
Rifle Fire Team (USA Army) 1-663
Rifle Squad (Insurgent) 1-663
Rifle Squad (USA Army) 1-664
Rifle Squad (USA Marines) 1-664
Rigid-Hulled Inflatable Boat 1-956
Rigid-Hulled Inflatable Boat - Civilian 1-955
Riot Point 3-3
River-class Patrol Vessel 1-957
Road 5-5
Road Crater 5-7
Roland 2 AMX-30R 1-492
Romeo-class Submarine 1-836
Rope Ladder 10m 1-52
Ropucha Class Landing Ship 1-958
Rosomak M1 with MK44 1-493
Rosomak M1 with RIWS 1-494
Rosomak M3 APC with WKM-B 1-495
Rosomak RAK with 120mm Mortar 1-496
Rotary Wing
  Agusta Westland AW-139 1-756
  Agusta Westland AW-159 Wildcat 1-757
  AgustaWestland AW101 1-758
  AgustaWestland AW109 1-759
  AH-1W SuperCobra 1-743
  AH-6 Little Bird 1-744
  AH-64A Apache 1-745
  AH-64E Apache Guardian 1-748
  AH-64E Apache Guardian with FCR 1-746
  AH-64E Apache Guardian with UR 1-747
  AH-7 Westland Lynx 1-749
  Airbus H145 1-761
  AirMule 1-760
  AS 332 Super Puma 1-750
  AS 532 Cougar 1-751
  AS 550 Fennec 1-752
  AS-355 Ecureuil 2 1-753
  AS-365 Dauphin 1-754
  AS-565 Panther 1-755
  Bell 206 JetRanger 1-762
  Bell 212 1-763
  Bell 406 1-764
  Bell 407 1-765
  Bell 412 1-766
  Bell 429 Global Ranger 1-767
  CH-146 Griffon 1-768
  CH-148 Cyclone 1-769
Rotary Wing (continued)
  CH-149 Cormorant 1-770
  CH-46E Sea Knight 1-771
  CH-47 Chinook 1-772
  CH-47F Chinook 1-773
  CH-53E Super Stallion 1-774
  DJI Phantom 4 1-775
  DJI S1000 1-776
  DJI Spark Quadcopter 1-777
  EC 635 1-778
  EC-120 Eurocopter Colibri 1-779
  EC-135 Eurocopter 1-780
  EC145 1-781
  EC665 Eurocopter Tiger 1-782
  EC665 Eurocopter UH Tiger 1-783
  EC725 Caracal 1-784
  EH101 Merlin 1-785
  Harbin Z-9 1-786
  Ka-27 Helix 1-788
  KA-50 Hokum 1-787
  MD-500 1-789
  MH-47 Chinook 1-790
  MH-6 Little Bird 1-791
  MH-60 Black Hawk 1-792
  MH-60L Black Hawk DAP 1-792
  MH-65 Dolphin 1-793
  Mi-17 Hip 1-795
  Mi-2 Hoplite 1-796
  Mi-24 Hind 1-797
  Mi-28 Havoc 1-798
  MQ-8B Fire Scout 1-794
  NH90-N1 1-799
  OH-58 Kiowa 1-800
  Quadcopter 1-801
  RAH-66 Comanche 1-802
  S-100 Schiebel Camcopter Black 1-803
  S-100 Schiebel Camcopter White 1-804
  S-70A Black Hawk 1-805
  SA 330 Puma 1-806
  SA 342 Gazelle 1-807
  SH-3 Sea King 1-808
  SH-60 Seahawk 1-809
  UH-1N Twin Huey 1-810
  UH-3H Sea King 1-811
  UH-60 Black Hawk 1-812
  UH-60M Black Hawk 1-813
  UH-72 Lakota 1-814
  WS-61 Sea King 1-815
Route 3-3
RQ-11 Raven UAV 1-195

RQ-4 Global Hawk UAV 1-196
RQ-7 Shadow UAV 1-197
Rubis-Class Submarine 1-837
Runnymede-class Landing Craft Utility 2000 1-959
Runway 4-6
Runway 1000m 1-52
Runway 150m 1-53
Russian Rebel 1-665
Russian Soldier AK47 1-666
Russian Soldier PK74 1-667
Russian Soldier RPO 1-668
Russian Soldier SA7 1-669
Russian Soldier Sniper-127 1-670

S

S-100 Schiebel Camcopter Black 1-803
S-100 Schiebel Camcopter White 1-804
S-300 Symbol 4-6
S-70A Black Hawk 1-805
SA 330 Puma 1-806
SA 342 Gazelle 1-807
SA-10B SP TEL (5P85S) 1-497
SA-12 Giant TELAR (9A82) 1-498
SA-12 Gladiator TELAR (9A83-1) 1-499
SA-12 Grill Pan Engagement Radar (9S32) 1-500
SA-13 Gopher 1-501
SA-15 Command Post (9S737) 1-502
SA-15 Gauntlet SAM 1-503
SA-17 Grizzly BUK-M2 TELAR (9K317E) 1-504
SA-17 Grizzly Launcher/Loader TEL (9A316) 1-505
SA-19 Grison 1-506
SA-20 Cheese Board (96L6E) 1-507
SA-20 Missile Transport/Reload Vehicle (22T6) 1-508
SA-21 Acquisition Radar (91N6E) 1-509
SA-21 Command Post (55K6E) 1-510
SA-21 Self-propelled TEL (5P90S) 1-511
SA-22 Pantsir-S1 Tracked 1-512
SA-22 Pantsir-S1 Truck 1-513
SA-23B Giant (9M82M) 1-741
SA-5 Gammon Square Pair Radar (5N62) 1-514
SA-6 Gainful SAM 1-515
SA-9 Gaskin SAM System 1-516
SA-9 Symbol 4-6
Saar 4.5-class Missile Boat 1-961
Saar 4-class Missile Boat 1-960
Saar 5-class Corvette 1-962
Sachsen-class Frigate 1-963
Safir Military Vehicle 1-518
SAGEM Sperwer 1-199
Sailboat 1-964
SAM BTY RU 2-73
Sandown-class Minehunter 1-965
Saudi Arabian Soldier AK103 1-671
ScanEagle UAV 1-209
Scorpene-class Submarine 1-838
Scout Hvy CO US 2-74
Scout Hvy PLT US 2-75
Scout Motorized CO US 2-76
Scout Motorized PLT US 2-77
Scout Motorized SQD US 50BMG 2-78
Scout Motorized SQD US MK19 2-79
Scud-B 1-519
Scud-ER Launcher 1-520
Secondary Radar 2-80
Sector 3-12
Sentinel Class (WPC) 1-966
Sentinel R1 1-210
Sergeant M16 1-672
SH-3 Sea King 1-808
SH-60 Seahawk 1-809
Shaanxi KJ-500 1-211
Sheep 1-10
Sheep Area 4-11
Sheep Herd 1-9
Shenyang J-11 Flanker 1-212
Shenyang J-15 Flanker D 1-213
Shenyang J-31 Gyrfalcon 1-214
Shenyang J-8 Finback 1-215
Shooting Target 1-55
Shooting Target Poster Silhouette 1-53
Shooting Target Poster Suspect 1-54
Shooting Target Poster Thug 1-54
Siera II-class Submarine 1-839
Sigma 9113-class Frigate 1-967
Sign Pole Traffic Stop 1-55
Singaporean Soldier Armbrust 1-673
Singaporean Soldier SAR21 1-674
Skiff 1-969
Skiff (Green) 1-968
Skjold Class Corvette 1-970
Skjold-class Patrol 1-971
Slava-class Guided Missile Cruiser 1-972
SM-3 1-741

Sodermanland-class Submarine 1-840
Somali Police Officer 1-675
Somali Soldier AK47 1-676
Somali Soldier AKS74 1-677
Song-class Submarine 1-841
Sonobuoy (Active) 1-973
Sonobuoy (Passive) 1-974
South Korean Soldier M60 1-678
Sovremennyy-class Destroyer 1-975
Space
  Communications Satellite 1-817
  Defense Satellite 1-818
  Imaging Satellite 1-819
  International Space Station 1-820
  Space Debris 1-820
  Space Shuttle 1-821
Space Debris 1-820
Space Shuttle 1-821
Speedboat 1-976
Sport Hatchback Coupe 1-521
Sport Standard Size Sedan 1-522
SS-25 Launcher 1-517
Standard MidSize Sedan 1-523
Steregushchiy-class Frigate 1-977
Strkyer Rifle Squad (USA Army) 1-679
Strong Point 5-5
Stryker Rifle Headquarters Section (USA Army) 1-680
Stryker Rifle Platoon (USA Army) 1-681
Stryker Weapons Squad (USA Army) 1-682
SU-22M-4 Fitter-K 1-200
SU-24M Fencer D 1-201
SU-25 Frogfoot 1-202
SU-27 Flanker 1-203
SU-33 Flanker D 1-204
SU-34 Fullback 1-205
SU-35 Flanker E 1-206
SU-37 Flanker 1-207
SU-57 Felon 1-208
Submarine 2-92
Subsurface
  Agosta 90B-class Submarine 1-823
  Akula-class Submarine 1-824
  AN/BLQ-11 UUV 1-822
  Astute-class Submarine 1-825
  Challenger-class Submarine 1-826
  Delta III-class Submarine 1-827
  Delta IV-class Submarine 1-828
  Dolphin-class Submarine 1-829
Subsurface (continued)
  Gotland-class Submarine 1-830
  Kilo-class Submarine 1-831
  Los Angeles-Class Submarine 1-832
  Ohio-class Submarine 1-833
  Oscar-class Submarine 1-834
  REMUS UUV 1-835
  Romeo-class Submarine 1-836
  Rubis-Class Submarine 1-837
  Scorpene-class Submarine 1-838
  Siera II-class Submarine 1-839
  Sodermanland-class Submarine 1-840
  Song-class Submarine 1-841
  Trafalgar-class Submarine 1-842
  Triomphant-Class Submarine 1-843
  Type 039A (Yuan Class) Submarine 1-844
  Type 093 (Shang-class) Submarine 1-845
  Type 094 (Jin-class) Submarine 1-846
  Type 209 Submarine 1-847
  Type 212 Submarine 1-848
  Ula-class Submarine 1-849
  Vanguard-class Submarine 1-850
  Victor II-class Submarine 1-851
  Victoria-class Submarine 1-852
  Virginia Class Submarine 1-853
  Walrus-class submarine 1-854
Sudanese Police Officer 1-683
Sudanese Soldier 1-684
Suicide Bomber 1-685
Super Dvora Mark II 1-978
Super Tanker 1-979
Supply Point 3-13
Supply Route 3-13
Supply Route [1-Way] 3-13
Supply Route [2 Way] 3-13
Surface
  Admiral Grigorovich-class Frigate 1-855
  Ahmad Yani-class Frigate 1-856
  Albatros-class Fast Attack 1-857
  Albion-class LPD 1-858
  Alta-class Minehunter 1-859
  America Class Amphibious Assault Ship 1-860
  Antonov-class 1-860
  Aquitaine-class Frigate 1-861
  Archer Class Patrol Boat 1-862
  Arleigh Burke-class Destroyer 1-863

Surface (continued)
Asagiri-class Destroyer 1-864
Auto Ferry 1-865
Bay-class DLS 1-867
Bay-class Patrol Boat 1-868
BM-28 Sea Lady Trawler 1-866
Brandenburg-class Frigate 1-869
Braunschweig-class Corvette 1-870
Bremen-class Frigate 1-871
Buyan M Class Corvette 1-872
Cape-class Patrol Boat 1-873
Charles de Gaulle Class Carrier 1-874
Container Ship 1-876
Container Ship Loaded 1-875
Cruise Ship 1-877
Dabur-class Patrol Boat 1-879
DDG-Aegis 1-878
De Zeven Provincien Class Frigate 1-880
Defender Class B Patrol Boat 1-881
Delhi-class Destroyer 1-882
Durand de la Penne-class Destroyer 1-883
Echo-class Survey Ship 1-884
Elizabeth Coastal Freighter 1-885
Eridan-class Minehunter 1-886
F-22P Zulfiquar-class Frigate 1-887
Fajr Houdong (Tondar) Class 1-888
Fatahillah-class Frigate 1-889
Fishing Boat 1-890
Fleet-class USV 1-891
Floreal-class Frigate 1-892
Flyvefisken-class Patrol Boat 1-893
Frankenthal-class Minehunter 1-894
Fridtjof Nansen-class 1-895
Gaeta-class Minehunter 1-896
Gepard-class Frigate 1-897
Grisha-class Corvette 1-898
Guided Missile Destroyer 1-899
Halifax-class Frigate 1-900
Hamilton Class Cutter WHEC 1-901
Hamina Class Fast Attack 1-902
Harpers Ferry-class 1-903
Hauk-class Fast Attack 1-904
Henry J Kaiser-class Oiler 1-905
Holland Class OPV 1-906
Horizon-class Destroyer 1-907
Hunt-class Minehunter 1-908
Invincible-class Carrier 1-909
Iroquois-class Destroyer 1-910
Surface (continued)
Island-class Patrol Vessel 1-911
Jacinto-class Corvette 1-912
Jet Ski 1-913
Jiangkai II Type 054A Frigate 1-914
KAAN 19 Class Fast Patrol Craft 1-915
Karel Doorman Class Frigate 1-918
Karel Doorman Class Support Ship (A833) 1-919
KCR-40 Clurit Class Fast Attack 1-916
KD-III-class Destroyer 1-917
Keeper Class (WLM) 1-920
Khareff-class Corvette 1-921
Kingston Class Patrol 1-922
Kirov-class Guided Missile Cruiser 1-923
Kolkata-class Destroyer 1-924
Krivak-class Guided Missile Frigate 1-925
Kuznetsov Class Carrier 1-926
Lafayette-class Frigate 1-932
LCAC 1-928
L-class Frigate 1-927
LCS Freedom Class 1-929
LCS Independence Class 1-930
Legend Class (WMSL) 1-933
Lifeboat Enclosed Freefall 1-934
Liferaft Enclosed 1-935
LPH01 Ocean 1-931
Lupo-class Frigate 1-936
Maestrale-class Frigate 1-938
Marine Protector Class Patrol Boat 1-939
M-class Frigate 1-937
Milgem Class Corvette 1-940
Mistral Class AAS 1-941
Moudge-class Frigate 1-942
Murasame-class Destroyer 1-943
Nanuchka III-class 1-944
National Security Cutter 1-945
Neustrashimyy-class Frigate 1-946
Nimitz-class Carrier 1-947
Niteroi-class Frigate 1-948
Oksoy-class Minehunter 1-949
Osprey-class Mine CMS 1-950
Passenger Ferry 1-951
Pauk-class Corvette 1-952
Pomornik (Zubr)-class LCAC 1-953
Queen Elizabeth-class Carrier 1-954
Rigid-Hulled Inflatable Boat 1-956

Rigid-Hulled Inflatable Boat - Civilian 1-955
River-class Patrol Vessel 1-957
Ropucha Class Landing Ship 1-958
Runnymede-class Landing Craft Utility 2000 1-959
Saar 4.5-class Missile Boat 1-961
Saar 4-class Missile Boat 1-960
Saar 5-class Corvette 1-962
Sachsen-class Frigate 1-963
Sailboat 1-964
Sandown-class Minehunter 1-965
Sentinel Class (WPC) 1-966
Sigma 9113-class Frigate 1-967
Skiff 1-969
Skiff (Green) 1-968
Skjold Class Corvette 1-970
Skjold-class Patrol 1-971
Slava-class Guided Missile Cruiser 1-972
Sonobuoy (Active) 1-973
Sonobuoy (Passive) 1-974
Sovremennyy-class Destroyer 1-975
Speedboat 1-976
Steregushchiy-class Frigate 1-977
Super Dvora Mark II 1-978
Super Tanker 1-979
Tarantul-class Corvette 1-980
Tiara 3900 Yacht 1-981
Ticonderoga Class Cruiser 1-982
Tiger-class Fast Attack Craft 1-984
Tugboat 1-985
Type 001 Liaoning Class Carrier 1-986
Type 056 Jiangdao Corvette 1-987
Type 22 Frigate 1-988
Type 23 Duke Class Frigate 1-989
Type 26 City Class Frigate 1-990
Type 42 Sheffield Class Destroyer 1-991
Type 45 Daring Class Destroyer 1-992
Type-80 Class Large Patrol Boat 1-993
Udaloy-class Destroyer 1-994
Victory-class Corvette 1-995
Wasp Class Amphibious Assault Ship 1-996
Zumwalt Class Destroyer 1-997
Suspect 1-686
Syrian Police Officer 1-687
Syrian Soldier AK47 1-688
Syrian Soldier AKS74U 1-689

T

T-14 Armata 1-524
T-15 Armata IFV 1-525
T-155 Firtina 1-526
T-38C Talon 1-216
T-55 MBT 1-527
T-62 MBT 1-528
T-69 MBT 1-529
T-72 MBT 1-530
T-80 MBT 1-531
T-80 Symbol 4-6
T-84 MBT 1-532
T-90M MBT 1-533
Taliban 1-690
TANK BN RU solo 2-81
TANK BN US solo 2-82
Tank CO RU 2-85
Tank CO US 2-86
TANK CO US PA 2-89
Tank Company (RUS) 1-540
Tank Company (USA) 1-541
Tank Company (USA) Mine Plows 1-540
Tank Headquarters Section (RUS) 1-541
Tank Headquarters Section (USA) 1-542
Tank Platoon (RUS) 1-542
Tank Platoon (USA) 1-543
Tank Platoon (USA) Mine Plows 1-543
TANK PLT US 2-83
TANK SEC US 2-84
Tarantul-class Corvette 1-980
Taurus ARV 1-544
Taxicab 1-545
Technical Truck 1-547
Technical Truck w/ Mortar 1-546
Terrain Page-in Area 4-11
Terrier AEV 1-548
Text 3-13
THAAD GB Radar 1-534
THAAD Launch Control Station 1-535
THAAD Launcher 1-536
THAAD Missile 1-742
THAAD Power Unit 1-537
Tiara 3900 Yacht 1-981
Ticonderoga Class Cruiser 1-982
Tiger-class Fast Attack Craft 1-984
Tire Spare 1-56
Tire Spare Compact 1-56
Titan AVLB 1-549
Tornado ADV 1-217

TOS-1 Buratino 1-538
Tower Clock German 1-57
Tower Communications 1-57
Tower Control Concrete 1-58
Tower Power Transmission 1-58
Tower Radio 1-59
Tower Water 1-59
Toyota Land Cruiser M240 1-550
Toyota Pickup 1-552
Toyota Pickup (Transport) 1-551
Tractor Trailer Cab 1-553
Tractor Trailer with Cab 1-554
Trafalgar-class Submarine 1-842
Traffic Cone Red 1-60
Traffic Cone Yellow 1-60
Traffic Light 1-61
Trash Bag Pile Extra Large 1-61
Trash Bag Pile Large 1-62
Trash Bag Pile Medium 1-62
Trash Bag Pile Small 1-63
Triomphant-Class Submarine 1-843
TRM 1000 Truck 1-539
Trojan AVRE 1-555
Tu-160 Blackjack 1-218
Tu-22M Backfire 1-219
Tu-95 Bear E 1-220
Tugboat 1-985
Turkish Soldier 1-693
Turkish Soldier MPT-76 1-691
Turkish Soldier RPG 1-692
Type 001 Liaoning Class Carrier 1-986
Type 039A (Yuan Class) Submarine 1-844
Type 056 Jiangdao Corvette 1-987
Type 093 (Shang-class) Submarine 1-845
Type 094 (Jin-class) Submarine 1-846
Type 10 MBT 1-556
Type 209 Submarine 1-847
Type 212 Submarine 1-848
Type 22 Frigate 1-988
Type 23 Duke Class Frigate 1-989
Type 26 City Class Frigate 1-990
Type 42 Sheffield Class Destroyer 1-991
Type 45 Daring Class Destroyer 1-992
Type 85 (YW 531H) APC 1-557
Type 90 Kyu-maru MBT 1-558
Type 99 MBT 1-559
Type-80 Class Large Patrol Boat 1-993

U

Udaloy-class Destroyer 1-994
Ugandan Police Officer 1-727
Ugandan Soldier 1-728
UGM-133 Trident II 1-742
UH-1N Twin Huey 1-810
UH-3H Sea King 1-811
UH-60 Black Hawk 1-812
UH-60M Black Hawk 1-813
UH-72 Lakota 1-814
UK Soldier L110A1 1-694
UK Soldier L129A1 1-695
UK Soldier L7A2 1-696
UK Soldier L85A2 1-699
UK Soldier L85A2 NLAW 1-697
UK Soldier L85A2 UGL 1-698
Ula-class Submarine 1-849
Ultralight Trike 1-221
Unexploded Ordnance 5-5
Ural 4320 1-565
Ural 4320 Tanker 1-562
Ural 43203 R330Zh Jammer 1-563
Ural 43206 1-564
Ural 5323 1-566
URO VAMTAC 1-560
US Air Force 1-700
US Army AT4 1-701
US Army Javelin 1-702
US Army M16 1-704
US Army M16-M203 1-703
US Army M2 1-707
US Army M240 1-705
US Army M249 1-706
US Army M4 1-709
US Army M4-M203 1-708
US Army M60 1-710
US Army M84 Stun Grenade 1-711
US Army M9 1-712
US Army Medic 1-713
US Army XM107 1-714
US EOD 1-715
US Navy 1-717
US Navy With Binoculars 1-716
US Postal Truck 1-561
US Sergeant M4 1-718
USMC M16 1-720
USMC M16-M203 1-719
USMC M240 1-721
USMC M249 1-722

USMC M27 1-723
USMC M32A1 1-724
USMC M4 1-725
USMC M9 1-726

V

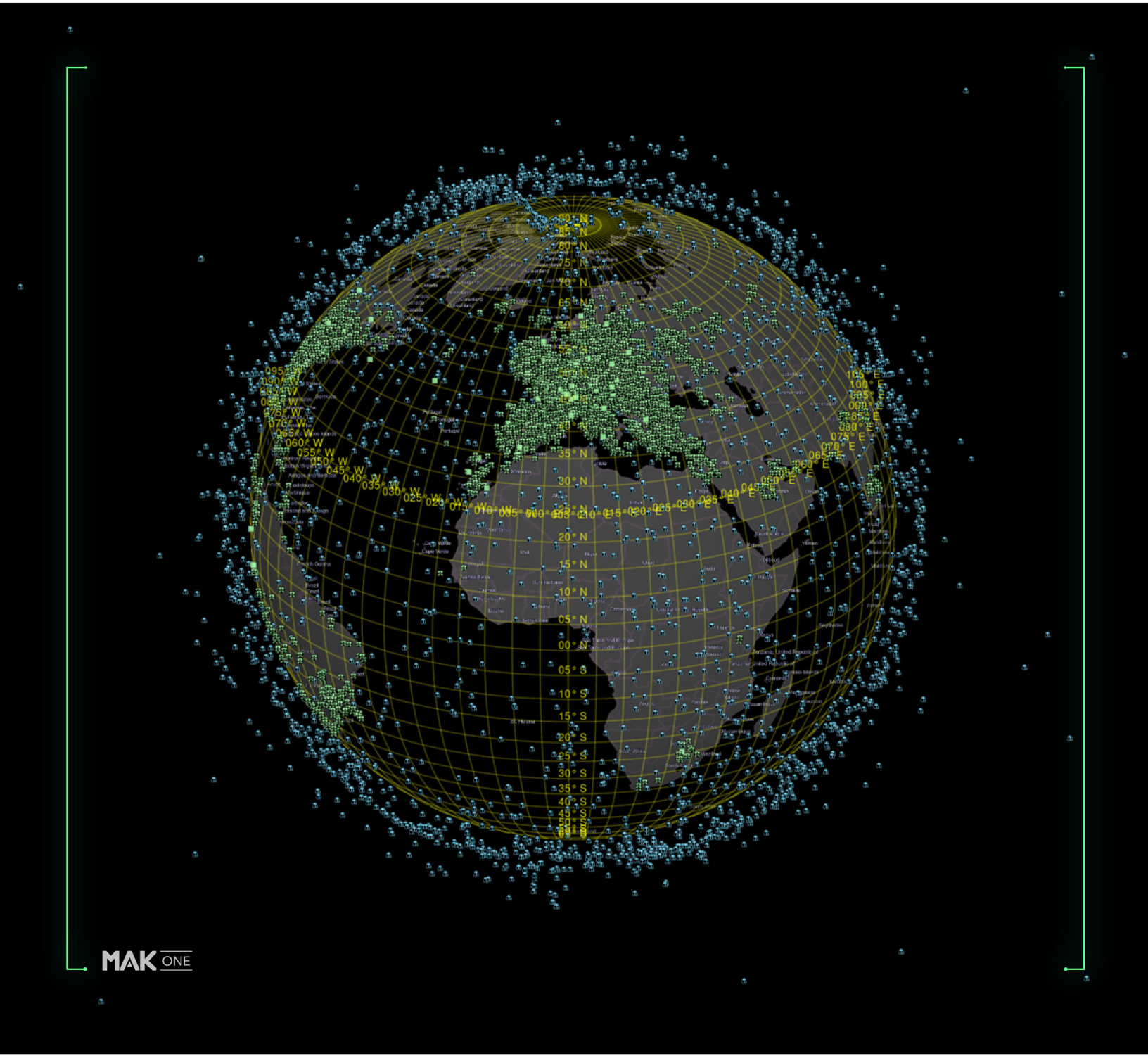
VAB APC 1-567
Vanguard-class Submarine 1-850
VBCI APC 1-568
VBL ATV 1-569
Vehicle Crew (Notional) 1-729
Vehicle Crew (USA) Notional 1-730
Vehicle Team (Insurgent) 1-731
Vehicle Team (USA Army) 1-732
Vending Machine Newspaper 1-63
Vending Machine Publication 1-64
Victor II-class Submarine 1-851
Victoria-class Submarine 1-852
Victory-class Corvette 1-995
Virginia Class Submarine 1-853
VLRA 4x4 Truck 1-570
VLRA 6x6 Truck 1-571
VM 90 LSVW 1-572
Volkswagen Type 2 Microbus 1-573

W

Walrus-class submarine 1-854
Wasp Class Amphibious Assault Ship 1-996
Water Buffalo 1-11
Waterway 5-7
Waypoint 3-3
Weapons CO US 2-87
Weapons Squad (USA Army) 1-733
Weather (Area) 3-14
Weather (Box) 3-15
Weather (Circle) 3-15
Weather (Ellipse) 3-15
Wiesel AWC 1-575
Wind Corridor 3-14
WS-61 Sea King 1-815
WZ551 APC 1-574

X-Y-Z

Xian H-6 Badger 1-222
Xian H-6U Badger Tanker 1-223
Xian JH-7 1-224
Xian KJ-2000 Mainring 1-225
XM7 FIST-Bradley 1-576
Yak-130 Mitten 1-226
ZIL-135 8x8 Truck 1-577
ZPU-4 AA Gun 1-578
ZSU-23-4 Shilka 1-579
ZSU-23-4 Symbol 4-7
ZSU-57-2 1-580
Zumwalt Class Destroyer 1-997



VRF-5.0.1-22-220608