MAK TECHNOLOGIES

VR-Forces Entity Model Catalog



Version 4.10

ST Engineering North America

Copyright © 2021 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-4.10-21-210817



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 Herd 1-4
1.1.5. Cow 1-4
1.1.6. Dog 1-5
1.1.7. Fish 1-6
1.1.8. Goat Herd 1-6
1.1.9. Goat 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. AV-8B Harrier II 1-73

1.3.10. Ababil UAV 1-74
1.3.11. Airbus 310 - Air France 1-75
1.3.12. Airbus 310-304 1-76
1.3.13. Airbus 319 - Air China 1-77
1.3.14. Airbus 320 - American Airlines 1-78
1.3.15. Airbus 320 - British Airways 1-79
1.3.16. Airbus 320 - Lufthansa 1-80
1.3.17. Airbus 320 - Singapore Airlines 1-81
1.3.18. Airbus 380 1-82
1.3.19. Airbus A310 MRTT Tanker 1-82
1.3.20. B-2 Spirit 1-83
1.3.21. B-52 Stratofortress 1-84
1.3.22. B1-B Lancer 1-85
1.3.23. BAE CT-155 Hawk 1-86
1.3.24. BN-2 Islander 1-87
1.3.25. Beechcraft 36 Bonanza 1-88
1.3.26. Beechcraft C-12 1-89
1.3.27. Beechcraft MC-12 King Air Single Seater 1-90
1.3.28. Beechcraft MC-12 King Air 1-91
1.3.29. Beechcraft T-6 1-92
1.3.30. Boeing 707 1-93
1.3.31. Boeing 737 British Airways 1-94
1.3.32. Boeing 737-900 1-95
1.3.33. Boeing 747-400 1-96
1.3.34. Boeing 757 1-97
1.3.35. Boeing 767 1-98
1.3.36. Boeing 777-200 1-99
1.3.37. Boeing 777-300 1-100
1.3.38. Boeing 777 1-101
1.3.39. Boeing 787-800 1-102
1.3.40. Bombardier CL-600 1-103
1.3.41. Bombardier CRJ100 Air France 1-104
1.3.42. Bombardier CRJ200 Air France 1-105
1.3.43. Bombardier DHC-8 1-106
1.3.44. C-130 Hercules 1-107
1.3.45. C-130J Super Hercules 1-108
1.3.46. C-17 Globemaster III 1-109
1.3.47. C-5 Galaxy 1-110
1.3.48. CASA C-212 Aviocar 1-111
1.3.49. CC-115 Buffalo 1-112
1.3.50. CC-150 Polaris 1-113
1.3.51. CV-22B Osprey 1-114
1.3.52. Canadair CT-114 1-115
1.3.53. Cessna 172 Skyhawk 1-116
1.3.54. Cessna 185 Skywagon Floats 1-117
1.3.55. Cessna Citation 1-118
1.3.56. Chengdu J-10C 1-119
1.3.57. Chengdu J-20 1-120
1.3.58. Chengdu J-7 1-121
1.3.59. Dassault Atlantic 1-122

1.3.60. Dassault Mystere-Falcon 20 1-123
1.3.61. Dassault Mystere-Falcon 900 1-124
1.3.62. Dornier DO 228-200 LGW 1-125
1.3.63. E-2 Hawkeye 1-126
1.3.64. E-3 Sentry 1-127
1.3.65. E-8C JSTARS 1-128
1.3.66. EA-18G Growler 1-129
1.3.67. EA-6B Prowler 1-130
1.3.68. EADS CASA C-295 1-131
1.3.69. EMT Aladin 1-132
1.3.70. EMT Luna 1-133
1.3.71. Eurofighter Typhoon 1-134
1.3.72. F-117A Nighthawk 1-135
1.3.73. F-15 Eagle 1-136
1.3.74. F-16A Fighting Falcon 1-137
1.3.75. F-22 Raptor 1-138
1.3.76. F-35 Lightning II 1-139
1.3.77. F-5E Tiger 1-140
1.3.78. F/A-18 Hornet 1-141
1.3.79. Gulfstream G550 1-142
1.3.80. Harbin SH-5 ASW 1-143
1.3.81. Hermes 450 1-144
1.3.82. IAI 1124 Sea Scan 1-145
1.3.83. IAI Heron 1-146
1.3.84. IL-76MD Candid B 1-147
1.3.85. IL-78M Midas Tanker 1-148
1.3.86. JAS 39 Gripen 1-149
1.3.87. Jaguar IS 1-150
1.3.88. KC-10A Extender 1-151
1.3.89. KC-130 Hercules Tanker 1-151
1.3.90. KC-130J Super Hercules Tanker 1-152
1.3.91. KC-135 Stratotanker 1-152
1.3.92. KC-46A Pegasus 1-153
1.3.93. L-39 Albatros 1-154
1.3.94. Lockheed L-1011 1-155
1.3.95. M-346 Master 1-156
1.3.96. MIG-21 Fishbed 1-157
1.3.97. MQ-1 Predator 1-158
1.3.98. MQ-4C Triton 1-159
1.3.99. MQ-9 Reaper UAV 1-160
1.3.100. MV-22B Osprey 1-161
1.3.101. Maveric UAS 1-162
1.3.102. MiG-27 Flogger 1-163
1.3.103. MiG-29 Fulcrum 1-164
1.3.104. MiG-35 Fulcrum F 1-165
1.3.105. Mirage 2000 1-166
1.3.106. Mirage F1 1-167
1.3.107. Mohajer UAV 1-168
1.3.108. Nanchang Q-5 1-169
1.3.109. P-3 Orion 1-170

1.3.110. P-8A Poseidon 1-171
1.3.111. RDE KZO 1-172
1.3.112. RQ-11 Raven UAV 1-173
1.3.113. RQ-4 Global Hawk UAV 1-174
1.3.114. RQ-7 Shadow UAV 1-175
1.3.115. Rafale B 1-176
1.3.116. SAGEM Sperwer 1-177
1.3.117. SU-25 Frogfoot 1-178
1.3.118. SU-27 Flanker 1-179
1.3.119. SU-33 Flanker D 1-180
1.3.120. SU-35 Flanker E 1-181
1.3.121. SU-37 Flanker 1-182
1.3.122. ScanEagle UAV 1-183
1.3.123. Sentinel R1 1-184
1.3.124. Shenyang J-11 Flanker 1-185
1.3.125. Shenyang J-15 Flanker D 1-186
1.3.126. Shenyang J-8 Finback 1-187
1.3.127. T-38C Talon 1-188
1.3.128. Tornado ADV 1-189
1.3.129. Tu-160 Blackjack 1-190
1.3.130. Ultralight Trike 1-191
1.3.131. Xian H-6 Badger 1-192
1.3.132. Xian H-6U Badger Tanker 1-193
1.3.133. Xian JH-7 1-194
1.3.134. Xian KJ-2000 Mainring 1-195
1.4. Ground Vehicle 1-197
1.4.1. 2S1 Gvozdika 1-197
1.4.2. 2S19 Msta-S 1-198
1.4.3. AAVC7A1 Landing Vehicle 1-199
1.4.4. ADA Plt (CIS) 1-200
1.4.5. ADA Plt (US) 1-200
1.4.6. AHS Krab Howitzer 1-201
1.4.7. AMX-10RC 1-202
1.4.8. AMX-30 MBT 1-203
1.4.9. AMX-30D 1-204
1.4.10. AMX-56 Leclerc MBT 1-205
1.4.11. AN/MPQ-64 Phased Array SHORAD Radar 1-206
1.4.12. AN/TPY-2 Radar 1-207
1.4.13. AS-90 Artillery 1-208
1.4.14. ASCOD Ulan AIFV 1-209
1.4.15. ASTROS II MLRS 1-210
1.4.16. ATF Dingo 1-211
1.4.17. AUF1 155mm Howitzer 1-212
1.4.18. AZP S-60 1-213
1.4.19. Aardvark JSFU 1-214
1.4.20. Achzarit APC 1-215
1.4.21. Actros AHSVS 1-216
1.4.22. Aircraft Baggage Conveyor 1-217
1.4.23. Aircraft Baggage Truck 1-218
1.4.24. Aircraft Baggage Wagon 1-219

1.4.25. Aircraft Catering Truck 1-220
1.4.26. Aircraft Follow Me Car 1-221
1.4.27. Aircraft High Loader Dolly 1-222
1.4.28. Aircraft Mobile Stairs 1-223
1.4.29. Aircraft Tow Tractor 1 1-224
1.4.30. Aircraft Tow Tractor 2 1-225
1.4.31. Aircraft Towbar 1-226
1.4.32. Airport Bus 1-227
1.4.33. Ambulance 1-228
1.4.34. Aravis MRAP 1-229
1.4.35. Arjun MBT 1-230
1.4.36. Armor Co (CIS) 1-231
1.4.37. Armor Co (US) 1-231
1.4.38. Armor Co HQ (CIS) 1-232
1.4.39. Armor Co HQ (US) 1-232
1.4.40. Armor Plt (CIS) 1-233
1.4.41. Armor Plt (US) 1-233
1.4.42. Auto Rickshaw 1-234
1.4.43. Auverland A4 AVL 1-235
1.4.44. BAZ-69092 Tow Vehicle 1-236
1.4.45. BMP-1 AFV 1-237
1.4.46. BMP-2 AFV 1-238
1.4.47. BMP-3 AFV 1-239
1.4.48. BTR-60 APC 1-240
1.4.49. BTR-80 APC 1-241
1.4.50. BTR-90 1-242
1.4.51. BV206 SUSV 1-243
1.4.52. Badger AEV 1-244
1.4.53. Bandvagn 206 1-245
1.4.54. Beaver AVLB 1-246
1.4.55. Bergepanzer 2 ARV 1-247
1.4.56. Bison APC 1-248
1.4.57. Box Truck Graffiti 1-249
1.4.58. Box Truck 1-250
1.4.59. Buffalo MRAP III 1-251
1.4.60. Buffel ARV 1-252
1.4.61. Bulldozer 1-253
1.4.62. Bus 1-254
1.4.63. Bushmaster PMV 1-255
1.4.64. C1 Ariete MBT 1-256
1.4.65. CAESAR SP Howitzer 1-257
1.4.66. CSS Plt (CIS) 1-258
1.4.67. CSS Plt (US) 1-258
1.4.68. CUCV II 1-259
1.4.69. CV9035 AFV 1-260
1.4.70. Cadillac Gage Commando V-150 1-261
1.4.71. Car Bomb 1-262
1.4.72. Centauro B1 1-263
1.4.73. Chevrolet Caprice 1-264
1.4.74. Civilian Vehicle 1-264

1.4.75. Club K Container Missile Launcher 1-265
1.4.76. Commercial Medium Truck 1-266
1.4.77. Cougar FSV 1-267
1.4.78. Coyote APC 1-268
1.4.79. DNG/DCL 1-269
1.4.80. Dardo IFV 1-270
1.4.81. EE-9 Cascavel 1-271
1.4.82. EPP-III Patriot Power Generator 1-272
1.4.83. ERC 90 Sagaie 1-273
1.4.84. ESK Mungo 1-274
1.4.85. Economy Compact Size Sedan 1-275
1.4.86. FA Battery (US) 1-275
1.4.87. FV 510 Warrior 1-276
1.4.88. FV101 Scorpion CVR 1-277
1.4.89. FV107 Scimitar 1-278
1.4.90. FV4030/4 Challenger MBT 1-279
1.4.91. FV4034 Challenger 2 MBT 1-280
1.4.92. FV432 APC 1-281
1.4.93. Federal Express Truck 1-282
1.4.94. Fennek 1-283
1.4.95. Fiat 124 1-284
1.4.96. Fire Engine 1-285
1.4.97. Food Truck 1-286
1.4.98. Ford Aircraft Oil Truck 1-287
1.4.99. Freccia IFV 1-288
1.4.100. Fuchs APC 1-289
1.4.101. Fuel Tanker Trailer 1-290
1.4.102. G-Wagen 1-291
1.4.103. GAZ-2975 Tigr-M 1-292
1.4.104. GAZ-66 Truck 1-293
1.4.105. GAZ-69 Utility Vehicle 1-294
1.4.106. GTK Boxer APC 1-295
1.4.107. GTK Boxer CRV 1-296
1.4.108. Green Pine Radar 1-297
1.4.109. Grizzly APC 1-298
1.4.110. HMMWV with Avenger 1-299
1.4.111. Hawkei Protected Mobility Vehicle 1-300
1.4.112. Husky ARV 1-301
1.4.113. IED 5 Gallon Container 1-302
1.4.114. IED Ammonium Nitrate Bags 1-302
1.4.115. IED Artillery Shell 1-303
1.4.116. IED Bag in Ground 1-303
1.4.117. IED Cell Phone 1-304
1.4.118. IED Exposed Ordinance 1-304
1.4.119. IED Pile of Boxes Large 1-305
1.4.120. IED Pile of Boxes Single 1-305
1.4.121. IED Pile of Boxes Small 1-306
1.4.122. IED Pressure Cooker Silver 1-306
1.4.123. IED Pressure Cooker White 1-307
1.4.124. IED Tire Pile Box 1-307

1.4.125. IED Tire Pile Large 1-308
1.4.126. IED Tire Pile Medium 1-308
1.4.127. IED Tire Pile Rice Bags 1-309
1.4.128. IED Tire Pile Single 1-309
1.4.129. IED Tire Pile Small 1-310
1.4.130. IED Trash Bags Single 1-310
1.4.131. IED Trash Cans Single 1-311
1.4.132. IED Trash Pile Large 1-311
1.4.133. IED Trash Pile Medium 1-312
1.4.134. IED Trash Pile Small 1-312
1.4.135. Iveco LMV 1-313
1.4.136. Jackal MWMIK 1-314
1.4.137. Jingle Truck 1-315
1.4.138. K1A1 MBT 1-316
1.4.139. KN-02 Hwasong-11 Launcher 1-317
1.4.140. KN-08 Hwasong-13 Launcher 1-318
1.4.141. Kornet D 1-319
1.4.142. L-118 Howitzer 1-320
1.4.143. LAPV Enok 1-321
1.4.144. LAV AT (Anti Tank) 1-322
1.4.145. LAV III APC 1-323
1.4.146. LAV-25 1-324
1.4.147. LAV-AD (Air Defense) 1-325
1.4.148. LAV-C2 (Command and Control) 1-326
1.4.149. LAV-M (Mortar) 1-327
1.4.150. LAV-R (Recovery) 1-328
1.4.151. LG1 Howitzer 1-329
1.4.152. LIV (SO) Serval 1-330
1.4.153. Ladder Truck 1-331
1.4.154. Land Rover Wolf 1-332
1.4.155. Leopard 2 (POL) 1-333
1.4.156. Leopard 2 Tank 1-334
1.4.157. M-Gator ATV 1-335
1.4.158. M1025 HMMWV with M2 1-336
1.4.159. M1028 FMTV Canvas Cargo Truck 1-337
1.4.160. M1028 FMTV Cargo Truck w/ trailer 1-338
1.4.161. M1037 HMMWV with Shelter 1-339
1.4.162. M1046 HMMWV with TOW launcher 1-340
1.4.163. M1083A1 FMTV Flatbed Truck 1-341
1.4.164. M1083A1 FMTV Troop Seat Flatbed Truck 1-342
1.4.165. M1089A1 FMTV Wrecker 1-343
1.4.166. M109 Howitzer 1-344
1.4.167. M1117 Guardian ASV 1-345
1.4.168. M1120 Palletized Loading System (PLS) 1-346
1.4.169. M1120A4 HEMTT LHS 1-347
1.4.170. M1126 Stryker ICV 1-348
1.4.171. M113 APC 1-349
1.4.172. M1140 HIMARS 1-350
1.4.173. M1150 ABV Abrams 1-351
1.4.174. M1151 HMMWV ECAC with M240 1-352

1.4.175. M1151 HMMWV ECAC with M240B 1-353
1.4.176. M1151 HMMWV ECAC with M2 1-354
1.4.177. M1151 HMMWV ECAC with MK 19 1-355
1.4.178. M1151 HMMWV ECAC 1-356
1.4.179. M1157 FMTV Dump Truck 1-357
1.4.180. M1157 FMTV Troop Seat Dump Truck 1-358
1.4.181. M1165A1 HMMWV ECGPV IAP with M240 1-359
1.4.182. M1165A1 HMMWV ECGPV IAP with M240B 1-360
1.4.183. M1165A1 HMMWV ECGPV IAP with M2 1-361
1.4.184. M1165A1 HMMWV ECGPV IAP with MK 19 1-362
1.4.185. M1165A1 HMMWV ECGPV IAP 1-363
1.4.186. M1278 JLTV-GP 1-364
1.4.187. M142 HIMARS ATACMS 1-365
1.4.188. M1977 Common Bridge Transport (CBT) 1-366
1.4.189. M198 Howitzer 1-367
1.4.190. M1A1 AIM (AUS) Mineplow 1-368
1.4.191. M1A1 AIM (AUS) 1-369
1.4.192. M1A1 SA Abrams Mineplow 1-370
1.4.193. M1A1 SA Abrams Mineroller 1-371
1.4.194. M1A1 SA Abrams 1-372
1.4.195. M1A2 Abrams MBT 1-373
1.4.196. M1A2 SEP Abrams 1-374
1.4.197. M1A2 SEP V2 Abrams Mineplow 1-375
1.4.198. M1A2 SEP V2 Abrams Mineroller 1-376
1.4.199. M1A2 SEP V2 Abrams 1-377
1.4.200. M1A2 TUSK Abrams 1-378
1.4.201. M270 MLRS 1-379
1.4.202. M2A2 Bradley IFV 1-380
1.4.203. M2A3 Bradley (IFV) 1-381
1.4.204. M35 Truck 1-382
1.4.205. M3A2 Bradley CFV 1-383
1.4.206. M577A2 Command Post 1-384
1.4.207. M7 BFIST 1-385
1.4.208. M88 Medium Recovery Vehicle 1-386
1.4.209. M9 ACE 1-387
1.4.210. M901 Patriot Launcher 1-388
1.4.211. M915 Tractor Truck w/ Patriot Launcher 1-389
1.4.212. M915 Tractor Truck 1-390
1.4.213. M939A2 5-Ton Truck 1-391
1.4.214. M977 HEMTT Cargo Truck 1-392
1.4.215. M978 HEMTT Fuel Truck 1-393
1.4.216. M983 HEMTT Patriot Tractor 1-394
1.4.217. M983 HEMTT w/ Patriot Launcher 1-395
1.4.218. M984 HEMTT Wrecker w/ M240B 1-396
1.4.219. M985 HEMTT Heavy Cargo 1-397
1.4.220. M993 MLRS 1-398
1.4.221. M997 HMMWV Ambulance 1-399
1.4.222. M998 HMMWV Utility Vehicle 1-400
1.4.223. MAN HX 1-401
1.4.224. MBT 2000 1-402

1.4.225. MI Plt (CIS) 1-403
1.4.226. MI Plt with IFV (US) 1-403
1.4.227. MILCOTTS Silverado 1-404
1.4.228. MIM-104 Patriot Launcher 1-405
1.4.229. MO-120RT-61 Mortar 1-406
1.4.230. MOWAG Duro 1-407
1.4.231. MOWAG Eagle 1-408
1.4.232. MRAP-ATV 1-409
1.4.233. MRAP-CAT I MaxxPro 1-410
1.4.234. MRAP-CAT II Cougar 1-411
1.4.235. MT-LB APC 1-412
1.4.236. MTVR Medium Tactical Vehicle Replacement 7-Ton 1-413
1.4.237. MZKT-7930 Special Wheeled Chassis 1-414
1.4.238. Male On Motorbike 1-415
1.4.239. Mamba APC 1-416
1.4.240. Merkava III MBT 1-417
1.4.241. Merkava IV MBT 1-418
1.4.242. Mid Size Pickup Truck 1-419
1.4.243. NASAMS 2 Launcher 1-420
1.4.244. Namer APC 1-421
1.4.245. Navistar 7000 1-422
1.4.246. Nodong Launcher 1-423
1.4.247. Off-Road SUV 1-424
1.4.248. PLZ-45 Howitzer 1-425
1.4.249. PT-91 Twardy MBT 1-426
1.4.250. Paddy Wagon 1-427
1.4.251. Panhard AML-245 1-428
1.4.252. Panhard M3 APC 1-429
1.4.253. Panther CLV 1-430
1.4.254. Panzerhaubitze 2000 Howitzer 1-431
1.4.255. Patria AMV 1-432
1.4.256. Patriot Engagement Control Sys 1-433
1.4.257. Patriot Radar AN/MPQ-65 1-434
1.4.258. Pegaso 3046 APC 1-435
1.4.259. Police Cruiser (Chevy) 1-436
1.4.260. Police Tactical Van 1-437
1.4.261. Puma AFV 1-438
1.4.262. Puma CEV 1-439
1.4.263. RG-31 Nyala 1-440
1.4.264. Rapier SAM 1-441
1.4.265. Renault GBC 180 Truck 1-442
1.4.266. Rosomak M1 with MK44 1-443
1.4.267. Rosomak M1 with RIWS 1-444
1.4.268. Rosomak M3 APC with WKM-B 1-445
1.4.269. Rosomak RAK with 120mm Mortar 1-446
1.4.270. SA-13 Gopher 1-447
1.4.271. SA-15 Command Post (9S737) 1-448
1.4.272. SA-15 Gauntlet SAM 1-449
1.4.273. SA-19 Grison 1-450

1.4.274. SA-20 Cheese Board (96L6E) 1-451
1.4.275. SA-20 Missile Transport/Reload Vehicle (22T6) 1-452
1.4.276. SA-21 Acquisition Radar (91N6E) 1-453
1.4.277. SA-21 Command Post (55K6E) 1-454
1.4.278. SA-21 Self-propelled TEL (5P90S) 1-455
1.4.279. SA-6 Gainful SAM 1-456
1.4.280. SA-9 Gaskin SAM System 1-457
1.4.281. SS-25 Launcher 1-458
1.4.282. Safir Military Vehicle 1-459
1.4.283. Scud Launcher 1-460
1.4.284. Scud-ER Launcher 1-461
1.4.285. Sport Hatchback Coupe 1-462
1.4.286. Sport Standard Size Sedan 1-463
1.4.287. Standard MidSize Sedan 1-464
1.4.288. T-14 Armata 1-465
1.4.289. T-15 Armata IFV 1-466
1.4.290. T-55 MBT 1-467
1.4.291. T-62 MBT 1-468
1.4.292. T-69 MBT 1-469
1.4.293. T-72 MBT 1-470
1.4.294. T-80 MBT 1-471
1.4.295. T-84 MBT 1-472
1.4.296. T-90A MBT 1-473
1.4.297. THAAD GB Radar 1-474
1.4.298. THAAD Launch Control Station 1-475
1.4.299. THAAD Launcher 1-476
1.4.300. THAAD Power Unit 1-477
1.4.301. TRM 1000 Truck 1-478
1.4.302. Taurus ARV 1-479
1.4.303. Taxicab 1-480
1.4.304. Technical Truck 1-481
1.4.305. Toyata Land Cruiser M240 1-482
1.4.306. Toyota Pickup 1-483
1.4.307. Tractor Trailer Cab 1-484
1.4.308. Tractor Trailer with Cab 1-485
1.4.309. Type 10 MBT 1-486
1.4.310. Type 85 (YW 531H) APC 1-487
1.4.311. Type 90 Kyu-maru MBT 1-488
1.4.312. Type 99 MBT 1-489
1.4.313. URO VAMTAC 1-490
1.4.314. US Postal Truck 1-491
1.4.315. VAB APC 1-492
1.4.316. VBCI APC 1-493
1.4.317. VBL ATV 1-494
1.4.318. VLRA 4x4 Truck 1-495
1.4.319. VLRA 6x6 Truck 1-496
1.4.320. VM 90 LSVW 1-497
1.4.321. Volkswagen Type 2 Microbus 1-498
1.4.322. WZ551 APC 1-499
1.4.323. Wiesel AWC 1-500

1.4.324. XM7 FIST-Bradley 1-501
1.4.325. ZIL-135 8x8 Truck 1-502
1.4.326. ZPU-4 AA Gun 1-503
1.4.327. ZSU-23-4 Shilka 1-504
1.5. Human 1-505
1.5.1. Afghan Police Officer 1-505
1.5.2. Afghan Soldier AK47 1-506
1.5.3. Afghan Soldier Panzerfaust 3 1-507
1.5.4. African Insurgent 1-508
1.5.5. Australian Soldier EF88 1-509
1.5.6. Border Patrol Agent 1-510
1.5.7. Brazilian Soldier 1-511
1.5.8. COLT Team (CIS) 1-512
1.5.9. COLT Team (US) 1-512
1.5.10. Canadian Navy 1-513
1.5.11. Canadian Soldier 1-514
1.5.12. Child 1-515
1.5.13. Chilean AT4 1-516
1.5.14. Chilean IMI Galil 1-517
1.5.15. Chilean M16-M203 1-518
1.5.16. Chilean M16 1-519
1.5.17. Chilean M240 1-520
1.5.18. Chilean M249 1-521
1.5.19. Chilean M4 1-522
1.5.20. Chilean M60 1-523
1.5.21. Civilian Airport Worker 1-524
1.5.22. Civilian Crowd (Small) 1-524
1.5.23. Civilian Female 1-525
1.5.24. Civilian Male 1-526
1.5.25. Civilian Mideast Crowd (Large) 1-526
1.5.26. Civilian Mideast Crowd (Medium) 1-527
1.5.27. Civilian Mideast Crowd (Small) 1-527
1.5.28. Colombian Airforce 1-528
1.5.29. Colombian Armed Forces 1-529
1.5.30. Colombian Military Police 1-530
1.5.31. Colombian Naval Infantry 1-531
1.5.32. Colombian Police Anti Disturb 1-532
1.5.33. Colombian Police Officer 1-533
1.5.34. Colombian Riot Police 1-534
1.5.35. Colombian Soldier IWI X95 1-535
1.5.36. Construction Worker 1-536
1.5.37. DI Lasing (CIS) 1-537
1.5.38. DI Lasing (US) 1-538
1.5.39. Emergency Medical Technician 1-539
1.5.40. European Soldier 1-540
1.5.41. Female On Bike 1-541
1.5.42. Fire Support Team 1-541
1.5.43. Fireman (Hose) 1-542
1.5.44. Fisherman with Life Jacket 1-543
1.5.45. Flight Deck Crew (Chock And Chains) 1-544

1.5.46. Flight Deck Crew (Grounding Cable) 1-545
1.5.47. Flight Deck Crew 1-546
1.5.48. Flight Deck Crewman 1-547
1.5.49. Flight Deck Worker 1-548
1.5.50. French Soldier 1-549
1.5.51. German Soldier 1-550
1.5.52. Ghillie Suit Soldier 1-551
1.5.53. ISIS Fighter 1-552
1.5.54. Indian Soldier 1-553
1.5.55. Insurgent 1-554
1.5.56. Iranian Soldier 1-555
1.5.57. Iraqi Police Officer 1-556
1.5.58. Iraqi Soldier 1-557
1.5.59. Israeli Soldier IMI Galil 1-558
1.5.60. Kurdish Fighter 1-559
1.5.61. Libyan Police Officer 1-560
1.5.62. Libyan Soldier Dragunov 1-561
1.5.63. Male On Bike 1-562
1.5.64. Man in Wheelchair 1-563
1.5.65. Mideast Combatant with RPG 1-564
1.5.66. Mideast Combatant 1-565
1.5.67. Mideast Female 1-566
1.5.68. Mideast Male 1-567
1.5.69. North Korean Soldier AK47 1-568
1.5.70. North Korean Soldier AK74M 1-569
1.5.71. Pakistani Police Officer 1-570
1.5.72. Pakistani Soldier 1-571
1.5.73. Paratrooper FT 1-572
1.5.74. Paratrooper 1-573
1.5.75. Pilot 1-574
1.5.76. Police Officer 1-575
1.5.77. Polish Soldier FB Beryl 1-576
1.5.78. Qatari Soldier 1-577
1.5.79. Russian Rebel 1-578
1.5.80. Russian Soldier AK47 1-579
1.5.81. Russian Soldier PK74 1-580
1.5.82. Russian Soldier RPO 1-581
1.5.83. Russian Soldier SA7 1-582
1.5.84. Russian Soldier Sniper-127 1-583
1.5.85. Saudi Arabian Soldier AK103 1-584
1.5.86. Singaporean Soldier Armbrust 1-585
1.5.87. Singaporean Soldier SAR21 1-586
1.5.88. Somali Police Officer 1-587
1.5.89. Somali Soldier AK47 1-588
1.5.90. Somali Soldier AKS74 1-589
1.5.91. South Korean Soldier M60 1-590
1.5.92. Sudanese Police Officer 1-591
1.5.93. Sudanese Soldier 1-592
1.5.94. Suicide Bomber 1-593
1.5.95. Suspect 1-594

1.5.96. Syrian Police Officer 1-595
1.5.97. Syrian Soldier AK47 1-596
1.5.98. Syrian Soldier AKS74U 1-597
1.5.99. Taliban 1-598
1.5.100. Turkish Soldier MPT-76 1-599
1.5.101. Turkish Soldier RPG 1-600
1.5.102. Turkish Soldier 1-601
1.5.103. UK Soldier L110A1 1-602
1.5.104. UK Soldier L129A1 1-603
1.5.105. UK Soldier L7A2 1-604
1.5.106. UK Soldier L85A2 UGL 1-605
1.5.107. UK Soldier L85A2 1-606
1.5.108. US Air Force 1-607
1.5.109. US Army AT4 1-608
1.5.110. US Army Javelin 1-609
1.5.111. US Army M16-M203 1-610
1.5.112. US Army M16 1-611
1.5.113. US Army M240 1-612
1.5.114. US Army M249 1-613
1.5.115. US Army M2 1-614
1.5.116. US Army M4-M203 1-615
1.5.117. US Army M4 1-616
1.5.118. US Army M60 1-617
1.5.119. US Army M84 Stun Grenade 1-618
1.5.120. US Army M9 1-619
1.5.121. US Army Mech FT A (Javelin) 1-620
1.5.122. US Army Mech FT B 1-620
1.5.123. US Army Mech SQD 1-621
1.5.124. US Army Medic 1-622
1.5.125. US Army Rifle FT 1-623
1.5.126. US Army Rifle SQD 1-623
1.5.127. US Army XM107 1-624
1.5.128. US EOD 1-625
1.5.129. US Navy With Binoculars 1-626
1.5.130. US Navy 1-627
1.5.131. USMC M16-M203 1-628
1.5.132. USMC M16 1-629
1.5.133. USMC M240 1-630
1.5.134. USMC M249 1-631
1.5.135. USMC M27 1-632
1.5.136. USMC M32A1 1-633
1.5.137. USMC M4 1-634
1.5.138. USMC M9 1-635
1.5.139. USMC SQD 1-636
1.5.140. Ugandan Police Officer 1-637
1.5.141. Ugandan Soldier 1-638
1.6. Munition 1-639
1.6.1. AGM-84 Harpoon Missile 1-639
1.6.2. Hydra-70 1-640
1.6.3. M67 hand grenade 1-640

1.6.4. M792HEI25mm 1-641
1.6.5. MK-65 Naval Mine 1-641
1.6.6. MV-65 Quickstrike 1-642
1.6.7. Mistral SAM Missile 1-642
1.6.8. SM-3 1-643
1.6.9. THAAD Missile 1-643
1.6.10. UGM-133 Trident II 1-644
1.7. Rotary Wing 1-645
1.7.1. AH-1W SuperCobra 1-645
1.7.2. AH-6 Little Bird 1-646
1.7.3. AH-64A Apache 1-647
1.7.4. AH-64E Apache Guardian with FCR 1-648
1.7.5. AH-64E Apache Guardian with UR 1-649
1.7.6. AH-64E Apache Guardian 1-650
1.7.7. AH-7 Westland Lynx 1-651
1.7.8. AS 332 Super Puma 1-652
1.7.9. AS 532 Cougar 1-653
1.7.10. AS 550 Fennec 1-654
1.7.11. AS-365 Dauphin 1-655
1.7.12. AS-565 Panther 1-656
1.7.13. Agusta Westland AW-139 1-657
1.7.14. Agusta Westland AW-159 Wildcat 1-658
1.7.15. AgustaWestland AW101 1-659
1.7.16. AgustaWestland AW109 1-660
1.7.17. AirMule 1-661
1.7.18. Bell 206 JetRanger 1-662
1.7.19. Bell 406 1-663
1.7.20. Bell 412 1-664
1.7.21. Bell 429 Global Ranger 1-665
1.7.22. CH-146 Griffon 1-666
1.7.23. CH-148 Cyclone 1-667
1.7.24. CH-149 Cormorant 1-668
1.7.25. CH-46E Sea Knight 1-669
1.7.26. CH-47 Chinook 1-670
1.7.27. CH-47F Chinook 1-671
1.7.28. CH-53E Super Stallion 1-672
1.7.29. DJI S1000 1-673
1.7.30. DJI Spark Quadcopter 1-674
1.7.31. EC 635 1-675
1.7.32. EC-135 Eurocopter 1-676
1.7.33. EC145 1-677
1.7.34. EC665 Eurocopter Tiger 1-678
1.7.35. EC665 Eurocopter UH Tiger 1-679
1.7.36. EC725 Caracal 1-680
1.7.37. EH101 Merlin 1-681
1.7.38. HH-60M Black Hawk MEDEVAC 1-682
1.7.39. KA-50 Hokum 1-683
1.7.40. MD 500 1-684
1.7.41. MH-47 Chinook 1-685
1.7.42. MH-6 Little Bird 1-686

1.7.43. MH-60 Black Hawk 1-687
1.7.44. MH-60L Black Hawk DAP 1-688
1.7.45. MH-65 Dolphin 1-689
1.7.46. MQ-8B Fire Scout 1-690
1.7.47. Mi-17 Hip 1-691
1.7.48. Mi-2 Hoplite 1-692
1.7.49. Mi-24 Hind 1-693
1.7.50. Mi-28 Havoc 1-694
1.7.51. NH90-N1 1-695
1.7.52. OH-58 Kiowa 1-696
1.7.53. Quadcopter 1-697
1.7.54. RAH-66 Comanche 1-698
1.7.55. S-100 Schiebel Camcopter Black 1-699
1.7.56. S-100 Schiebel Camcopter White 1-700
1.7.57. S-70A Black Hawk 1-701
1.7.58. SA 330 Puma 1-702
1.7.59. SA 342 Gazelle 1-703
1.7.60. SH-3 Sea King 1-704
1.7.61. SH-60 Seahawk 1-705
1.7.62. UH-1N Twin Huey 1-706
1.7.63. UH-60 Black Hawk 1-707
1.7.64. UH-60M Black Hawk 1-708
1.7.65. UH-72 Lakota 1-709
1.7.66. WS-61 Sea King 1-710
1.8. Space 1-711
1.8.1. Communications Satellite 1-711
1.8.2. Defense Satellite 1-712
1.8.3. Imaging Satellite 1-713
1.8.4. International Space Station 1-714
1.8.5. Space Debris 1-714
1.8.6. Space Shuttle 1-715
1.9. Subsurface 1-716
1.9.1. AN/BLQ-11 UUV 1-716
1.9.2. Agosta 90B-class Submarine 1-717
1.9.3. Akula-class Submarine 1-718
1.9.4. Astute-class Submarine 1-719
1.9.5. Challenger-class Submarine 1-720
1.9.6. Delta III-class Submarine 1-721
1.9.7. Delta IV-class Submarine 1-722
1.9.8. Dolphin-class Submarine 1-723
1.9.9. Gotland-class Submarine 1-724
1.9.10. Kilo-class Submarine 1-725
1.9.11. Los Angeles-Class Submarine 1-726
1.9.12. Ohio-class Submarine 1-727
1.9.13. Oscar-class Submarine 1-728
1.9.14. REMUS UUV 1-729
1.9.15. Romeo-class Submarine 1-730
1.9.16. Rubis-Class Submarine 1-731
1.9.17. Scorpene-class Submarine 1-732
1.9.18. Siera II-class Submarine 1-733

1.9.19. Sodermanland-class Submarine 1-734
1.9.20. Song-class Submarine 1-735
1.9.21. Trafalgar-class Submarine 1-736
1.9.22. Triomphant-Class Submarine 1-737
1.9.23. Type 093 (Shang-class) Submarine 1-738
1.9.24. Type 094 (Jin-class) Submarine 1-739
1.9.25. Type 209 Submarine 1-740
1.9.26. Type 212 Submarine 1-741
1.9.27. Ula-class Submarine 1-742
1.9.28. Vanguard-class Submarine 1-743
1.9.29. Victor II-class Submarine 1-744
1.9.30. Victoria-class Submarine 1-745
1.9.31. Walrus-class submarine 1-746
1.9.32. Yuan-class Submarine 1-747
1.10. Surface 1-748
1.10.1. Admiral Grigorovich-class Frigate 1-748
1.10.2. Ahmad Yani-class Frigate 1-749
1.10.3. Albatros-class Fast Attack 1-750
1.10.4. Alta-class Minehunter 1-751
1.10.5. Antonov-class 1-752
1.10.6. Aquitaine-class Frigate 1-753
1.10.7. Arleigh Burke-class Destroyer 1-754
1.10.8. Asagiri-class Destroyer 1-755
1.10.9. Auto Ferry 1-756
1.10.10. BM-28 Sea Lady Trawler 1-757
1.10.11. Bay-class DLS 1-758
1.10.12. Bay-class Patrol Boat 1-759
1.10.13. Brandenburg-class Frigate 1-760
1.10.14. Braunschweig-class Corvette 1-761
1.10.15. Bremen-class Frigate 1-762
1.10.16. Cape-class Patrol Boat 1-763
1.10.17. Charles de Gaulle Class Carrier 1-764
1.10.18. Container Ship Loaded 1-765
1.10.19. Container Ship 1-766
1.10.20. Cruise Ship 1-767
1.10.21. DDG-Aegis 1-768
1.10.22. Dabur-class Patrol Boat 1-769
1.10.23. De Zeven Provincien Class Frigate 1-770
1.10.24. Delhi-class Destroyer 1-771
1.10.25. Durand de la Penne-class Destroyer 1-772
1.10.26. Echo-class Survey Ship 1-773
1.10.27. Elizabeth Coastal Freighter 1-774
1.10.28. Eridan-class Minehunter 1-775
1.10.29. F-22P Zulfiquar-class Frigate 1-776
1.10.30. Fajr Houdong (Tondar) Class 1-777
1.10.31. Fatahillah-class Frigate 1-778
1.10.32. Fishing Boat 1-779
1.10.33. Fleet-class USV 1-780
1.10.34. Floreal-class Frigate 1-781
1.10.35. Flyvefisken-class Patrol Boat 1-782

1.10.36. Frankenthal-class Minehunter 1-783
1.10.37. Fridtjof Nansen-class 1-784
1.10.38. Gaeta-class Minehunter 1-785
1.10.39. Gepard-class Frigate 1-786
1.10.40. Grisha-class Corvette 1-787
1.10.41. Guided Missile Destroyer 1-788
1.10.42. Halifax-class Frigate 1-789
1.10.43. Hamilton Class Cutter WHEC 1-790
1.10.44. Hamina Class Fast Attack 1-791
1.10.45. Harpers Ferry-class 1-792
1.10.46. Hauk-class Fast Attack 1-793
1.10.47. Henry J Kaiser-class Oiler 1-794
1.10.48. Holland Class OPV 1-795
1.10.49. Horizon-class Destroyer 1-796
1.10.50. Hunt-class Minehunter 1-797
1.10.51. Invincible-class Carrier 1-798
1.10.52. Iroquois-class Destroyer 1-799
1.10.53. Island-class Patrol Vessel 1-800
1.10.54. Jacinto-class Corvette 1-801
1.10.55. Jet Ski 1-802
1.10.56. KAAN 19 Class Fast Patrol Craft 1-803
1.10.57. KCR-40 Clurit Class Fast Attack 1-804
1.10.58. KD-III-class Destroyer 1-805
1.10.59. Karel Doorman Class Frigate 1-806
1.10.60. Karel Doorman Class Support Ship (A833) 1-807
1.10.61. Keeper Class (WLM) 1-808
1.10.62. Khareff-class Corvette 1-809
1.10.63. Kingston Class Patrol 1-810
1.10.64. Kirov-class Guided Missile Cruiser 1-811
1.10.65. Kolkata-class Destroyer 1-812
1.10.66. Krivak-class Guided Missile Frigate 1-813
1.10.67. Kuznetsov Class Carrier 1-814
1.10.68. L 14 Albion 1-815
1.10.69. L-class Frigate 1-816
1.10.70. LCAC 1-817
1.10.71. LCS Freedom Class 1-818
1.10.72. LCS Independence Class 1-819
1.10.73. LPH01 Ocean 1-820
1.10.74. La Fayette-class Frigate 1-821
1.10.75. Legend Class (WMSL) 1-822
1.10.76. Lifeboat Enclosed Freefall 1-823
1.10.77. Liferaft Enclosed 1-824
1.10.78. Lupo-class Frigate 1-825
1.10.79. M-class Frigate 1-826
1.10.80. Maestrale-class Frigate 1-827
1.10.81. Marine Protector Class Patrol Boat 1-828
1.10.82. Milgem Class Corvette 1-829
1.10.83. Mistral Class AAS 1-830
1.10.84. Moudge-class Frigate 1-831
1.10.85. Murasame-class Destroyer 1-832

1.10.86. Nanuchka III-class 1-833
1.10.87. National Security Cutter 1-834
1.10.88. Neustrashimyy-class Frigate 1-835
1.10.89. Nimitz-class Carrier 1-836
1.10.90. Niteroi-class Frigate 1-837
1.10.91. Oksoy-class Minehunter 1-838
1.10.92. Osprey-class Mine CMS 1-839
1.10.93. Passenger Ferry 1-840
1.10.94. Pauk-class Corvette 1-841
1.10.95. Pomornik (Zubr)-class LCAC 1-842
1.10.96. Queen Elizabeth-class Carrier 1-843
1.10.97. Rigid-Hulled Inflatable Boat - Civilian 1-844
1.10.98. Rigid-Hulled Inflatable Boat 1-845
1.10.99. River-class Patrol Vessel 1-846
1.10.100. Runnymede-class Landing Craft Utility 2000 1-847
1.10.101. Saar 4-class Missile Boat 1-848
1.10.102. Saar 4.5-class Missile Boat 1-849
1.10.103. Saar 5-class Corvette 1-850
1.10.104. Sachsen-class Frigate 1-851
1.10.105. Sailboat 1-852
1.10.106. Sandown-class Minehunter 1-853
1.10.107. Sentinel Class (WPC) 1-854
1.10.108. Sigma 9113-class Frigate 1-855
1.10.109. Skiff (Green) 1-856
1.10.110. Skiff 1-857
1.10.111. Skjold-class Patrol 1-858
1.10.112. Slava-class Guided Missile Cruiser 1-859
1.10.113. Sonobuoy (Active) 1-860
1.10.114. Sonobuoy (Passive) 1-861
1.10.115. Sovremennyy-class Destroyer 1-862
1.10.116. Speedboat 1-863
1.10.117. Steregushchiy-class Frigate 1-864
1.10.118. Super Dvora Mark II 1-865
1.10.119. Super Tanker 1-866
1.10.120. Tarantul-class Corvette 1-867
1.10.121. Tiara 3900 Yacht 1-868
1.10.122. Ticonderoga Class Cruiser 1-869
1.10.123. Tiger-class Fast Attack Craft 1-871
1.10.124. Tugboat 1-872
1.10.125. Type 056 Jiangdao Corvette 1-873
1.10.126. Type 22 Frigate 1-874
1.10.127. Type 23 Frigate 1-875
1.10.128. Type 26 Frigate 1-876
1.10.129. Type 42 Destroyer 1-877
1.10.130. Type 45 Daring Class Destroyer 1-878
1.10.131. Type-80 Class Large Patrol Boat 1-879
1.10.132. Udaloy-class Destroyer 1-880
1.10.133. Victory-class Corvette 1-881
1.10.134. Wasp Class Amphibious Assault Ship 1-882
1.10.135. Zumwalt Class Destroyer 1-883

1.11. Materially Classified Objects 1-885

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. Diamond Dust Area 3-14
3.3.2. Dynamic Terrain Area 3-14
3.3.3. Haze Area 3-14
3.3.4. Linear Obstacle 3-14
3.3.5. Mist Area 3-15
3.3.6. Persistent Tracks Area 3-15
3.3.7. Smoke Area 3-15
3.3.8. Weather (Area) 3-15
3.3.9. Weather (Box) 3-15
3.3.10. Weather (Circle) 3-16
3.3.11. Weather (Ellipse) 3-16

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. Disaggregation Area 4-8
4.2.7. Goat Area 4-8
4.2.8. Intersection Manager 4-8
4.2.9. Minefield Conventional 4-9
4.2.10. Minefield RAAM-ADAM 4-9
4.2.11. Minefield Scatterable 4-10
4.2.12. Nav Edge 4-10
4.2.13. Obstacle 4-10
4.2.14. Pedestrian Area 4-10
4.2.15. Pedestrian Nav Edge 4-11
4.2.16. Pedestrian Path 4-11
4.2.17. Queue 4-11
4.2.18. Sheep Area 4-11
4.2.19. 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 1-197
Human 1-505
Munition 1-639
Rotary Wing 1-645
Space 1-711
Subsurface 1-716
Surface 1-748
Materially Classified Objects 1-885

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



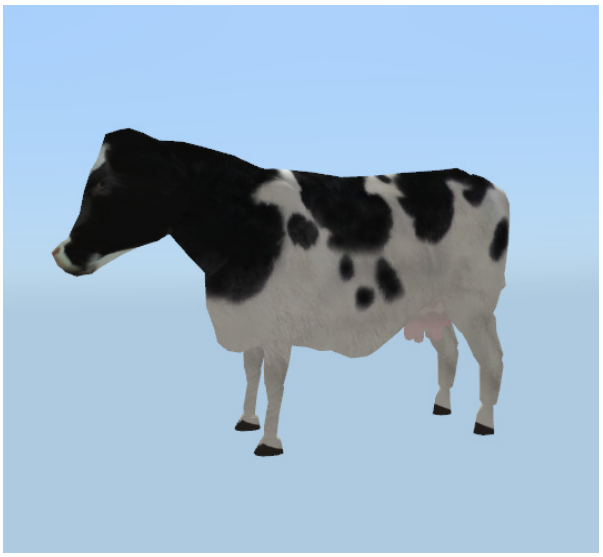
- 1:3:1:0:5:1:6:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 1.2
  - mad-signature: 0
  - passive-sonar-signature: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

1.1.4. Cow Herd



- 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

1.1.5. 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

1.1.6. 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

1.1.7. 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

1.1.8. 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

1.1.9. 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

1.1.10. 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

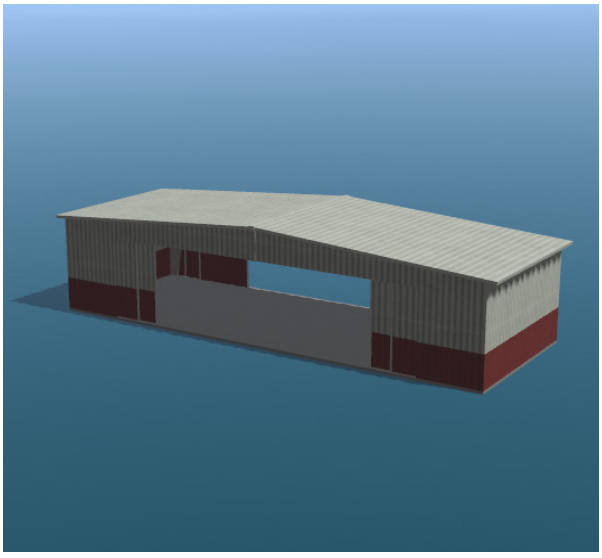
1.1.15. Water Buffalo



- 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

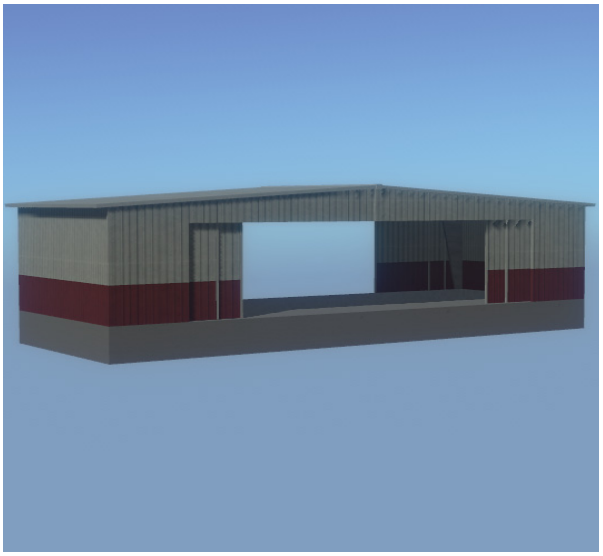
1.2. Cultural Feature

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



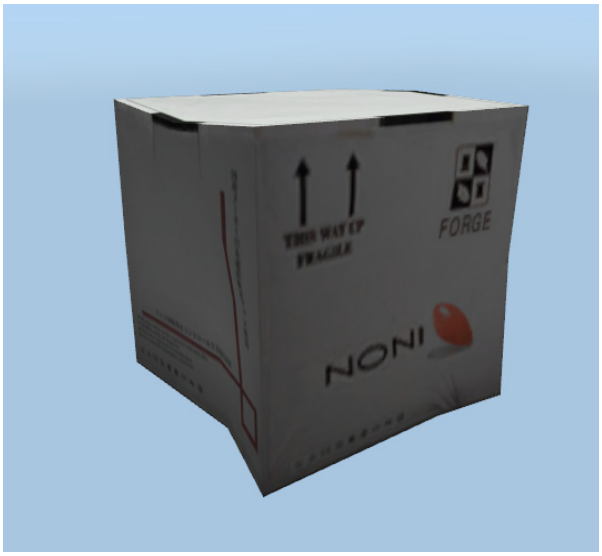
- 1:5:1:0:5:21:0:8
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: 0.5

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



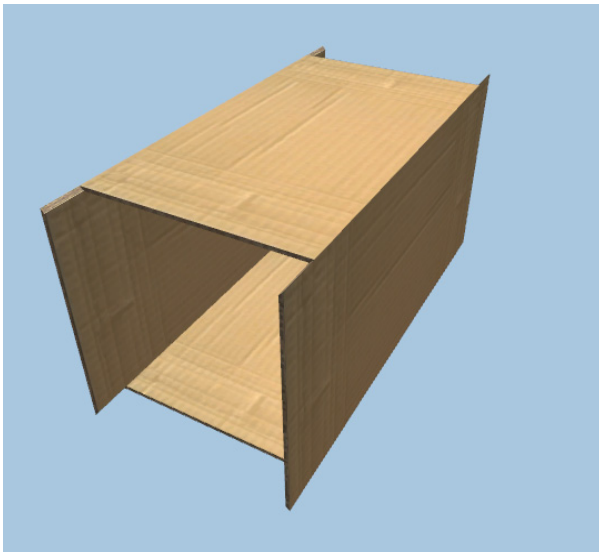
- 1:5:1:0:5:17:0:2
- Can embark: True
- Can be embarked on: False
- Systems:
  - other-3: airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



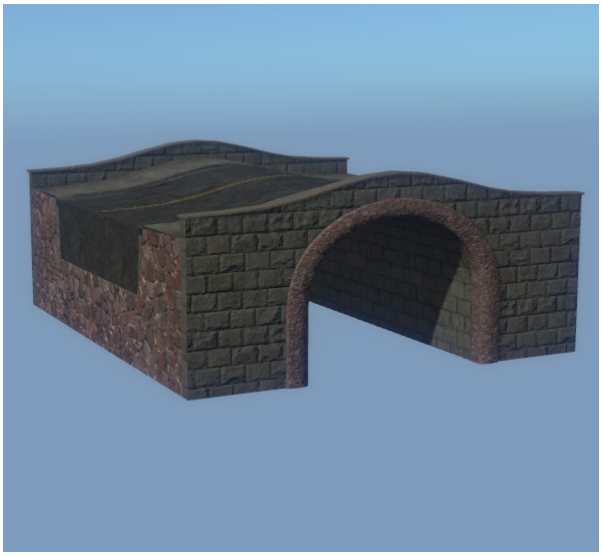
- 1:5:1:0:5:17:2:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.11. Box Wine Cardboard



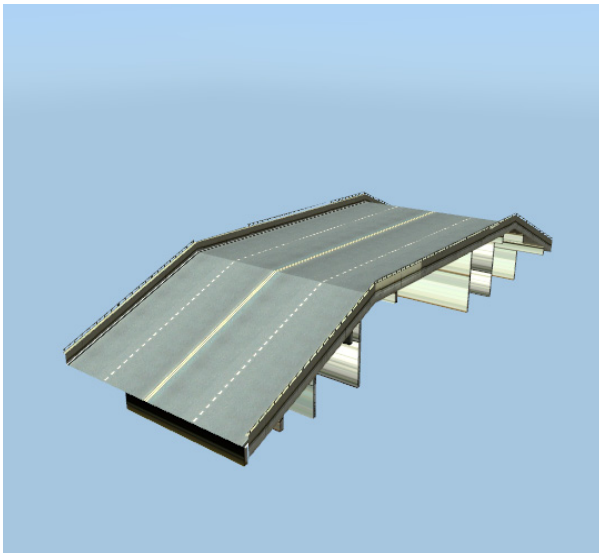
- 1:5:1:0:5:17:3:0
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.12. Bridge Arch Stone



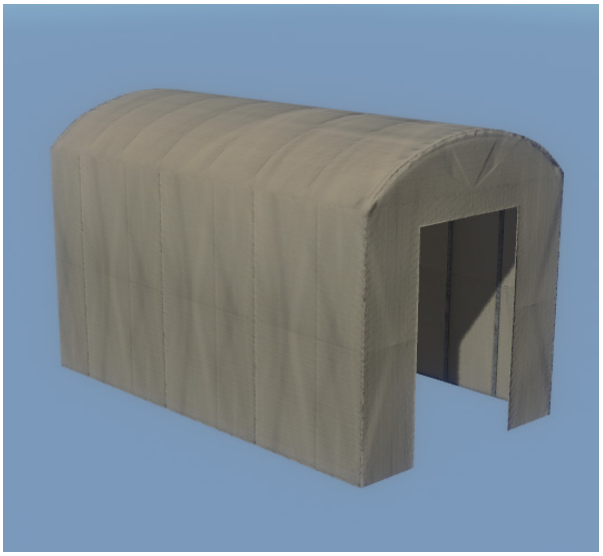
- 1:5:1:0:1:0:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.13. Bridge Concrete Two Lane



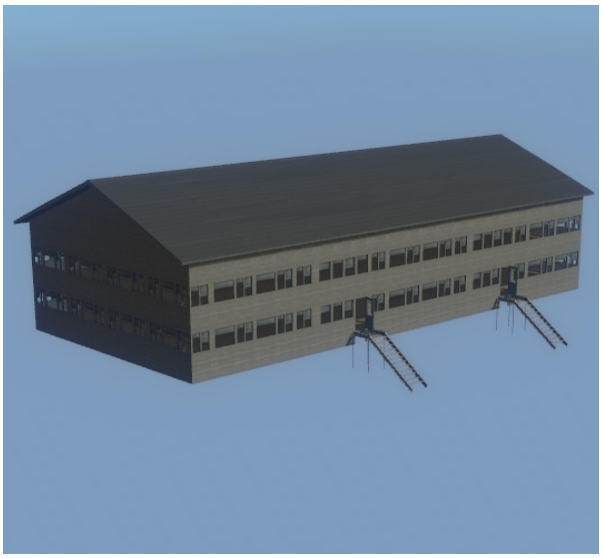
- 1:5:1:0:1:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.14. Building Barracks Canvas



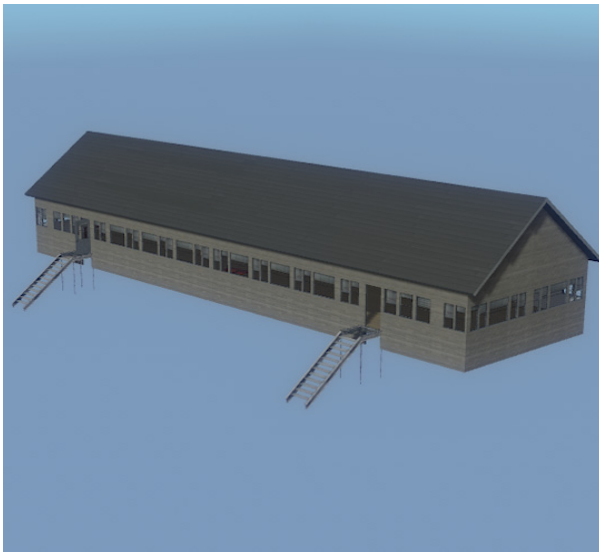
- 1:5:1:0:2:1:5:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.15. Building Barracks Large Wood Two Story



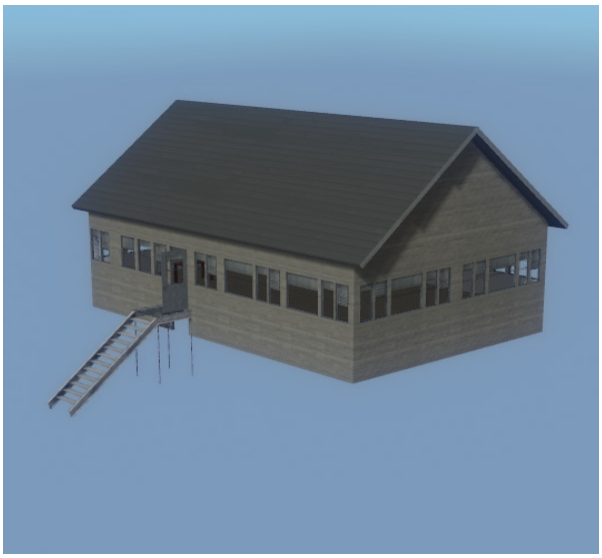
- 1:5:1:0:2:2:7:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.16. Building Barracks Long Wood



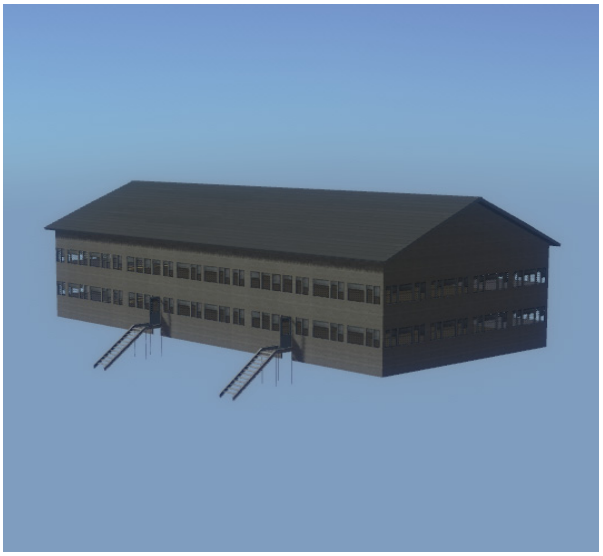
- 1:5:1:0:2:1:7:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



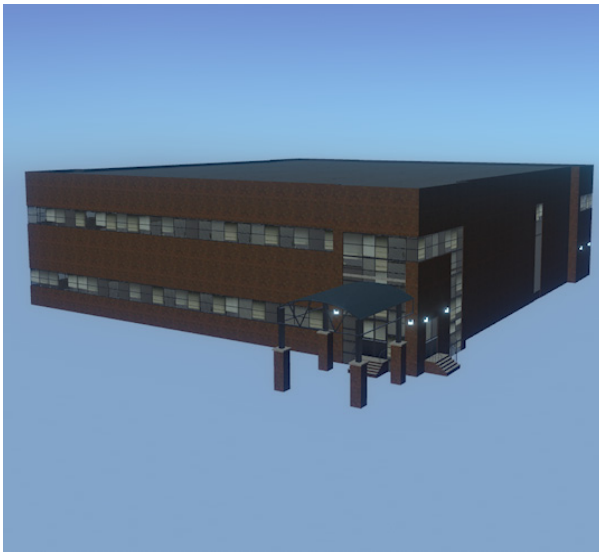
- 1:5:1:0:2:2:6:1
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.19. Building Barracks Wood



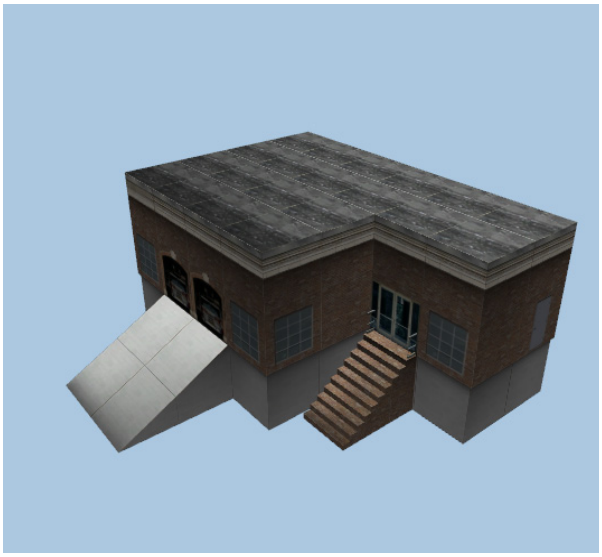
- 1:5:1:0:2:1:2:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.20. Building Commercial Brick Two Story



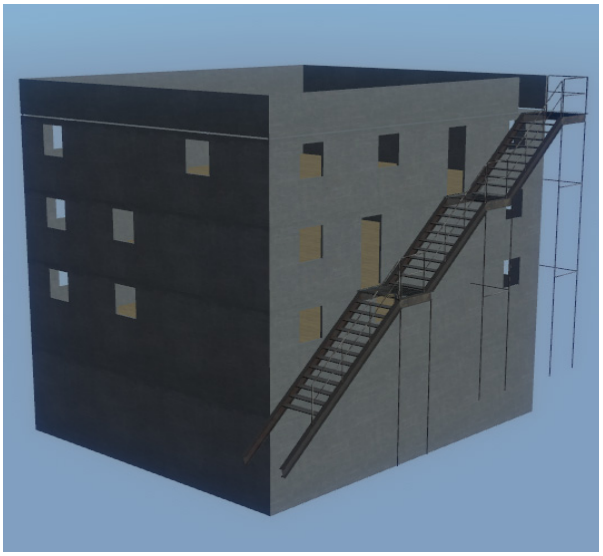
- 1:5:1:0:2:2:1:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



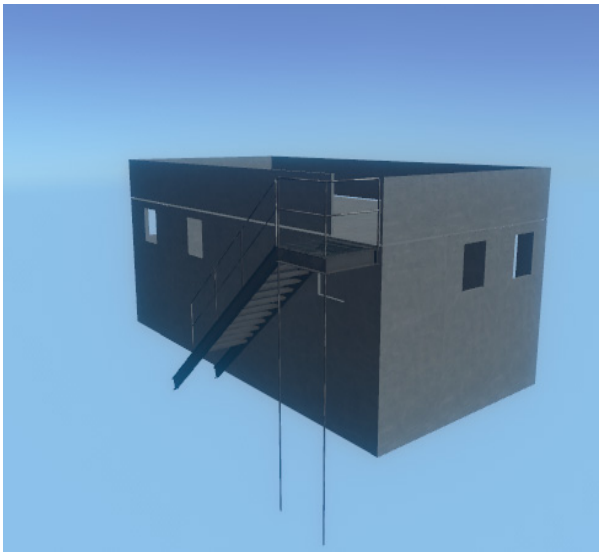
- 1:5:1:0:3:8:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.23. Building MOUT Medium Concrete



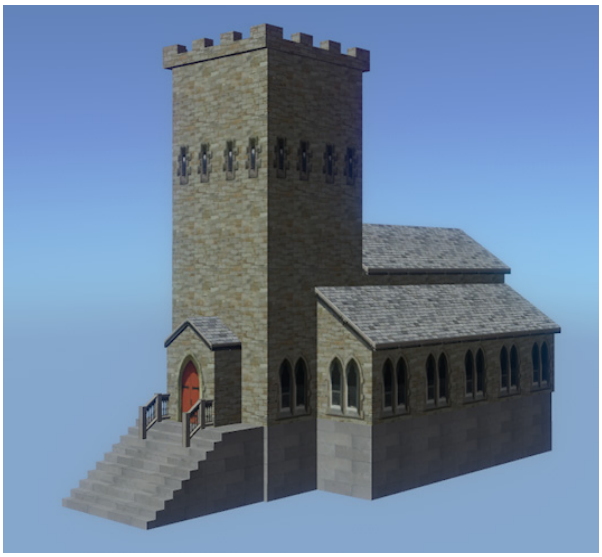
- 1:5:1:0:2:2:8:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.24. Building MOUT Small Concrete



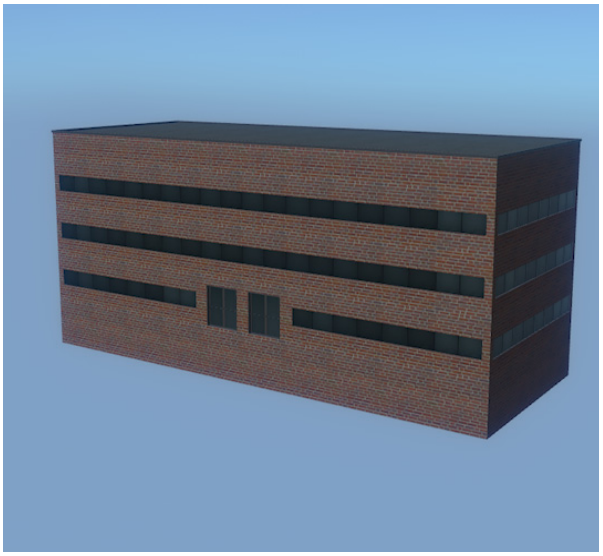
- 1:5:1:0:2:1:6:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.25. Building Medieval Church Brick



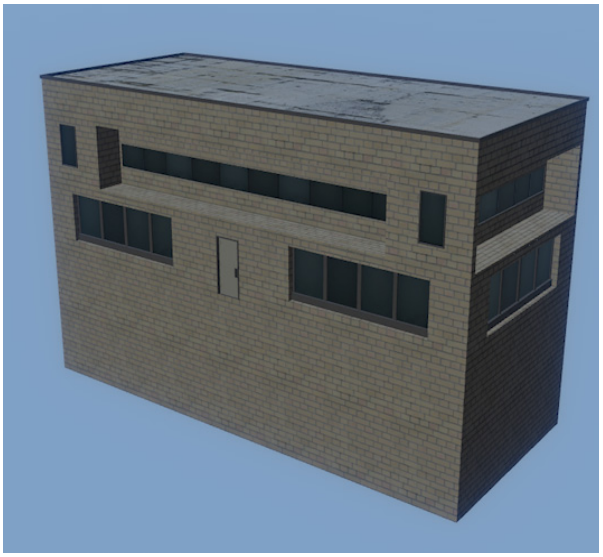
- 1:5:1:0:2:4:1:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.26. Building Office Four Story



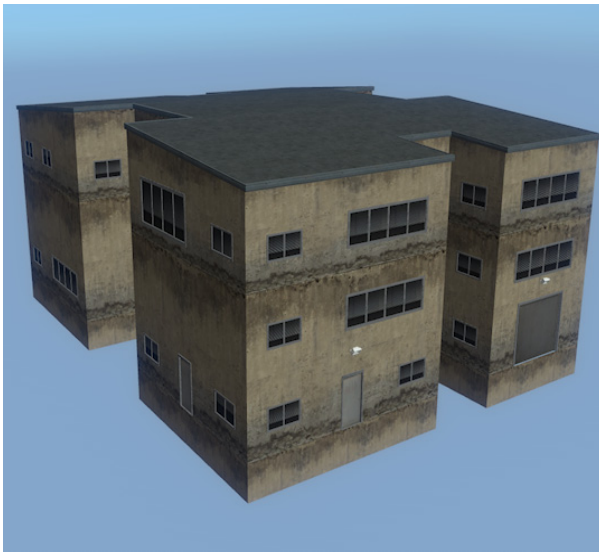
- 1:5:1:0:2:4:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.27. Building Post Office Brick



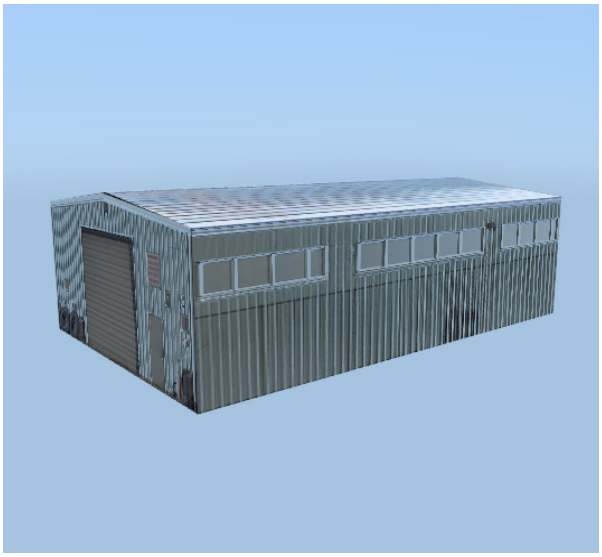
- 1:5:1:0:2:2:1:3
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.28. Building Stucco Three Story Gray



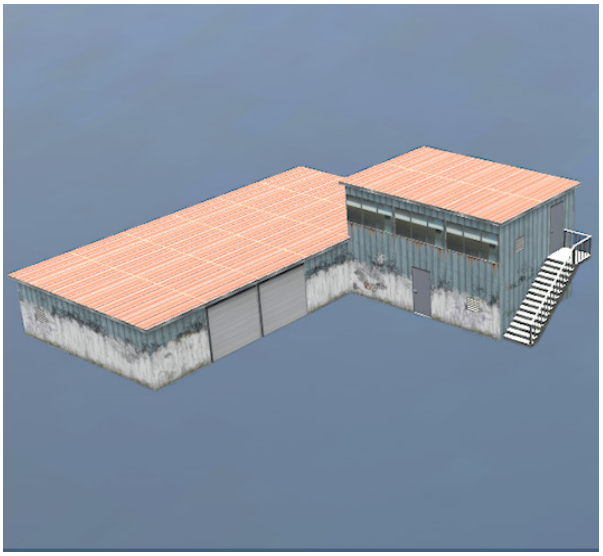
- 1:5:1:0:2:3:1:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



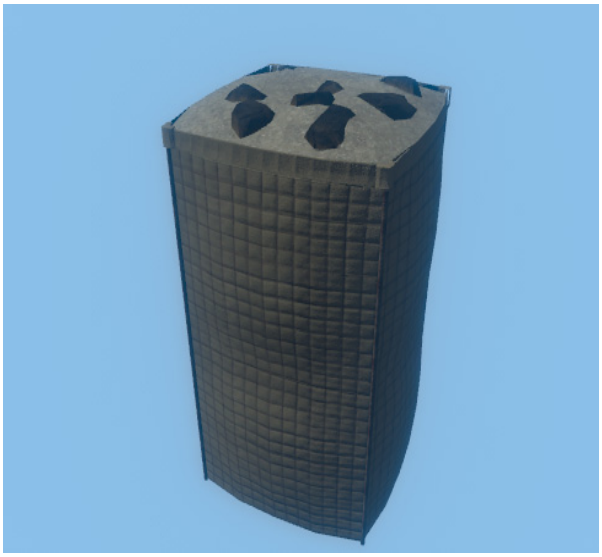
- 1:5:1:0:5:21:0:4
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.46. Furniture Outdoor Bench Park



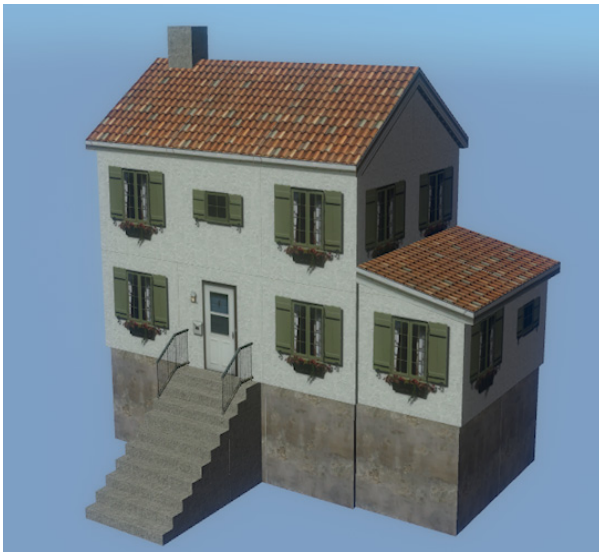
- 1:5:1:0:5:21:0:5
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.47. Hesco Barrier Small



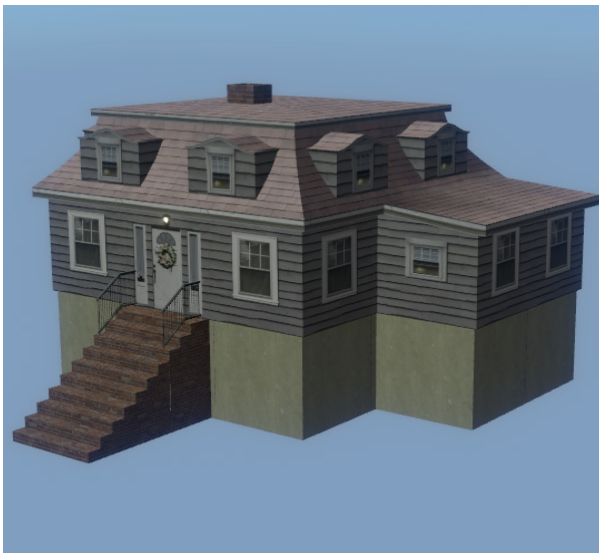
- 1:5:1:0:5:54:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



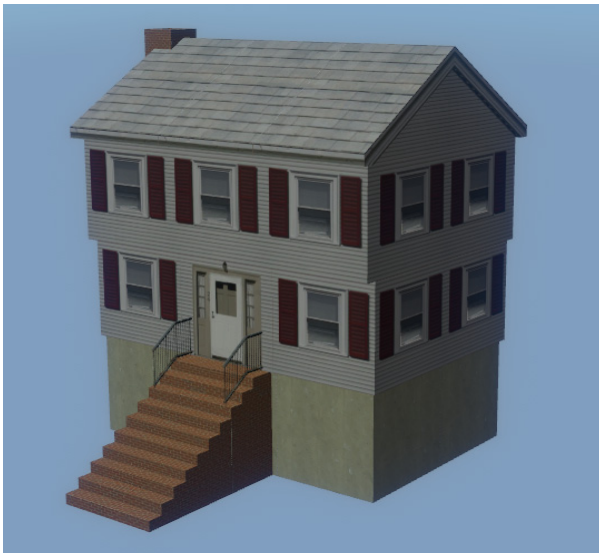
- 1:5:1:0:23:1:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.50. House German Colonial Stucco Tan



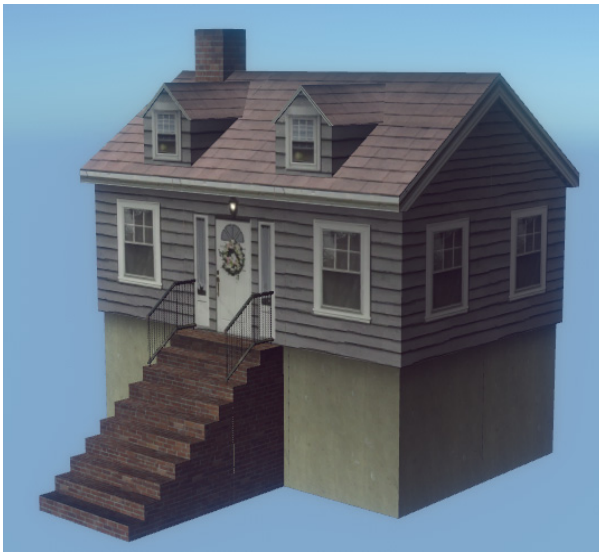
- 1:5:1:0:23:2:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.51. House Raised Ranch Clapboard White



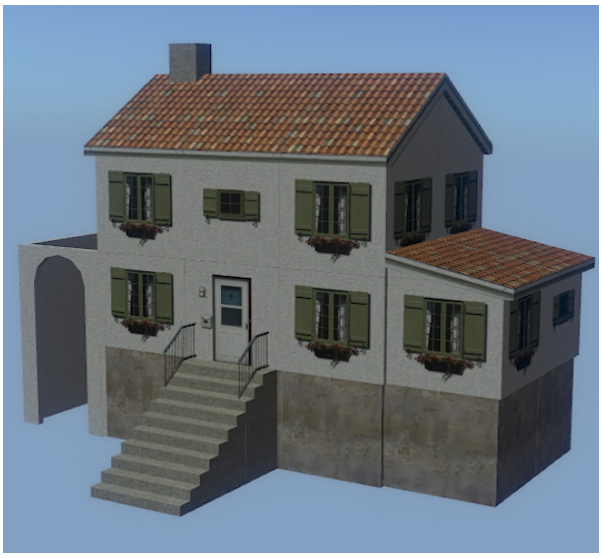
- 1:5:1:0:23:0:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.52. House Single Family



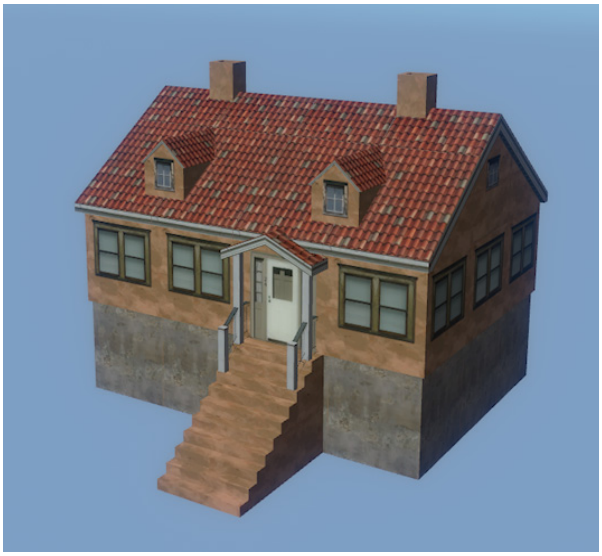
- 1:5:1:0:2:2:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



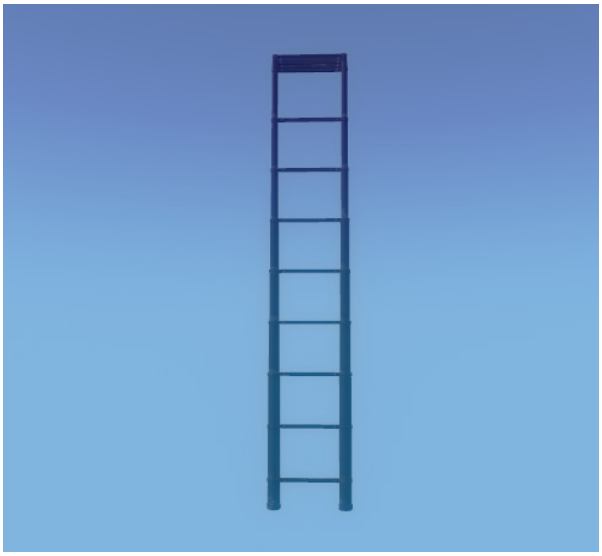
- 1:5:1:0:2:3:1:2
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.59. MiddleEasternShop



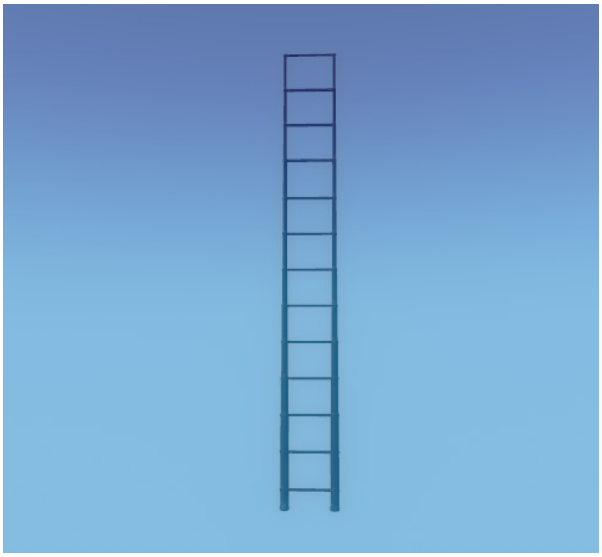
- 1:5:1:0:2:1:1:3
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: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

1.2.60. Military Tactical Ladder 12ft



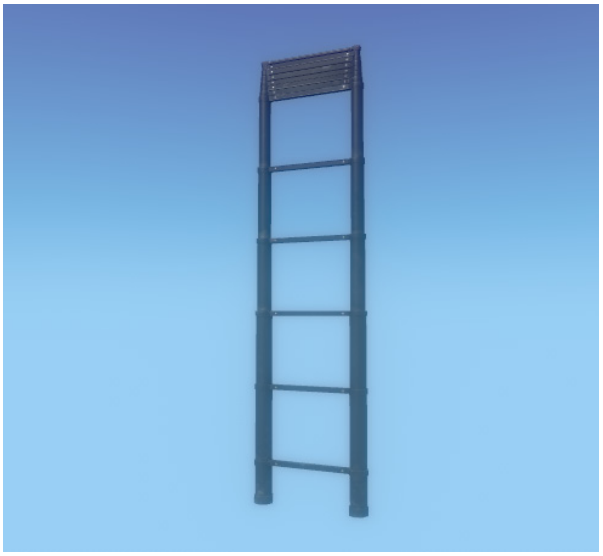
- 1:5:1:0:25:3:1:3
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

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



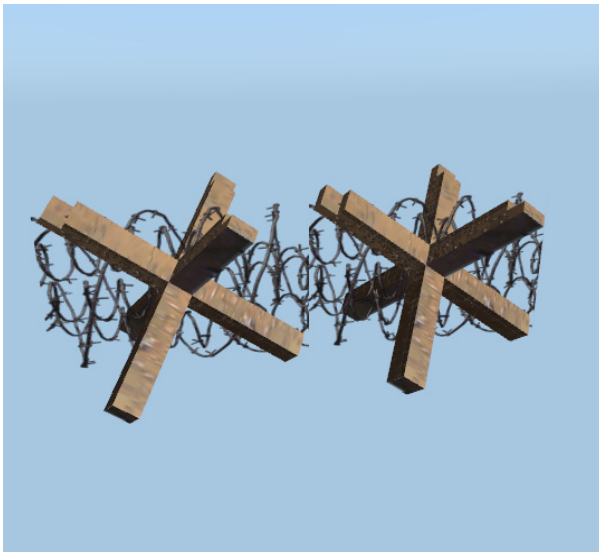
- 1:5:1:0:12:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.65. Obstacle Bollard



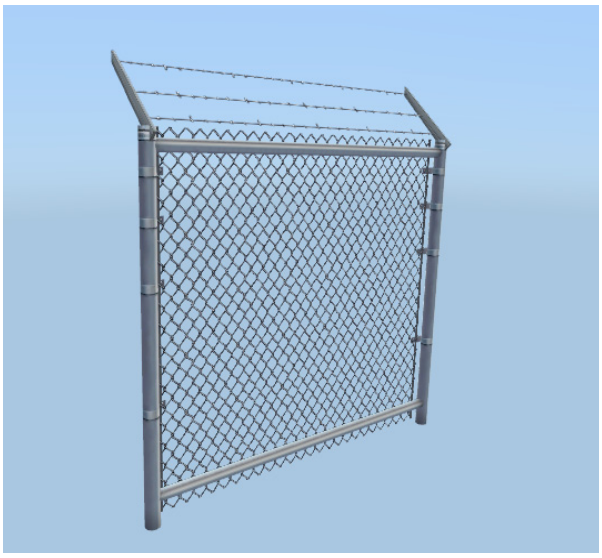
- 1:5:1:0:5:23:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



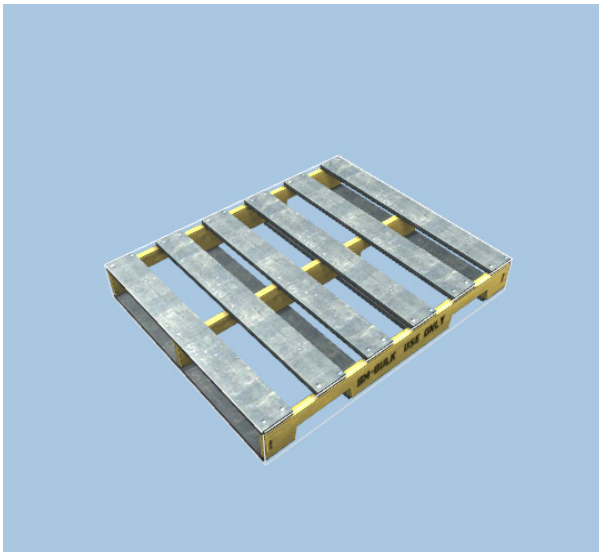
- 1:5:1:0:5:25:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.72. POL Storage Tank



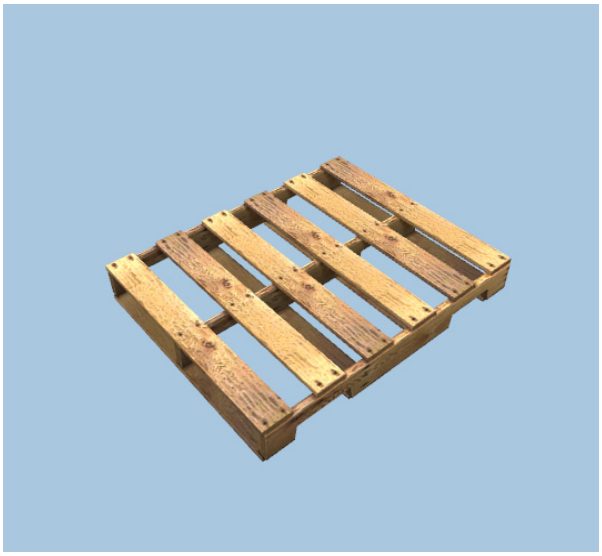
- 1:5:1:0:15:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: building-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.73. Palette Wooden Gray



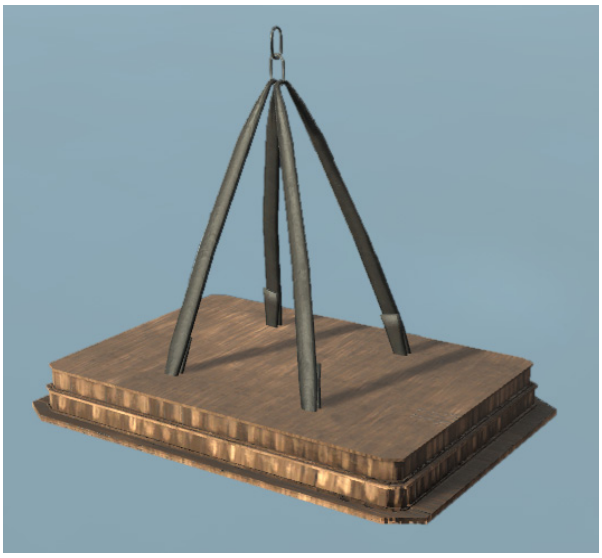
- 1:5:1:0:21:15:0:2
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



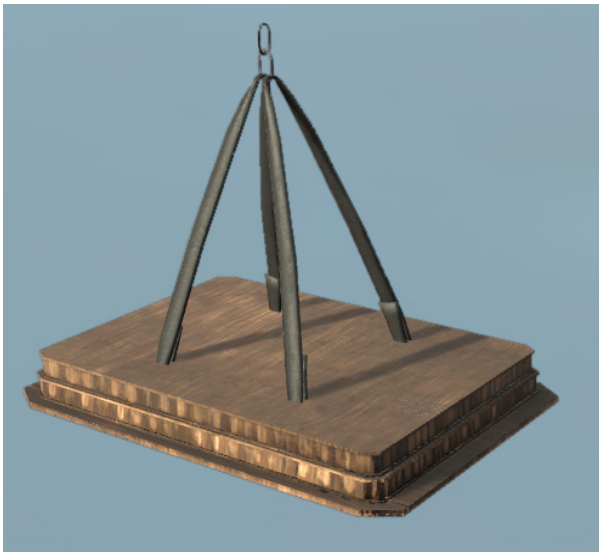
- 1:6:0:0:0:19:3:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: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

1.2.77. Parachuting Cargo Palette 5K



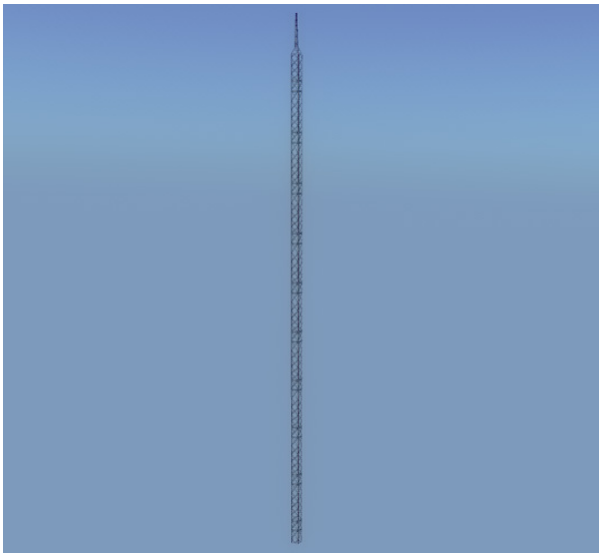
- 1:6:0:0:0:19:1:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: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

1.2.78. Parachuting Cargo Palette



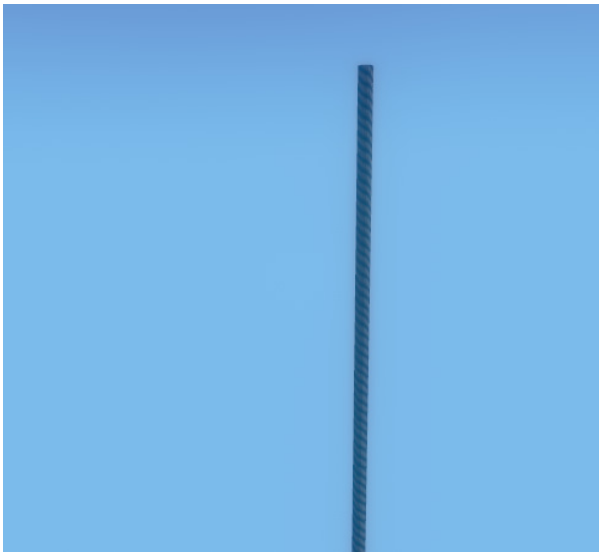
- 1:6:0:0:0:19:0:0
- Can embark: True
- Can be embarked on: True
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: cargo-palette.sysdef
  - other-4: cargo-airdrop-capable.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: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

1.2.79. Radio Antenna



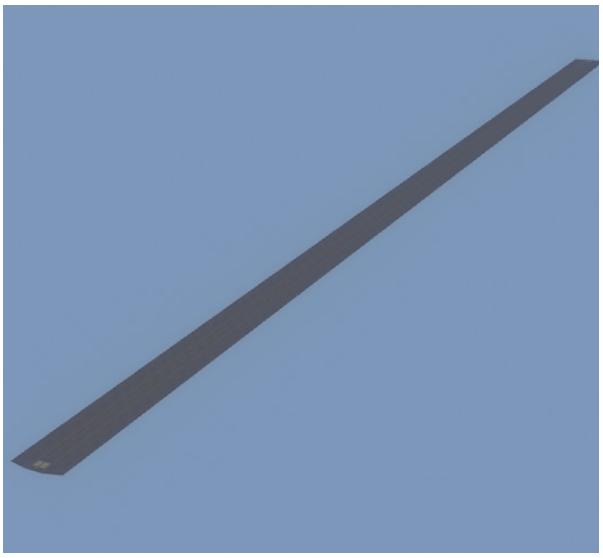
- 1:5:1:0:17:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.80. Rope Ladder 10m



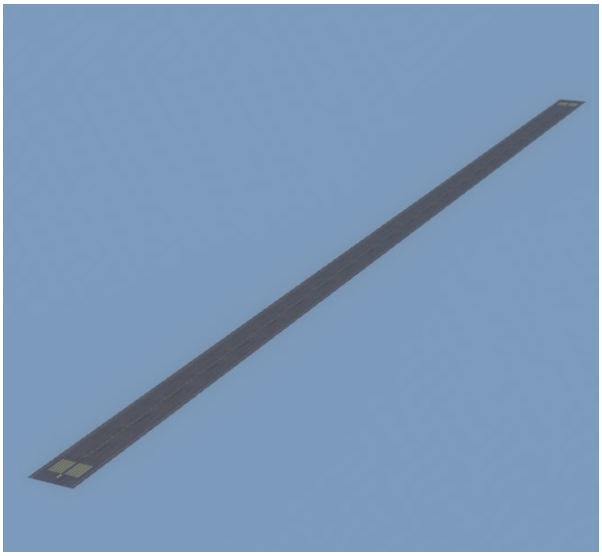
- 1:5:1:0:27:6:1:1
- Can embark: True
- Can be embarked on: True
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

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



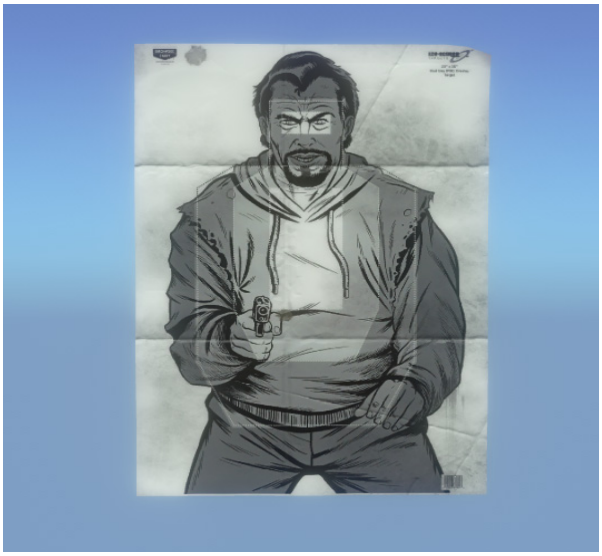
- 1:5:1:0:10:1:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



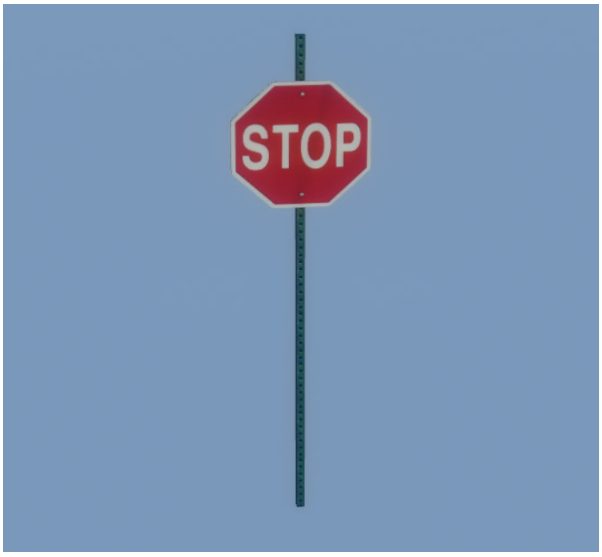
- 1:5:1:0:5:21:0:11
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: shooting-target-default.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0.75
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.25
  - visual-signature: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



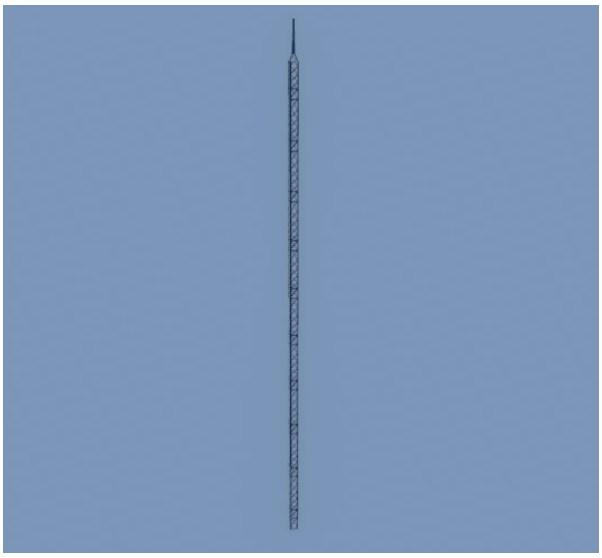
- 1:5:1:0:21:16:0:1
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



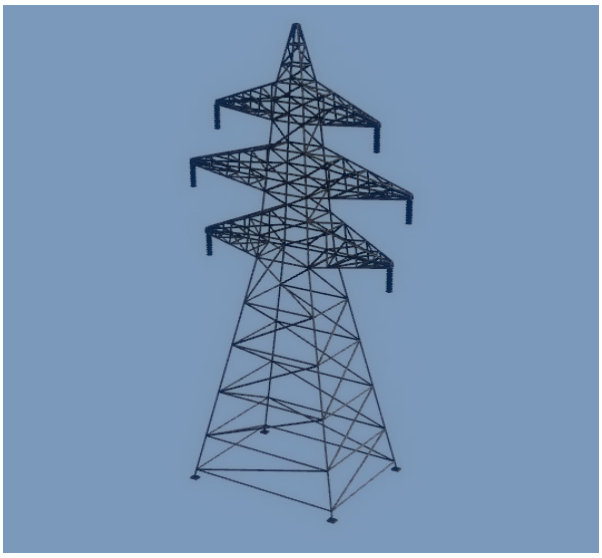
- 1:5:1:0:17:1:0:1
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

1.2.92. Tower Control Concrete



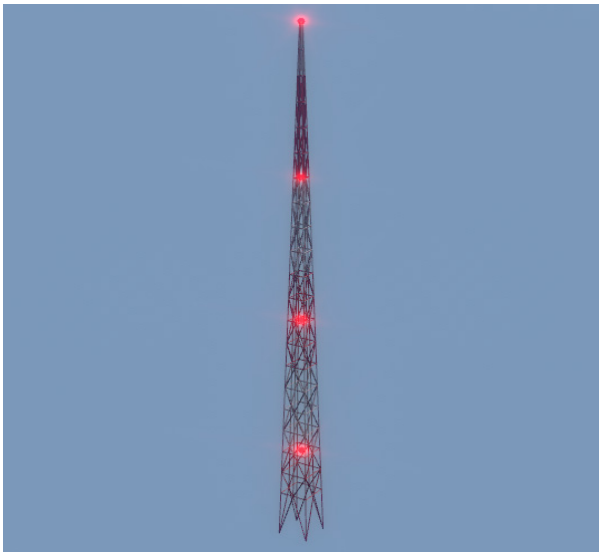
- 1:5:1:0:17:3:0:0
- Can embark: False
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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



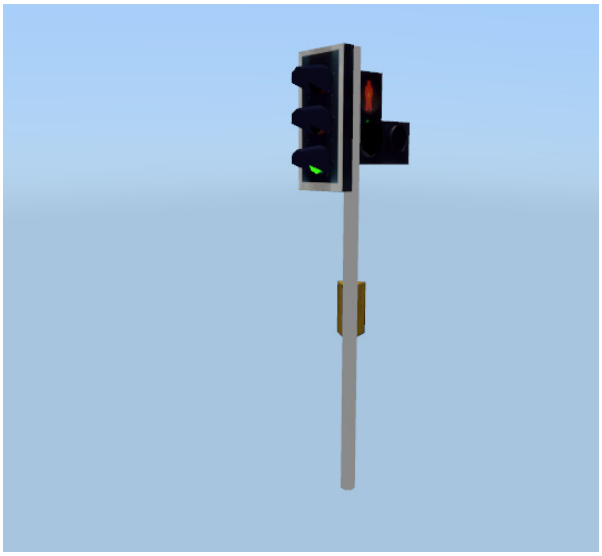
- 1:5:1:0:6:4:0:3
- Can embark: True
- Can be embarked on: False
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 27
  - visual-signature: 4

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-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

1.3.9. AV-8B Harrier II



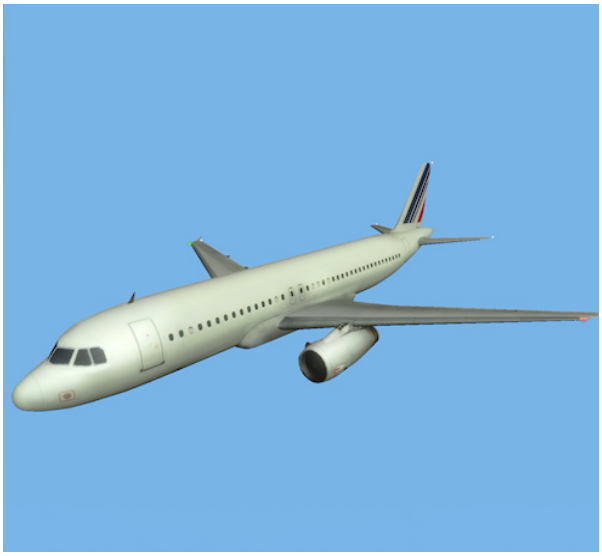
- 1:1:2:225:2:8:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 300 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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

1.3.10. Ababil UAV



- 1:1:2:101:50:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 83.33333333333 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

1.3.11. Airbus 310 - Air France



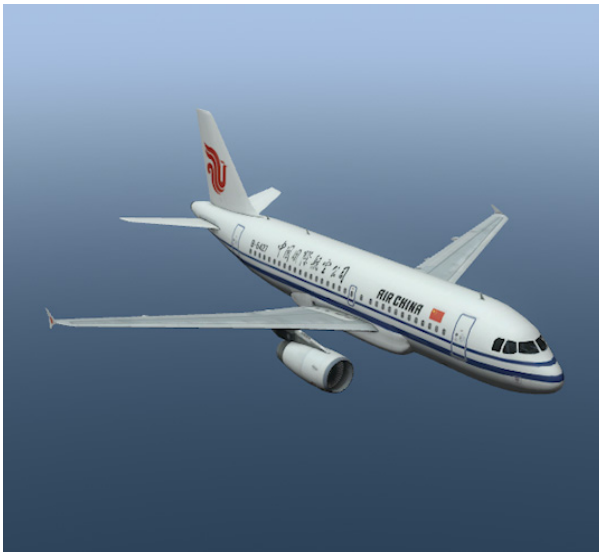
- 1:1:2:71:88:32:2:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 250.2777713333 m/s
- Ordered speed: 236.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.3.12. 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-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100
  - visual-signature: 10

1.3.13. 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

1.3.14. 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

1.3.15. 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

1.3.16. 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

1.3.17. Airbus 320 - Singapore Airlines



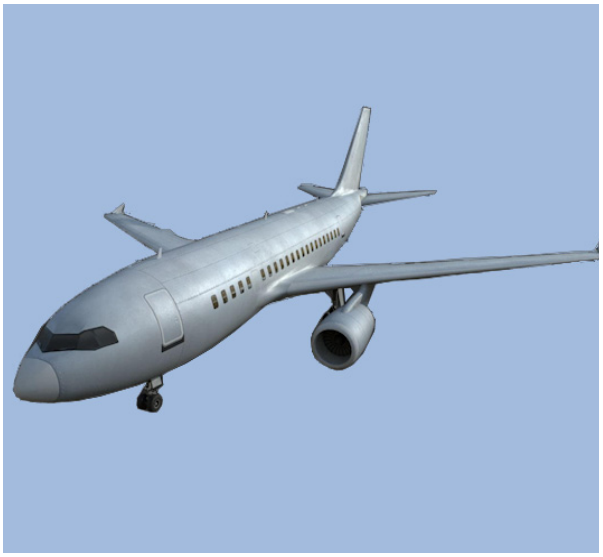
- 1:1:2:71:57:1:1:4
- Can embark: False
- Can be embarked on: True
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures: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

1.3.18. 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

1.3.19. Airbus A310 MRTT Tanker



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

1.3.20. 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

1.3.21. 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

1.3.22. 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

1.3.23. 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

1.3.24. 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

1.3.25. 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

1.3.26. 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

1.3.27. 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

1.3.28. Beechcraft MC-12 King Air



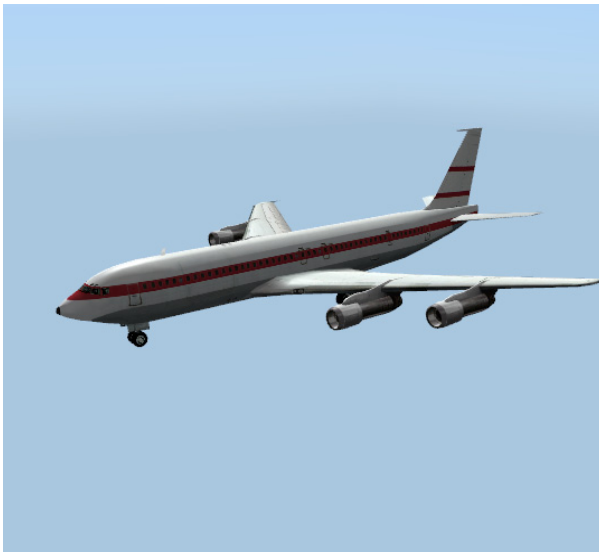
- 1:1:2:225:7:8:7:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 148.6111111111 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.3.29. Beechcraft T-6



- 1:1:2:225:40:13:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 162.7777778889 m/s
- Ordered speed: 88.88888888889 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: 40
  - visual-signature: 5

1.3.30. Boeing 707



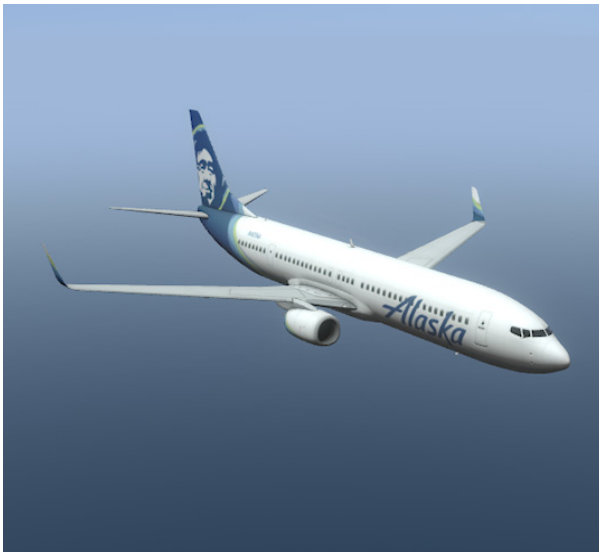
- 1:1:2:225:57:1:11:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 289 m/s
- Ordered speed: 277.777778 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
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

1.3.31. Boeing 737 British Airways



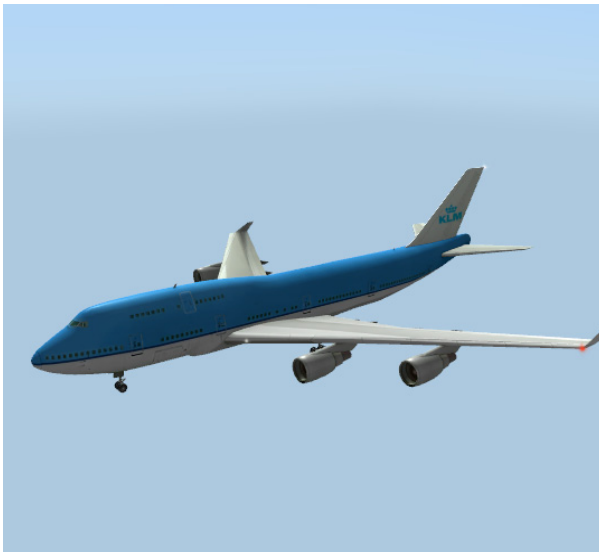
- 1:1:2:225:57:1:4:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 271.797188 m/s
- Ordered speed: 245.2804 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures: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

1.3.32. Boeing 737-900



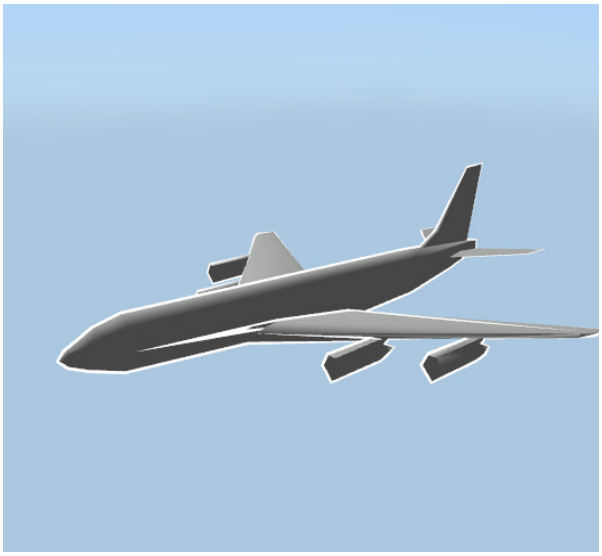
- 1:1:2:225:57:1:7:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 232.7777777778 m/s
- Ordered speed: 245.2804 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.3.33. Boeing 747-400



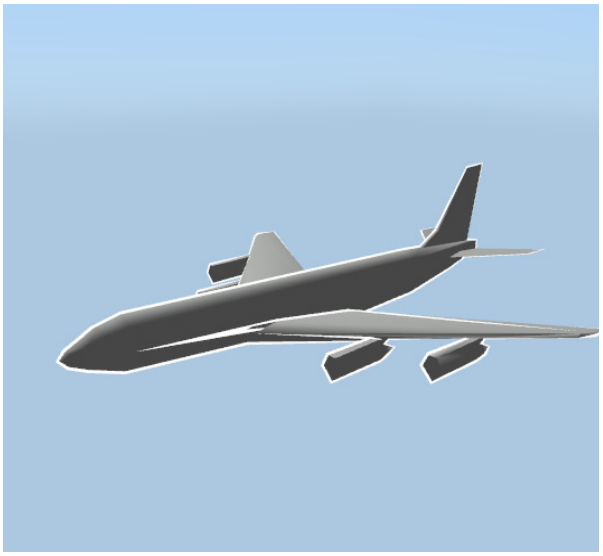
- 1:1:2:225:57:1:1:1
- Can embark: False
- Can be embarked on: True
- Maximum speed: 289 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: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

1.3.34. Boeing 757



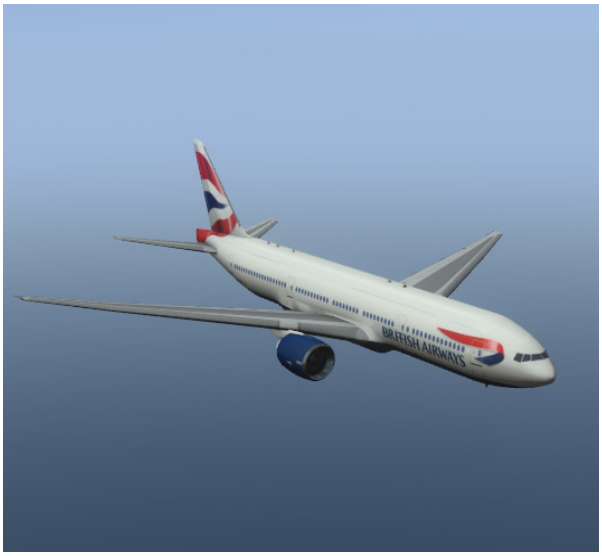
- 1:1:2:225:57:1:2:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 268.166667 m/s
- Ordered speed: 250 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  -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

1.3.35. Boeing 767



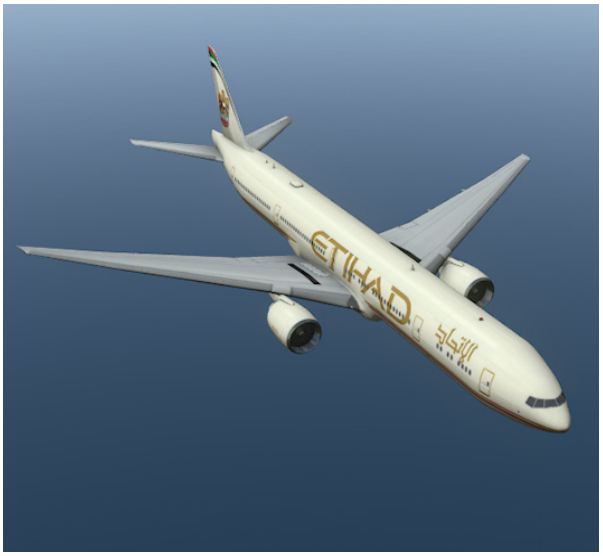
- 1:1:2:225:57:1:8:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 253.722222 m/s
- Ordered speed: 236.111111 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.3.36. Boeing 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

1.3.37. Boeing 777-300



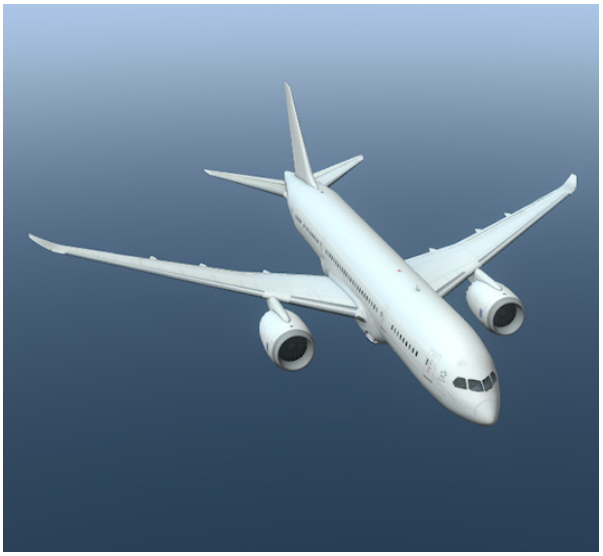
- 1:1:2:225:88:32:2:4
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
 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

1.3.38. Boeing 777



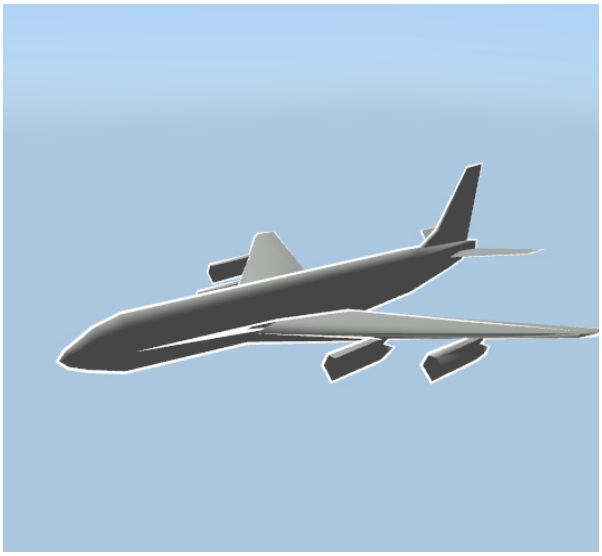
- 1:1:2:225:57:1:14:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 264 m/s
- Ordered speed: 251.388889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-tran-sponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
 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

1.3.39. 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

1.3.40. 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-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

1.3.41. 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

1.3.42. 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

1.3.43. 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-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

1.3.44. 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:
  - 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

1.3.45. C-130J Super Hercules



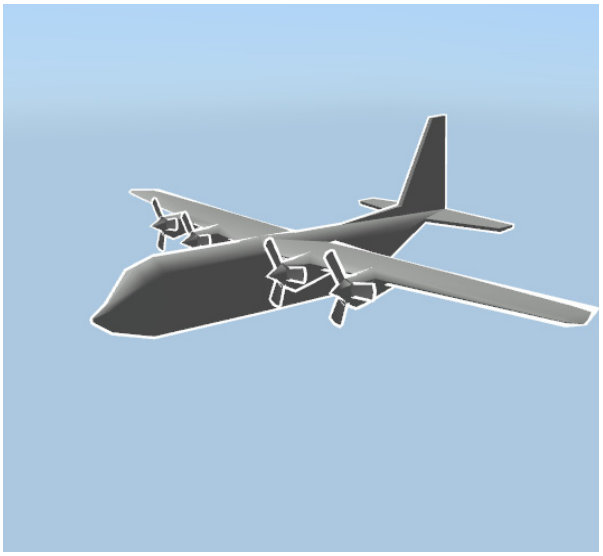
- 1:1:2:225:4:1:29:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 167.19296 m/s
- Ordered speed: 150 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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

1.3.46. 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

1.3.47. C-5 Galaxy



- 1:1:2:225:4:2:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 258.888877 m/s
- Ordered speed: 255.277778 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: 40
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 200
  - visual-signature: 15

1.3.48. CASA C-212 Aviocar



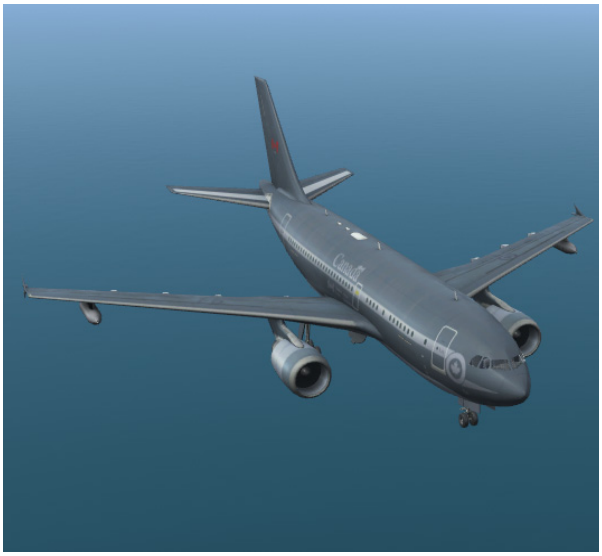
- 1:1:2:198:4:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 102.7777777778 m/s
- Ordered speed: 83.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 25
  - visual-signature: 2

1.3.49. 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

1.3.50. 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

1.3.51. 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

1.3.52. 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

1.3.53. 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

1.3.54. 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

1.3.55. 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

1.3.56. 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

1.3.57. Chengdu J-20



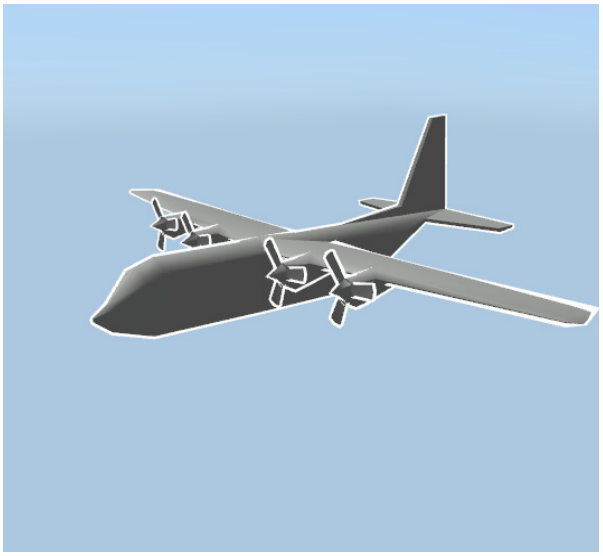
- 1:1:2:45:1:7:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 874.4444444444 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.58. Chengdu J-7



- 1:1:2:45:1:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 611.1111111111 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
  - 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

1.3.59. 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

1.3.60. 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

1.3.61. Dassault Mystere-Falcon 900



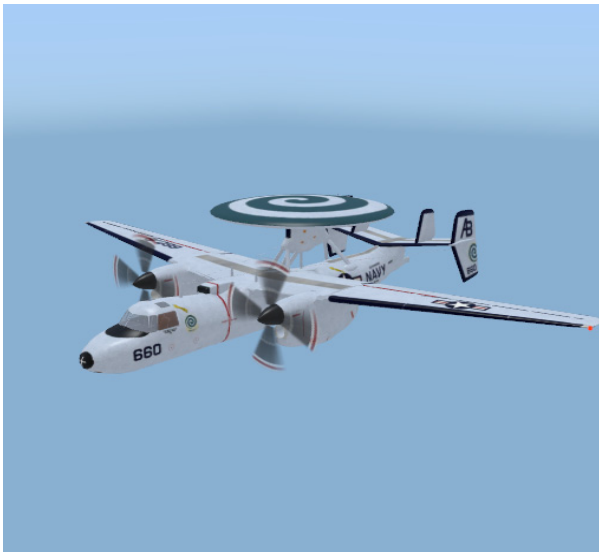
- 1:1:2:71:7:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 288.0555555556 m/s
- Ordered speed: 263.8888888889 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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

1.3.62. 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

1.3.63. E-2 Hawkeye



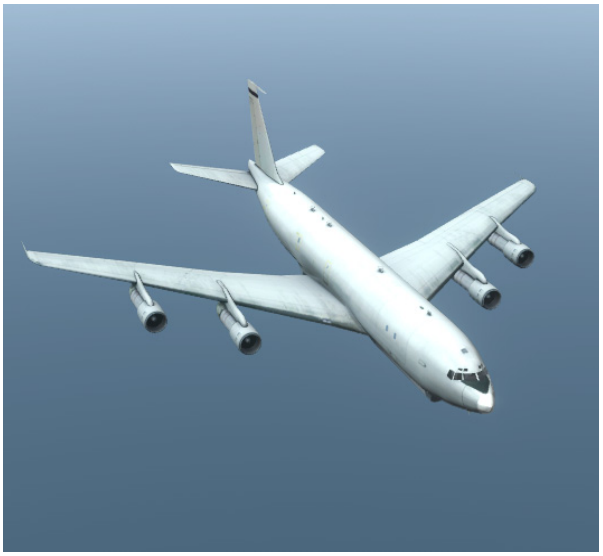
- 1:1:2:225:8:1:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 131.6666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.64. 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

1.3.65. 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

1.3.66. EA-18G Growler



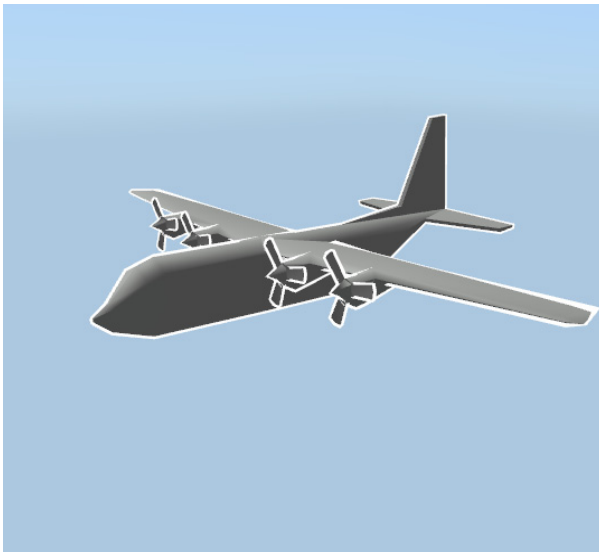
- 1:1:2:225:6:10:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.67. EA-6B Prowler



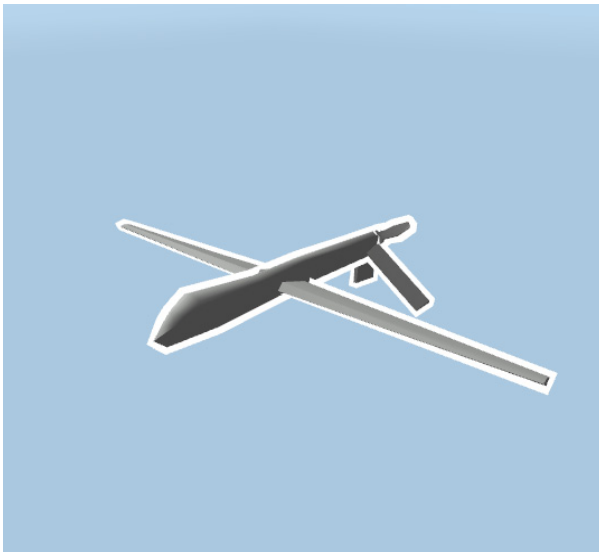
- 1:1:2:225:6:9:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 291.6666666667 m/s
- Ordered speed: 205 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.68. EADS CASA C-295



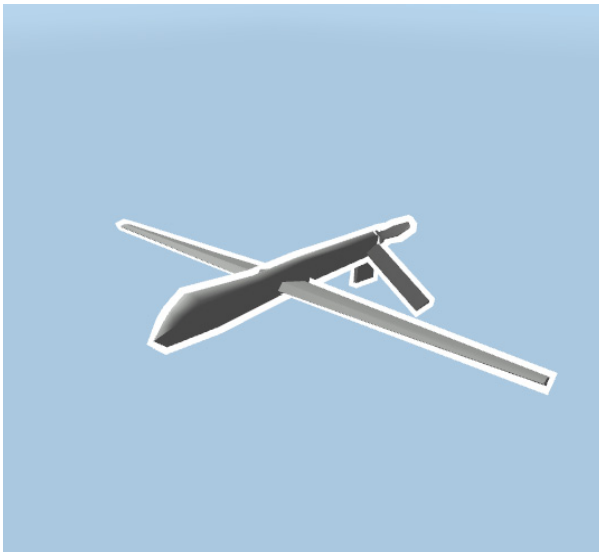
- 1:1:2:198:4:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 133.3333333333 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
 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

1.3.69. 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-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

1.3.70. 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

1.3.71. 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:
  - 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: 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

1.3.72. 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

1.3.73. 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

1.3.74. 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

1.3.75. 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

1.3.76. 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

1.3.77. 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

1.3.78. F/A-18 Hornet



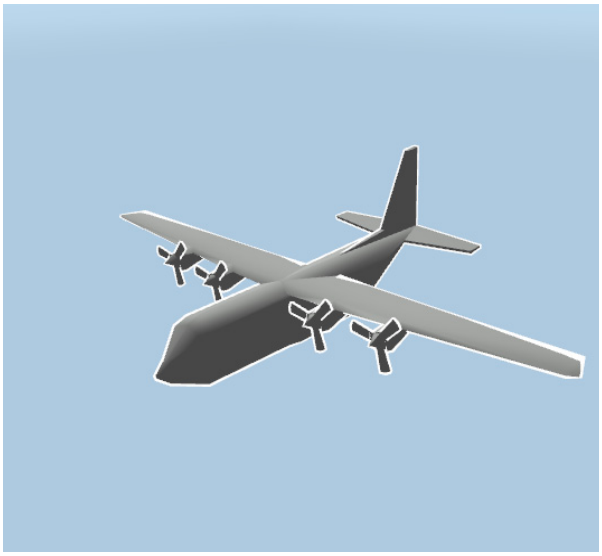
- 1:1:2:225:1:9:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.79. Gulfstream G550



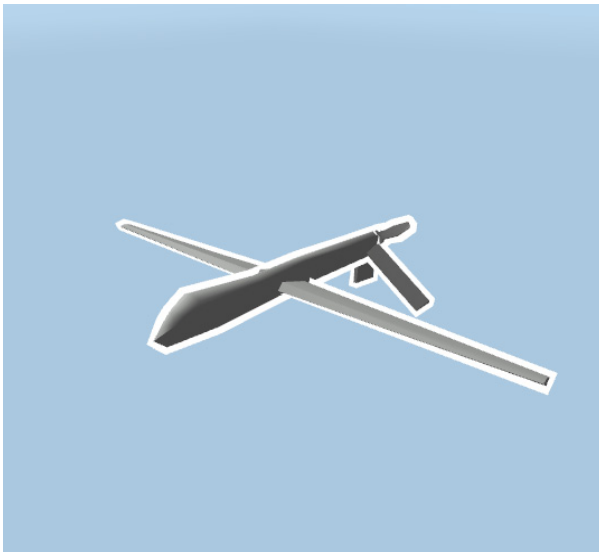
- 1:1:2:225:87:32:10:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 261.3888824444 m/s
- Ordered speed: 251.1111222222 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other: iff-transponder.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.3.80. Harbin SH-5 ASW



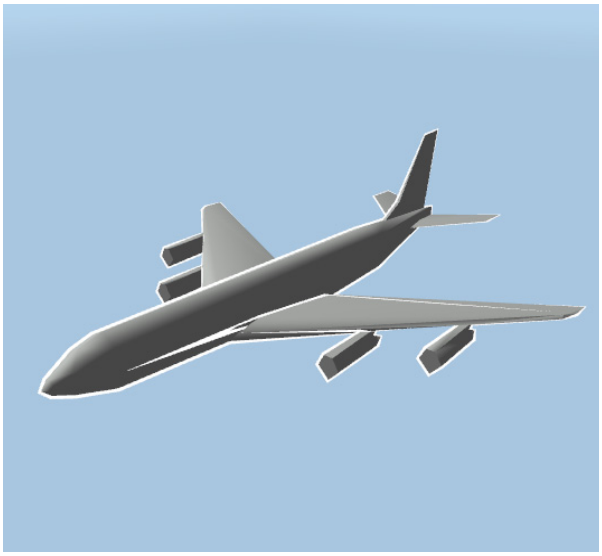
- 1:1:2:45:5:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 154.4444444444 m/s
- Ordered speed: 125 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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: 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

1.3.81. Hermes 450



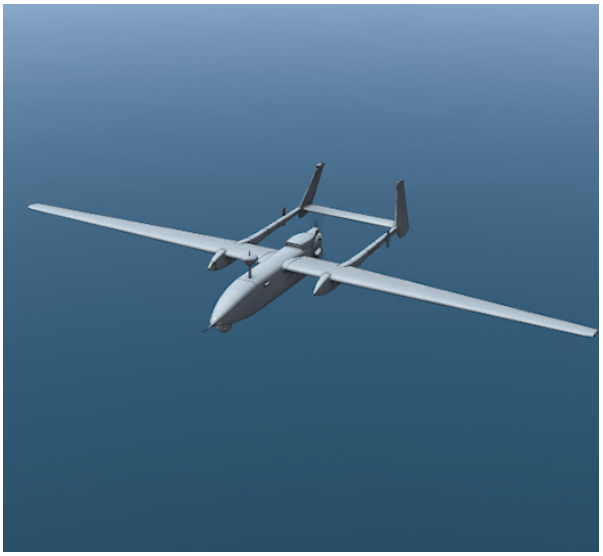
- 1:1:2:105:50:1:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 48.888889 m/s
- Ordered speed: 36.11111066667 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: 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

1.3.82. 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

1.3.83. 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

1.3.84. 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

1.3.85. 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

1.3.86. 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

1.3.87. 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

1.3.88. 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

1.3.89. 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

1.3.90. KC-130J Super Hercules Tanker



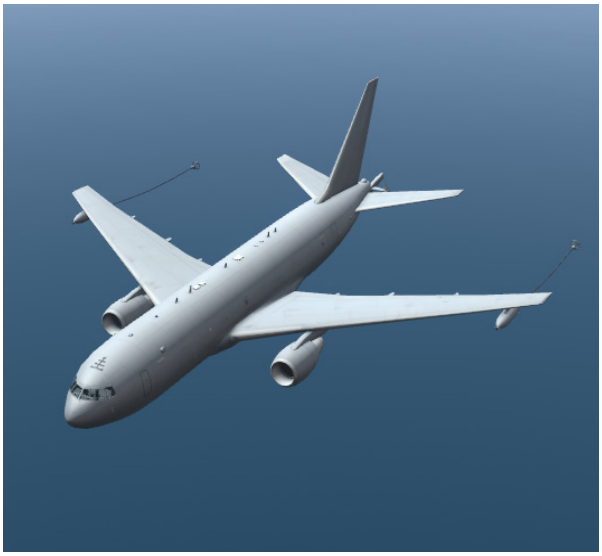
- 1:1:2:225:4:1:13:4
- Materially classified for SensorFX.
- Systems:
  - other-7: wing-tip-drogue-refueling-supplier.sysdef

1.3.91. 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

1.3.92. KC-46A Pegasus



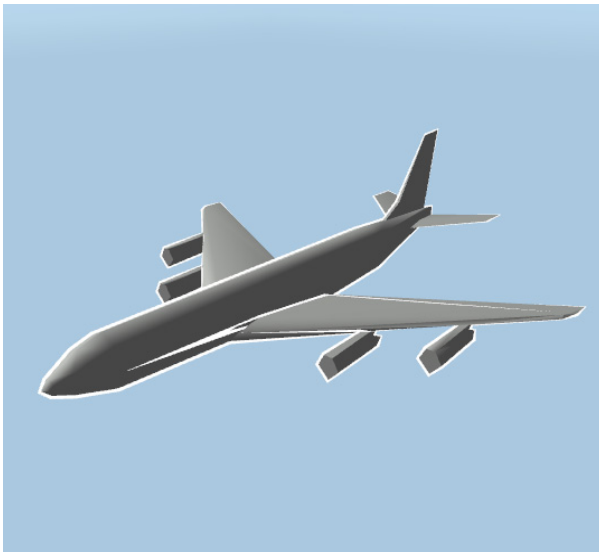
- 1:1:2:225:4:23:3:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 253.8888888889 m/s
- Ordered speed: 236.3888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-2: boom-wingtip-drogue-refueling-supplier.sysdef
  - 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

1.3.93. 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

1.3.94. 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

1.3.95. 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

1.3.96. 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

1.3.97. 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

1.3.98. 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

1.3.99. MQ-9 Reaper UAV



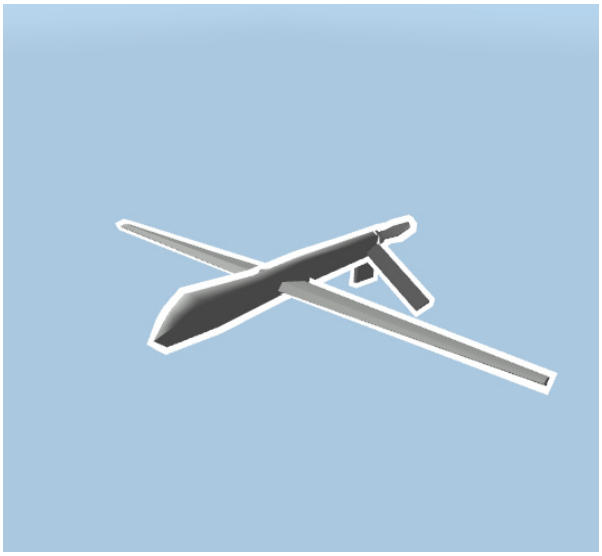
- 1:1:2:225:50:4:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 133.888889 m/s
- Ordered speed: 83.555556 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.100. 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

1.3.101. 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

1.3.102. 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

1.3.103. 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

1.3.104. 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

1.3.105. Mirage 2000



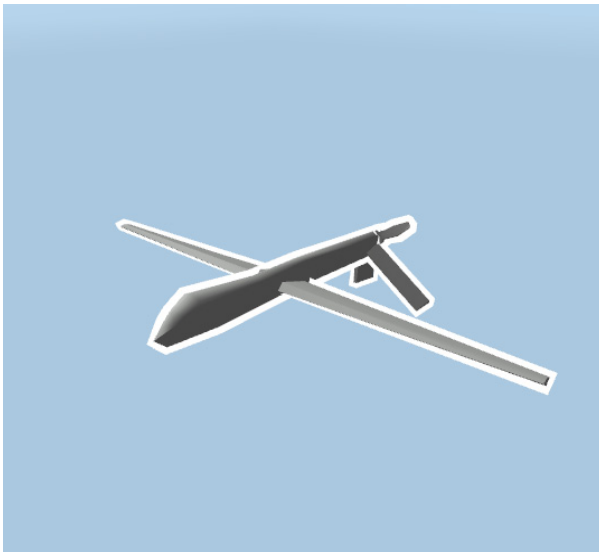
- 1:1:2:71:1:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.106. 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

1.3.107. 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-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

1.3.108. Nanchang Q-5



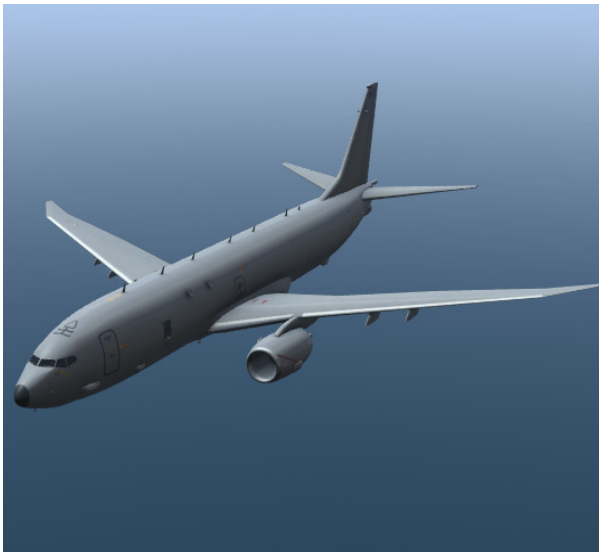
- 1:1:2:45:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 336.1111111111 m/s
- Ordered speed: 200 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-fighter-jet.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.3.109. P-3 Orion



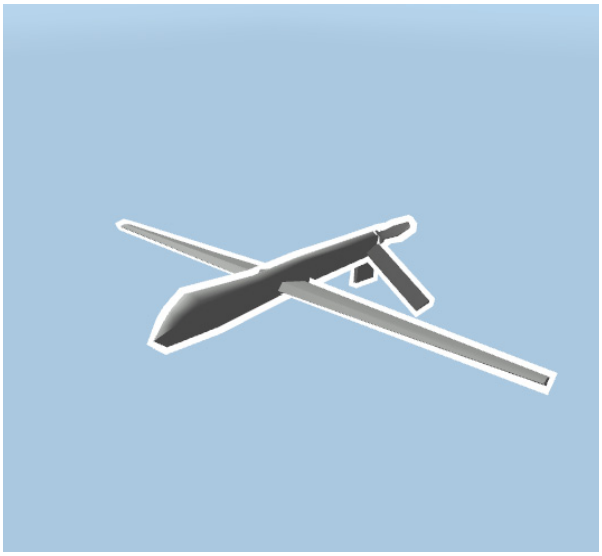
- 1:1:2:225:5:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 208.333321 m/s
- Ordered speed: 150 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.3.110. P-8A Poseidon



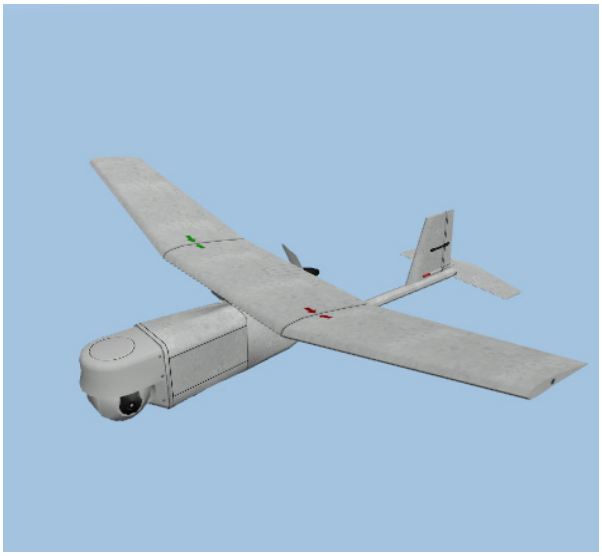
- 1:1:2:225:5:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 251.9444444444 m/s
- Ordered speed: 150 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-heavy.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.3.111. 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-gener-ator.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

1.3.112. 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-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: 20
  - visual-signature: 1

1.3.113. 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

1.3.114. RQ-7 Shadow UAV



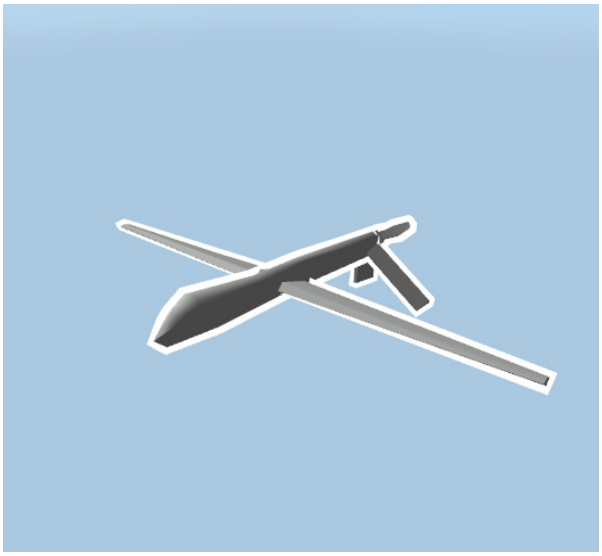
- 1:1:2:225:50:8:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 56.666667 m/s
- Ordered speed: 36.333334 m/s
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: Handheld-UAV.sysdef
  - other-10: tdl-air-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.3.115. 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

1.3.116. 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

1.3.117. 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

1.3.118. 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

1.3.119. 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

1.3.120. 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

1.3.121. SU-37 Flanker



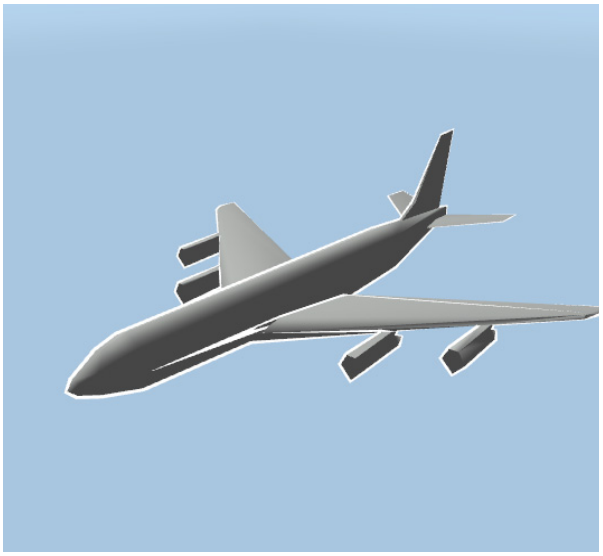
- 1:1:2:222:2:9:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 265 m/s
- Ordered speed: 200 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: fixed-wing-default.sysdef
  - movement: fixed-wing-high-maneuver-ability-fighter.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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

1.3.122. 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-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: 20
  - visual-signature: 1

1.3.123. 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

1.3.124. 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

1.3.125. 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

1.3.126. 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

1.3.127. 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

1.3.128. 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

1.3.129. 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

1.3.130. 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

1.3.131. 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

1.3.132. 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

1.3.133. 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

1.3.134. 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

1.4. Ground Vehicle

1.4.1. 2S1 Gvozdika



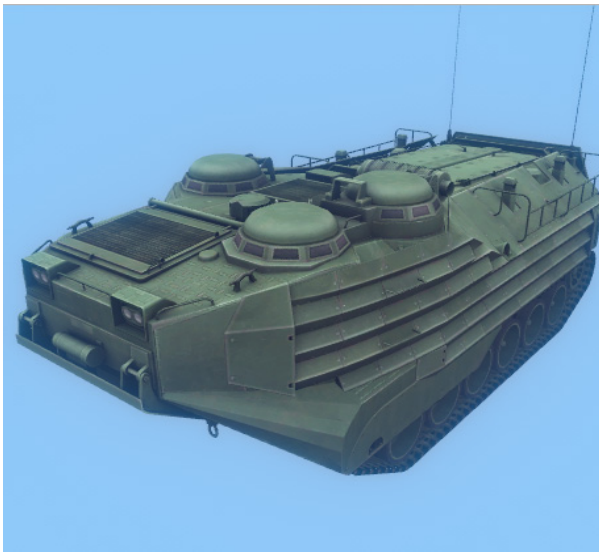
- 1:1:1:222:4:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 14.72222233333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



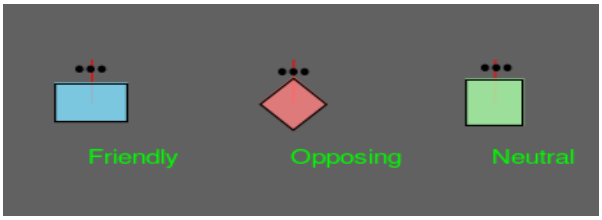
- 1:1:1:222:4:26:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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. AAVC7A1 Landing Vehicle



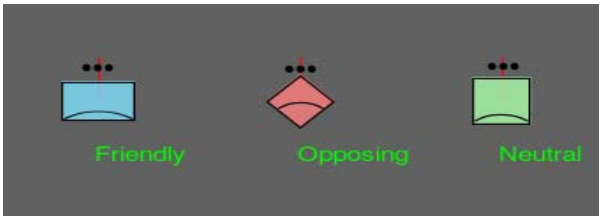
- 1:1:1:225:2:26:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracks-amphib-ious.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.4. ADA Plt (CIS)



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

1.4.5. ADA Plt (US)



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

1.4.6. 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

1.4.7. AMX-10RC



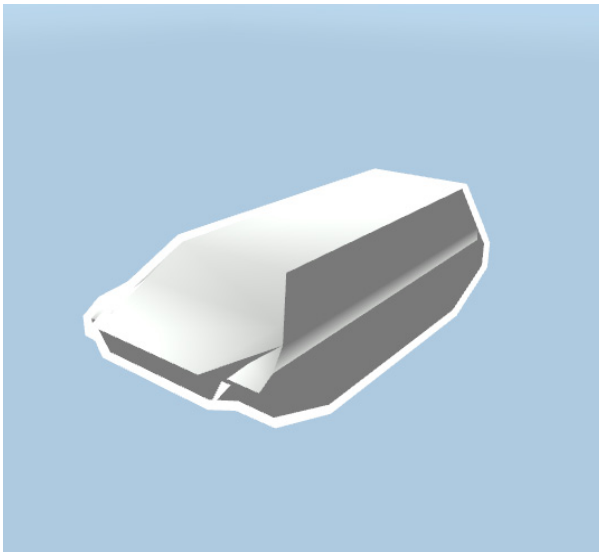
- 1:1:1:71:2:6:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.8. 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

1.4.9. 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

1.4.10. AMX-56 Leclerc MBT



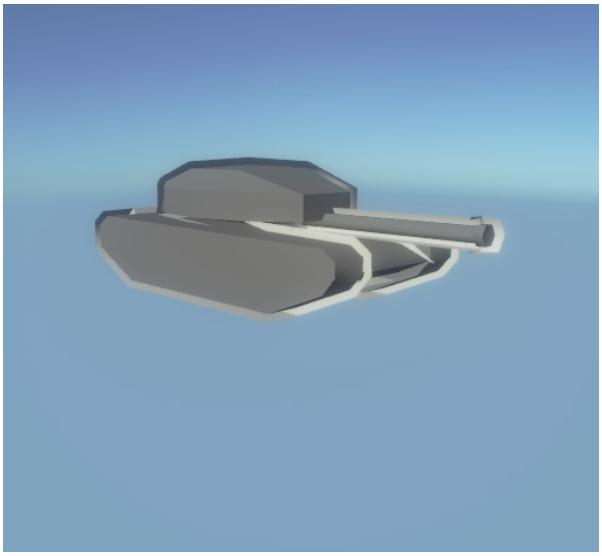
- 1:1:1:71:1:4:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.11. 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

1.4.12. AN/TPY-2 Radar



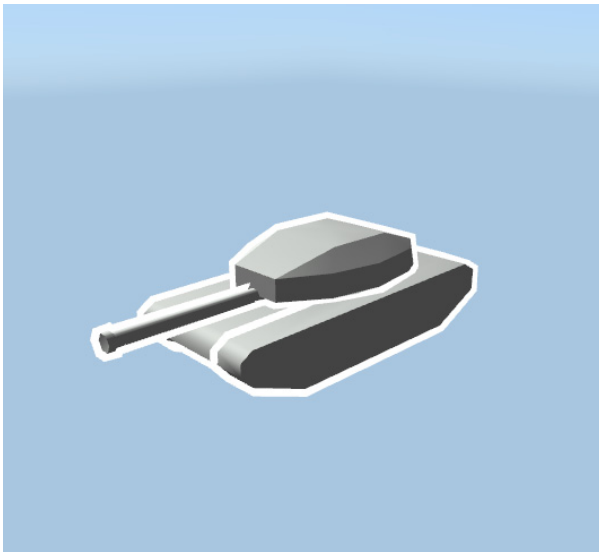
- 1:1:1:225:28:4:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-2: 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

1.4.13. 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

1.4.14. 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

1.4.15. 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



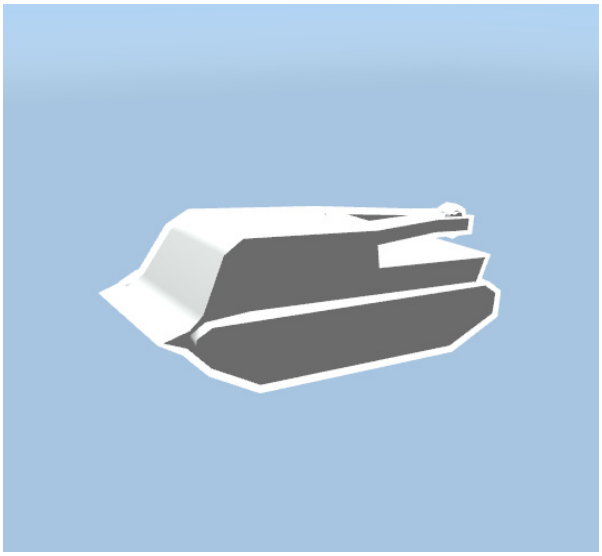
- 1:1:1:71:4:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



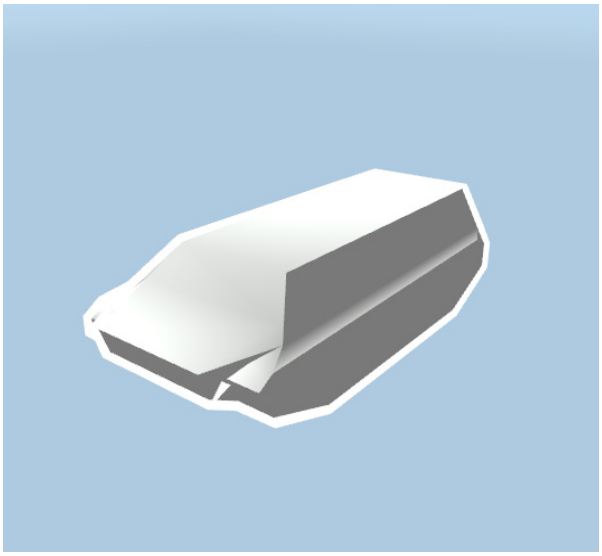
- 1:1:1:222:28:13:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: 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



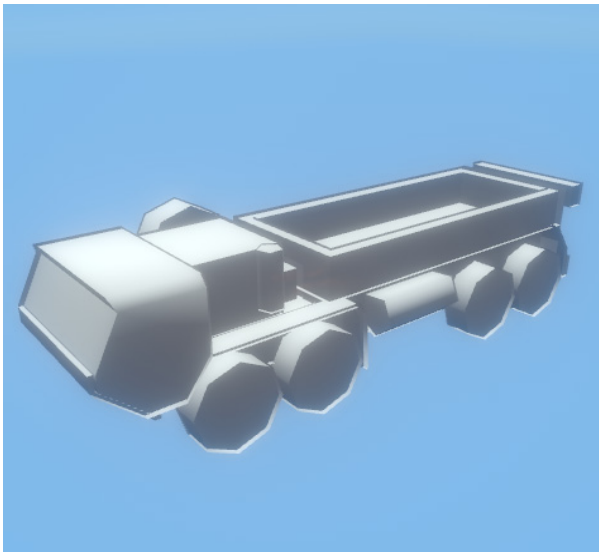
- 1:1:1:224:12:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: 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: 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

1.4.21. 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:
  - 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. 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

1.4.23. 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

1.4.24. 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

1.4.25. 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

1.4.26. 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

1.4.27. 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

1.4.28. 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

1.4.29. Aircraft Tow Tractor 1



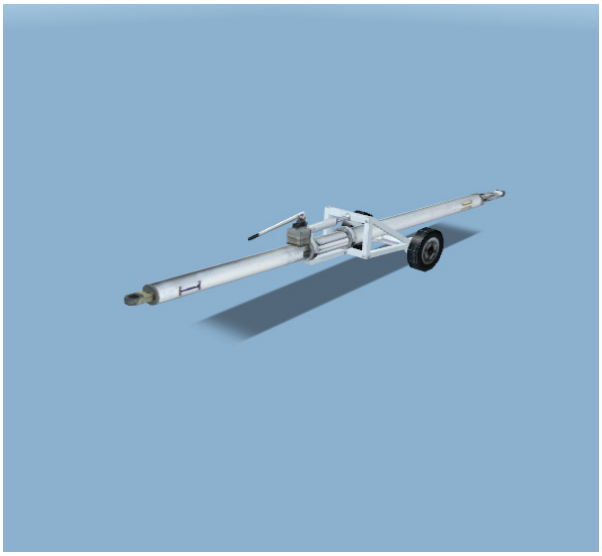
- 1:1:1:225:83:30:0:6
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.4.30. 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

1.4.31. 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

1.4.32. Airport Bus



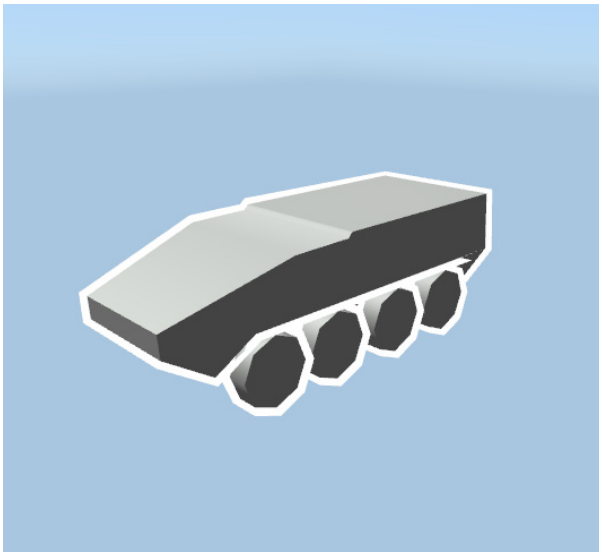
- 1:1:1:225:82:17:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.4.33. Ambulance



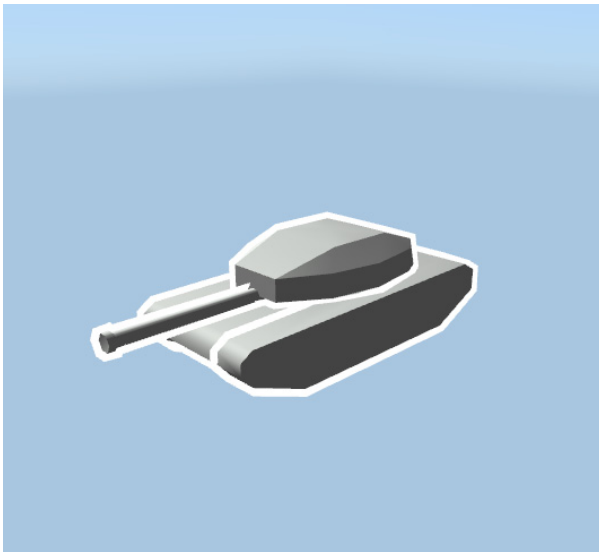
- 1:1:1:225:84:1:1:3
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.4.34. Aravis MRAP



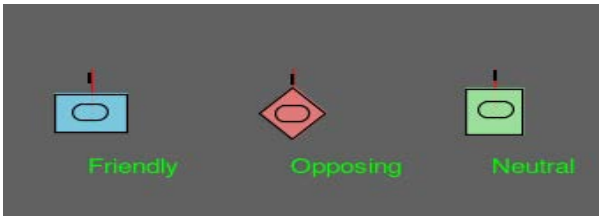
- 1:1:1:71:3:4:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.35. Arjun MBT



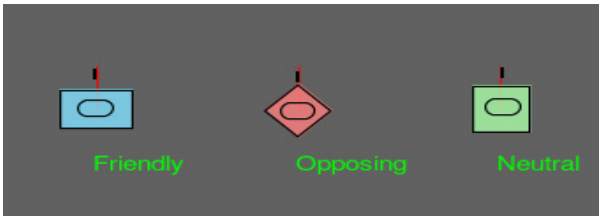
- 1:1:1:99:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: 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

1.4.36. Armor Co (CIS)



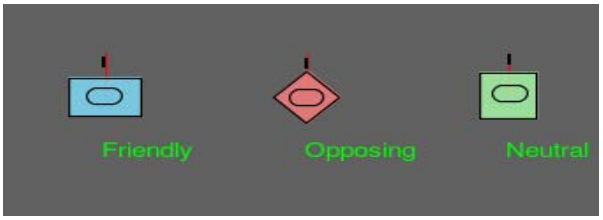
- 3:11:1:222:5:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor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

1.4.37. Armor Co (US)



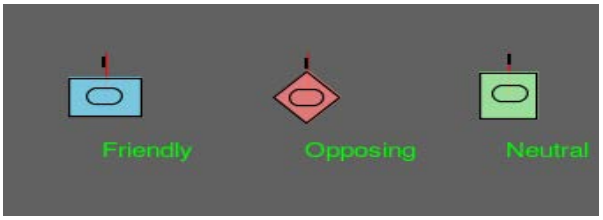
- 3:11:1:225:5:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor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

1.4.38. Armor Co HQ (CIS)



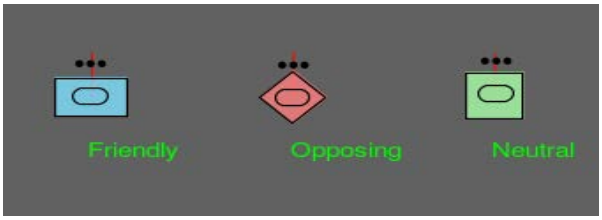
- 3:11:1:222:5:20:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.39. Armor Co HQ (US)



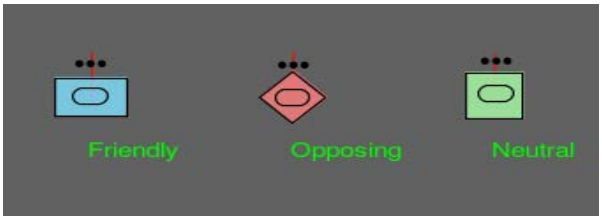
- 3:11:1:225:5:20:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.40. Armor Plt (CIS)



- 3:11:1:222:3:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - 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

1.4.41. Armor Plt (US)



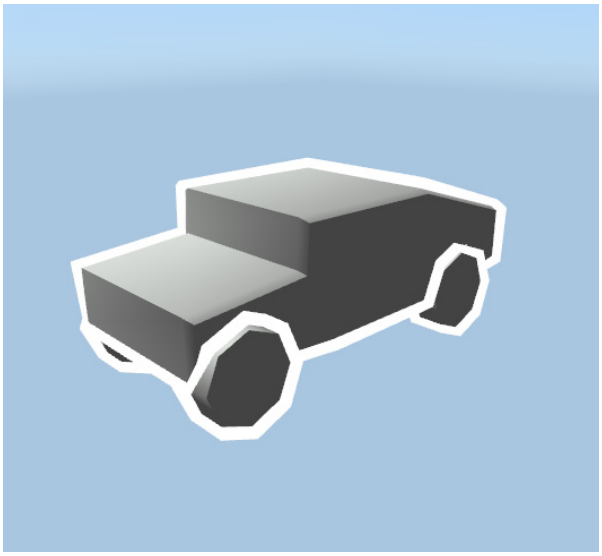
- 3:11:1:225:3:2:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
- Sensor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

1.4.42. 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

1.4.43. Auverland A4 AVL



- 1:1:1:71:3:3:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 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

1.4.44. 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

1.4.45. 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: 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: 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



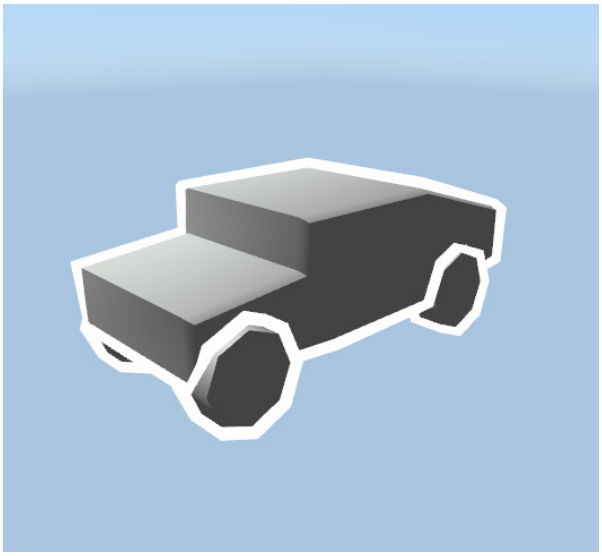
- 1:1:1:222:2:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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



- 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
- 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-2: 30mm-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

1.4.51. BV206 SUSV



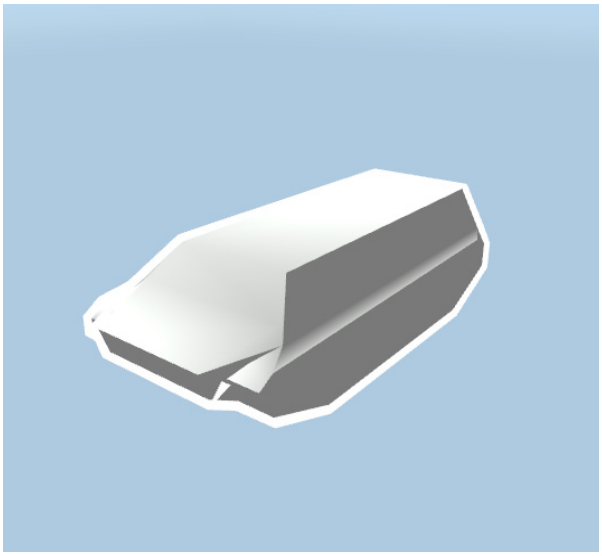
- 1:1:1:205:8:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.21111111111 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: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

1.4.52. Badger AEV



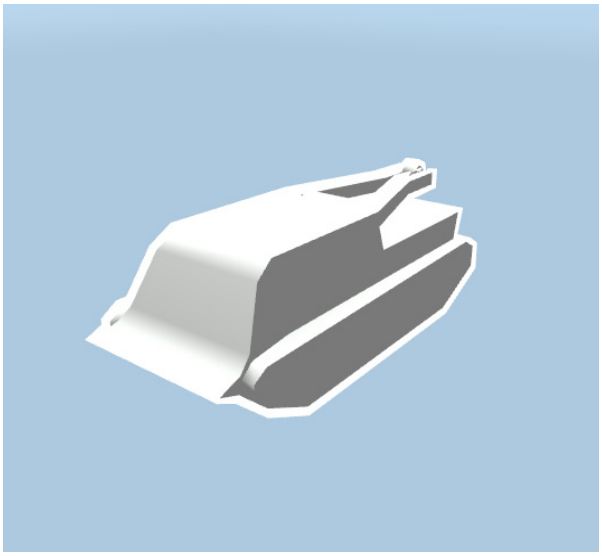
- 1:1:1:78:3:15:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: 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



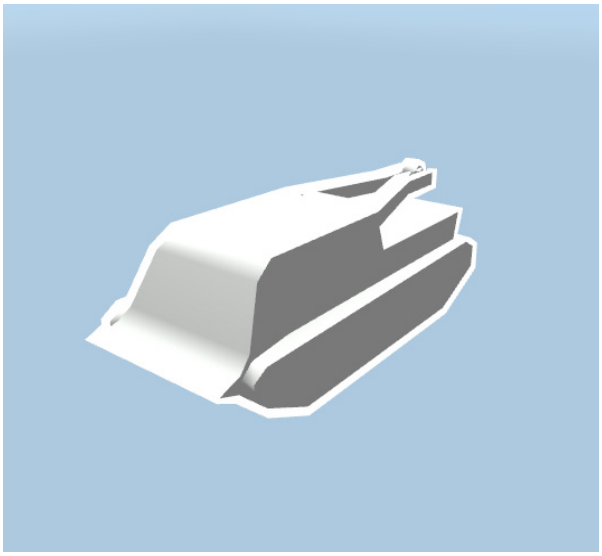
- 1:1:1:205:9:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: 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



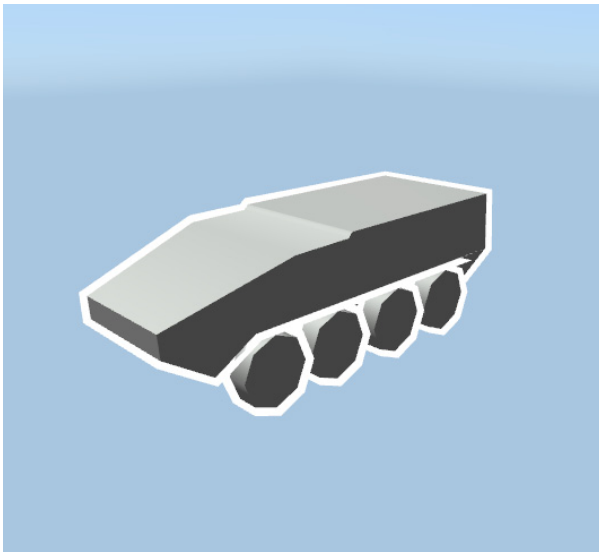
- 1:1:1:78:3:16:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: 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:
  - 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

1.4.57. 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



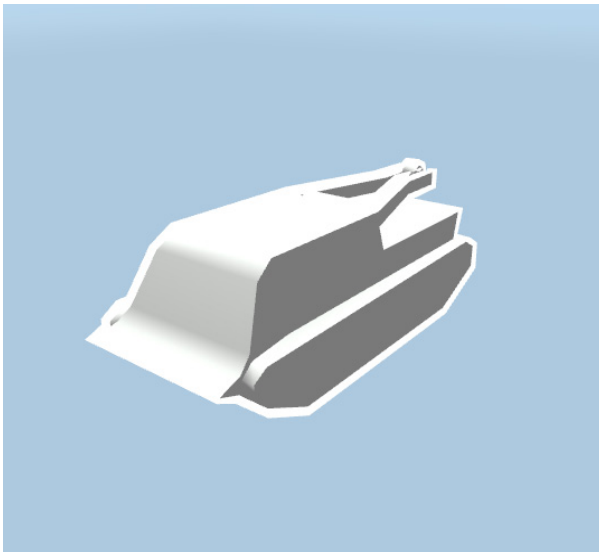
- 1:1:1:225:81:70:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.4.59. Buffalo 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

1.4.60. Buffel 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
  - 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

1.4.61. 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



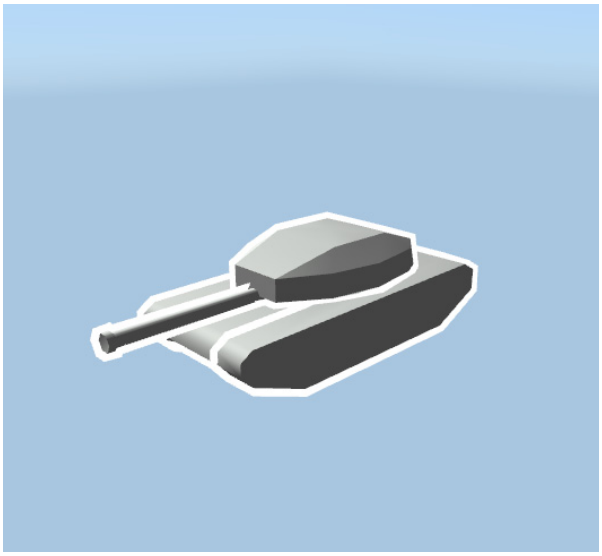
- 1:1:1:225:82:0:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: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



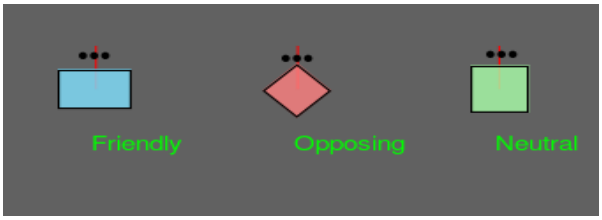
- 1:1:1:106:1:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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



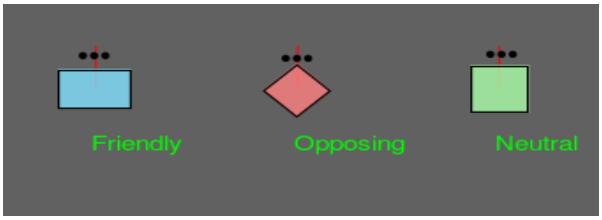
- 1:1:1:71:4:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 27.777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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. CSS Plt (CIS)



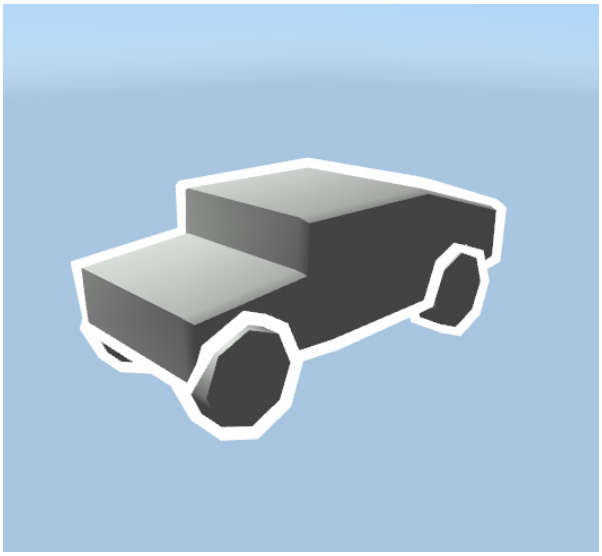
- 3:11:1:222:3:31:0:0
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: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

1.4.67. CSS Plt (US)



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

1.4.68. CUCV II



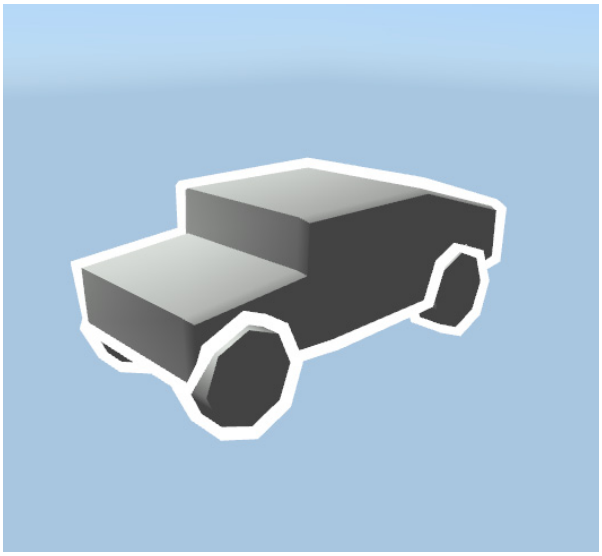
- 1:1:1:225:6:13:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 37.5 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.69. 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

1.4.70. 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-gener-ator.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

1.4.71. Car Bomb



- 1:1:1:225:27:0:0:1
- 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
  - 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

1.4.72. 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

1.4.73. Chevrolet Caprice



- 1:1:1:225:81:43:1:0
- 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
  - 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

1.4.74. Civilian Vehicle



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

1.4.75. 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

1.4.76. Commercial Medium Truck



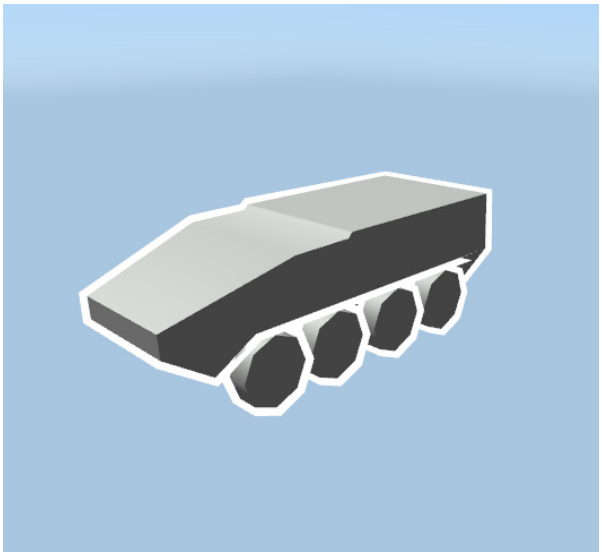
- 1:1:1:225:81:70:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: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

1.4.77. Cougar FSV



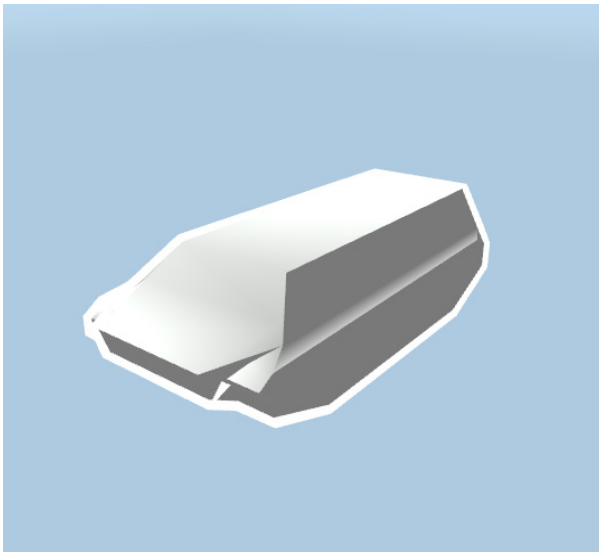
- 1:1:1:39:2:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.78. Coyote APC



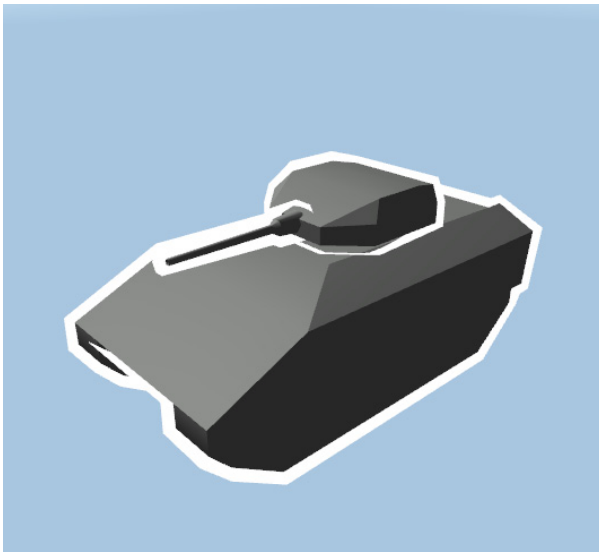
- 1:1:1:39:2:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - 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

1.4.79. 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

1.4.80. 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

1.4.81. EE-9 Cascavel



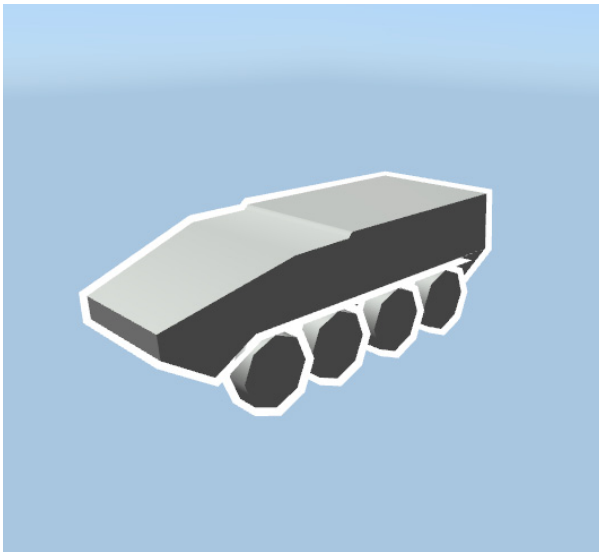
- 1:1:1:29:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.82. EPP-III Patriot Power Generator



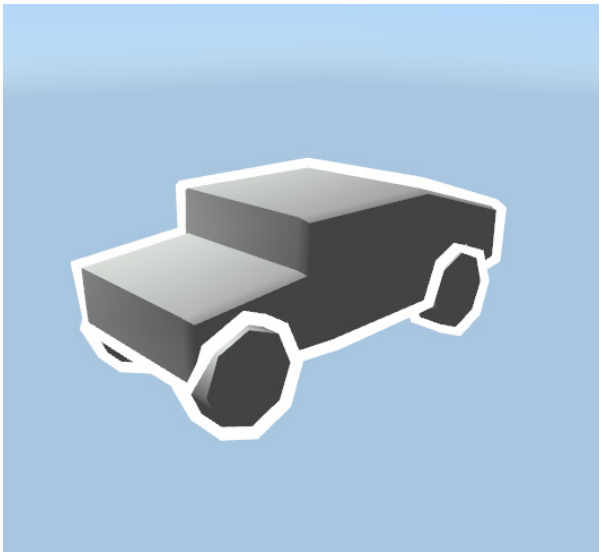
- 1:1:1:225:28:2:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.83. 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

1.4.84. ESK Mungo



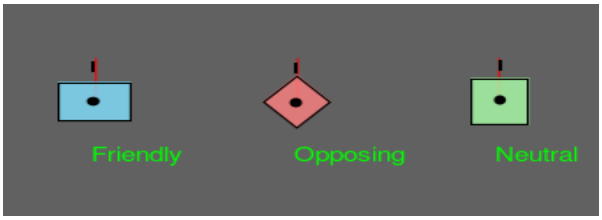
- 1:1:1:78:3:14:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.85. Economy Compact Size Sedan



- 1:1:1:78:81:43:1:0
- 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
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 4
  - visual-signature: 4

1.4.86. FA Battery (US)



- 3:11:1:225:4:7:0:0
- Maximum speed: 15.27777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.87. 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:
  - 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

1.4.88. 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

1.4.89. 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

1.4.90. FV4030/4 Challenger MBT



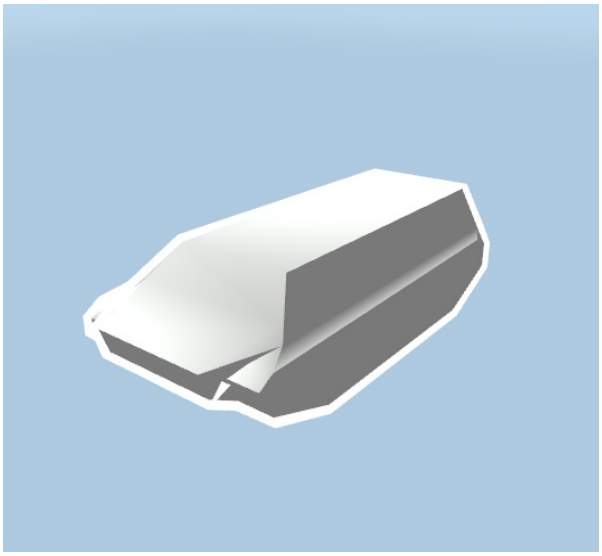
- 1:1:1:224:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.91. 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

1.4.92. 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

1.4.93. 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

1.4.94. 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

1.4.95. 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

1.4.96. 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

1.4.97. Food Truck



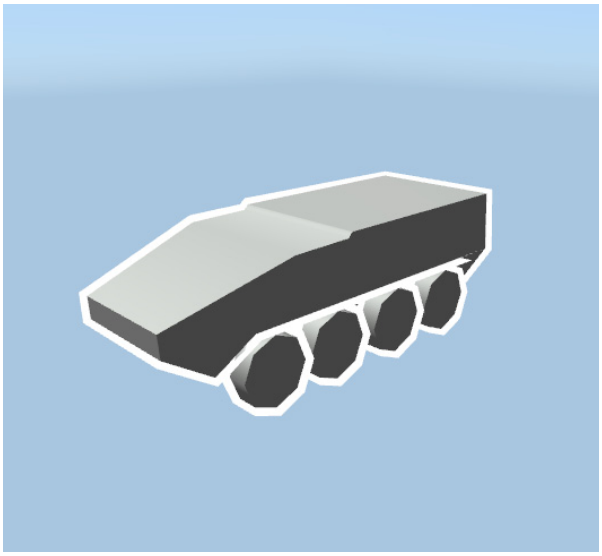
- 1:1:1:225:83:0:0:48
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.98. Ford Aircraft Oil Truck



- 1:1:1:225:27:0:0:35
- 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

1.4.99. 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

1.4.100. Fuchs APC



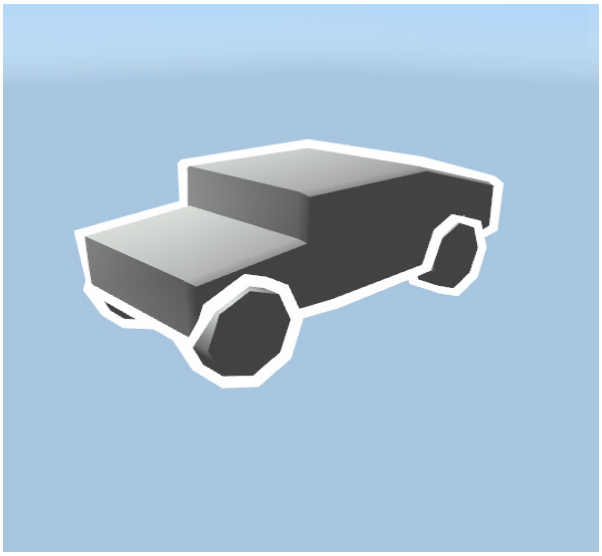
- 1:1:1:78:3:8:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.16666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.101. 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

1.4.102. 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

1.4.103. GAZ-2975 Tigr-M



- 1:1:1:222:6:0:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 34.72222222222 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-road.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: tdl-ground-message-generator.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: 4

1.4.104. GAZ-66 Truck



- 1:1:1:222:7:8:0:0
- 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
  - 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

1.4.105. 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

1.4.106. GTK Boxer APC



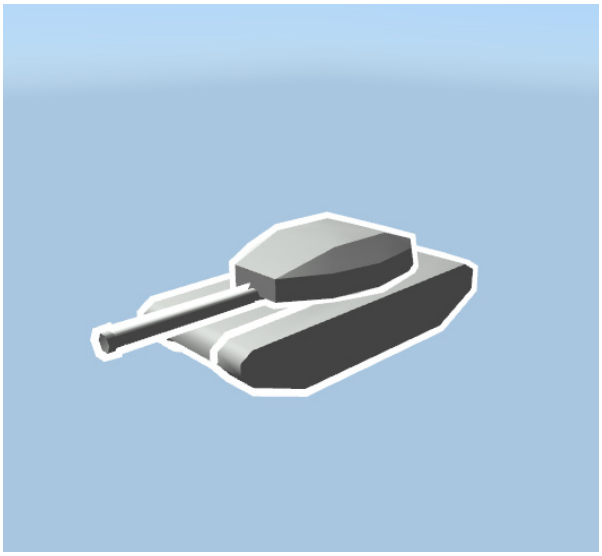
- 1:1:1:78:3:10:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.107. GTK Boxer CRV



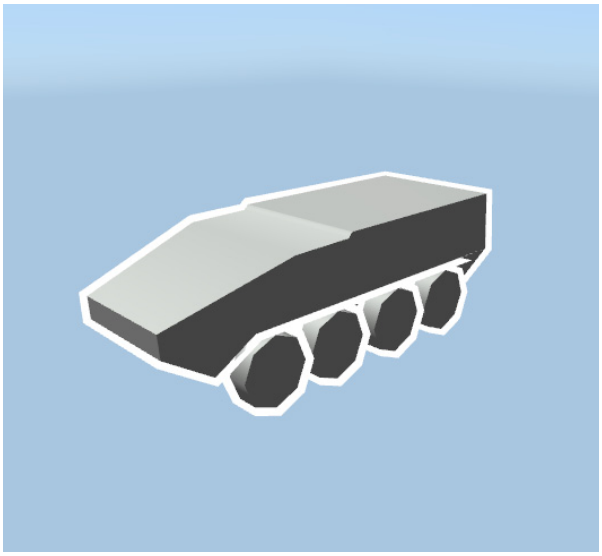
- 1:1:1:78:3:10:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.61111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.108. 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

1.4.109. 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

1.4.110. HMMWV with Avenger



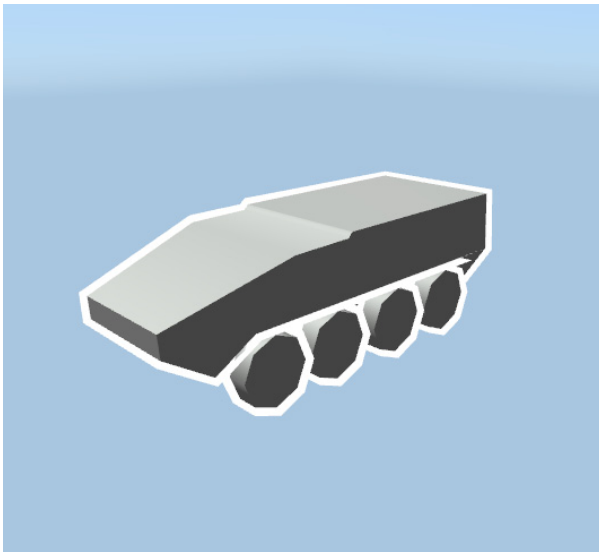
- 1:1:1:225:28:5:4:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.111. 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

1.4.112. 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

1.4.113. 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

1.4.114. 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

1.4.115. 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

1.4.116. 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

1.4.117. 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

1.4.118. IED Exposed Ordinance



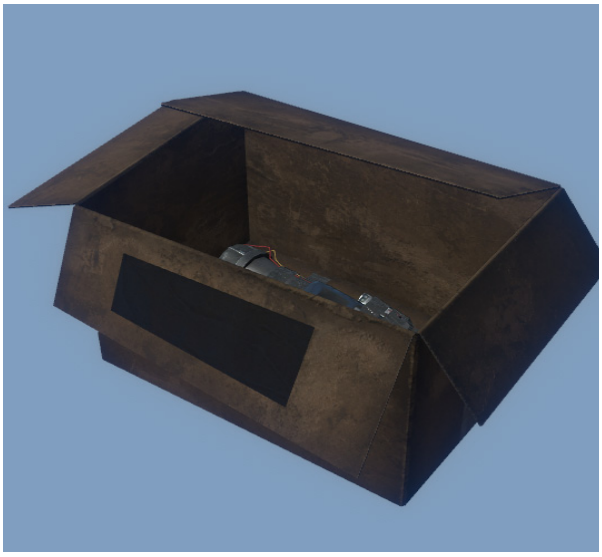
- 1:2:8:0:3:3:10:15
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.119. 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

1.4.120. IED Pile of Boxes Single



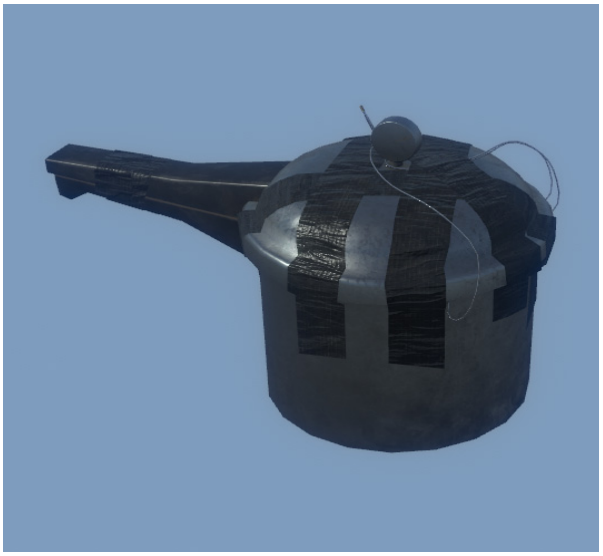
- 1:2:8:0:3:3:10:4
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.121. 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

1.4.122. IED Pressure Cooker Silver



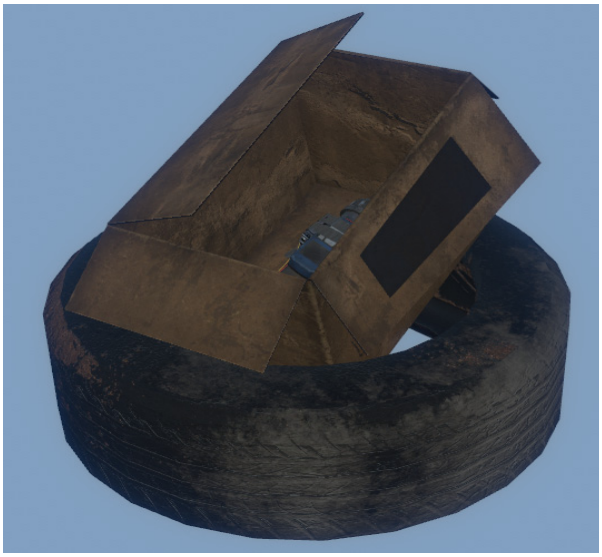
- 1:2:8:0:3:3:10:17
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.123. 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

1.4.124. IED Tire Pile Box



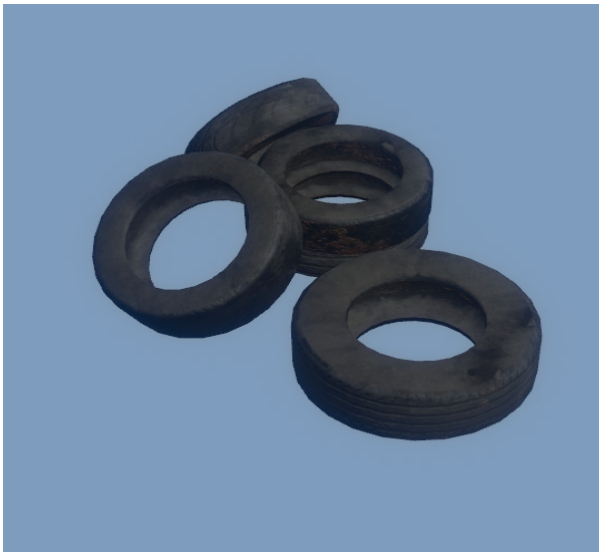
- 1:2:8:0:3:3:10:14
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.125. 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

1.4.126. IED Tire Pile Medium



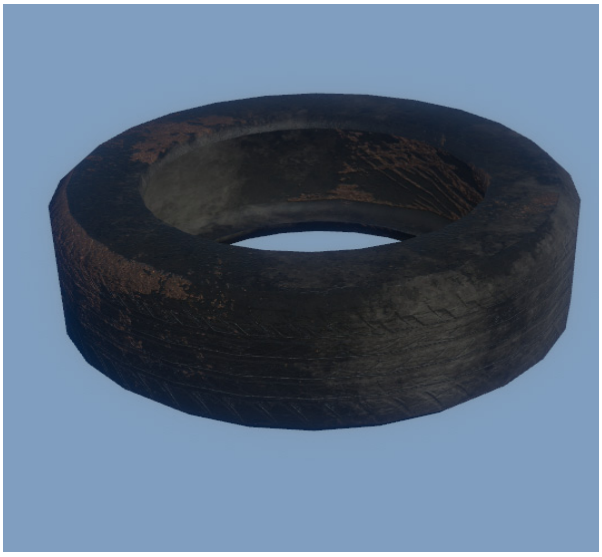
- 1:2:8:0:3:3:10:10
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.127. 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

1.4.128. 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

1.4.129. 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

1.4.130. 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

1.4.131. 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

1.4.132. 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

1.4.133. 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

1.4.134. IED Trash Pile Small



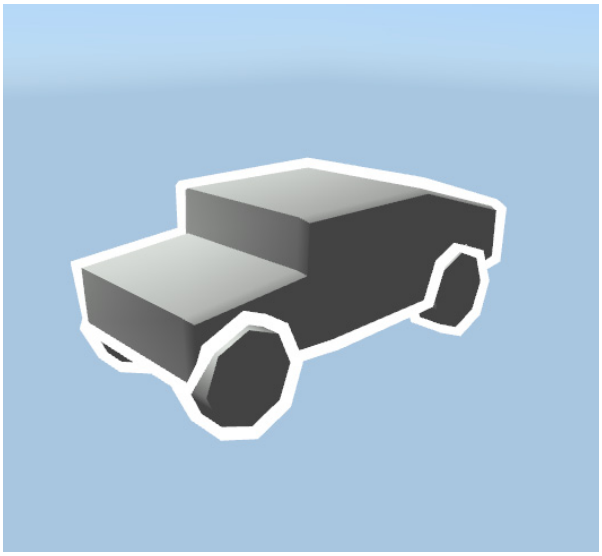
- 1:2:8:0:3:3:10:1
- Can embark: True
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - weapon: explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0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

1.4.135. 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

1.4.136. Jackal MWMIK



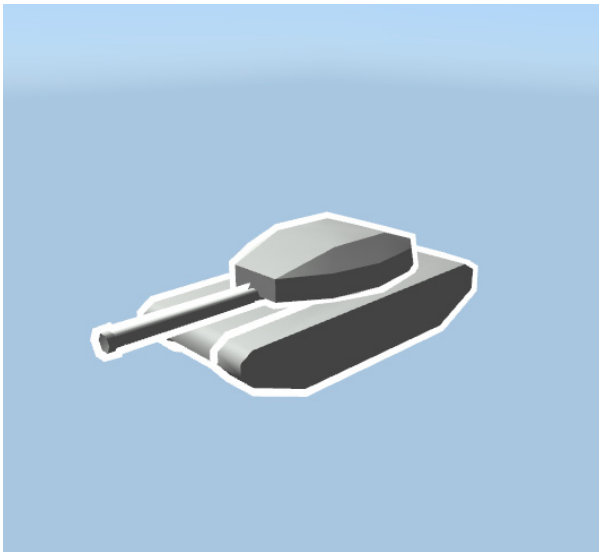
- 1:1:1:224:6:4:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 36.32222222222 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: 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: 2

1.4.137. Jingle Truck



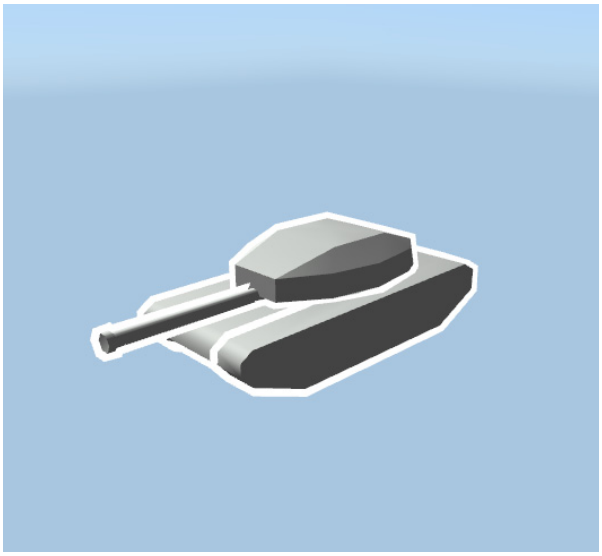
- 1:1:1:165:83:0:0:54
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.138. K1A1 MBT



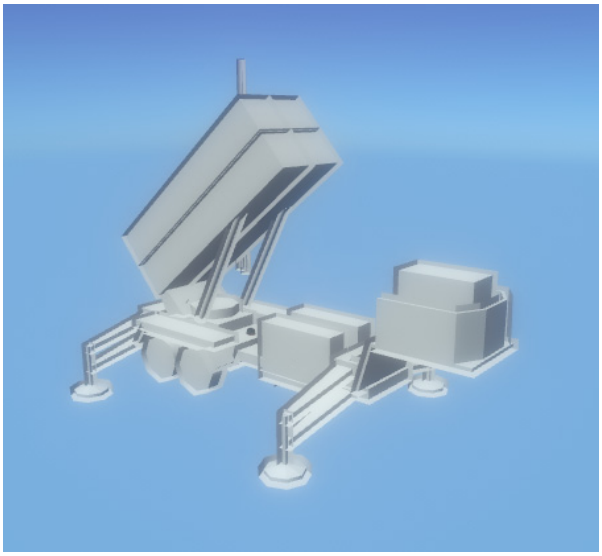
- 1:1:1:1205:1:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.4.139. 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

1.4.140. 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

1.4.141. 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

1.4.142. 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

1.4.143. 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

1.4.144. 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

1.4.145. 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

1.4.146. 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

1.4.147. 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

1.4.148. 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

1.4.149. LAV-M (Mortar)



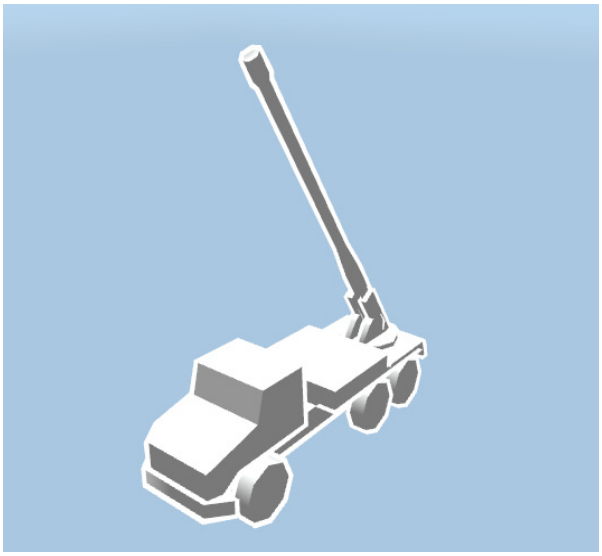
- 1:1:1:225:2:41:5:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.150. LAV-R (Recovery)



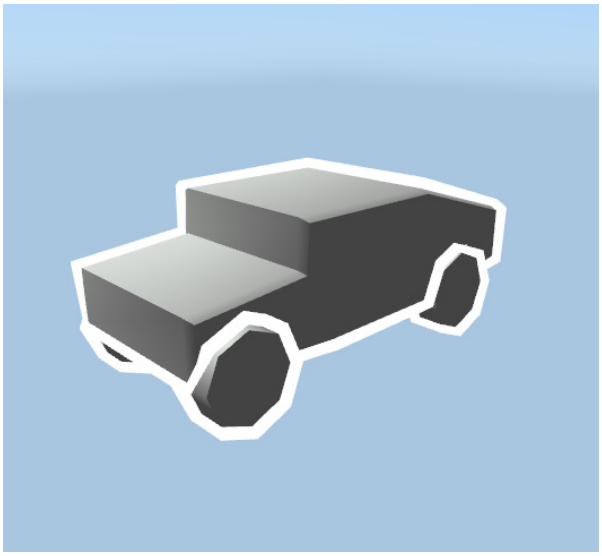
- 1:1:1:225:2:41:6:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.151. 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

1.4.152. 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

1.4.153. 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

1.4.154. 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

1.4.155. 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

1.4.156. 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

1.4.157. 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

1.4.158. 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

1.4.159. M1028 FMTV Canvas Cargo Truck



- 1:1:1:225:7:12:0:0
- 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-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

1.4.160. M1028 FMTV Cargo Truck w/ trailer



- 1:1:1:225:7:12:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.33333333333 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: 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

1.4.161. 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

1.4.162. 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

1.4.163. 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:
  - 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

1.4.164. 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:
  - 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

1.4.165. 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:
  - 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

1.4.166. 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

1.4.167. 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

1.4.168. M1120 Palletized Loading System (PLS)



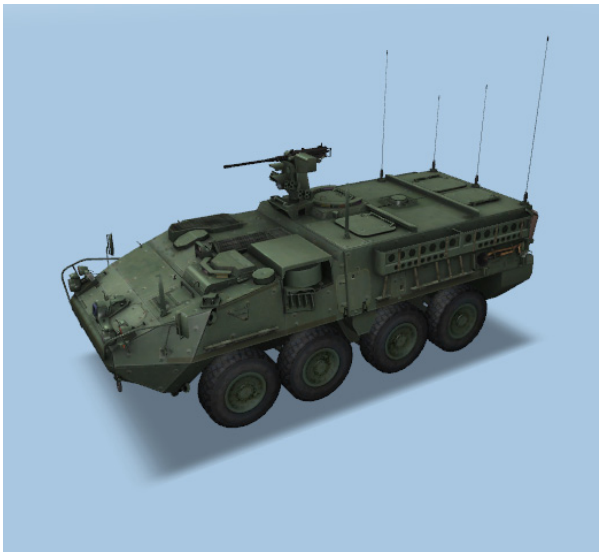
- 1:1:1:225:7:19:14:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.169. 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

1.4.170. 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:
  - 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

1.4.171. M113 APC



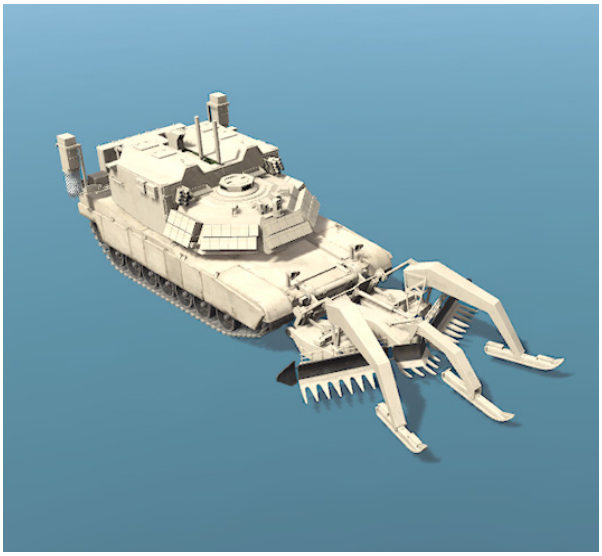
- 1:1:1:225:2:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: crew-suppression-default.sysdef
  - other-4: airdrop-capable.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: 3

1.4.172. M1140 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

1.4.173. 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:
  - 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: 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

1.4.174. M1151 HMMWV ECAC with M240



- 1:1:1:225:6:1:32:4
- 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-2: 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

1.4.175. M1151 HMMWV ECAC with M240B



- 1:1:1:225:6:1:32:5
- 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-2: 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

1.4.176. M1151 HMMWV ECAC with M2



- 1:1:1:225:6:1:32:3
- 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

1.4.177. M1151 HMMWV ECAC with MK 19



- 1:1:1:225:6:1:32:2
- 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: MK-19-automatic-grenade-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.178. 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:
  - 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

1.4.179. 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:
  - 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

1.4.180. 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:
  - 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

1.4.181. M1165A1 HMMWV ECGPV IAP with M240



- 1:1:1:225:6:1:34:3
- 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: 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

1.4.182. M1165A1 HMMWV ECGPV IAP with M240B



- 1:1:1:225:6:1:34:4
- 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: 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

1.4.183. M1165A1 HMMWV ECGPV IAP with M2



- 1:1:1:225:6:1:34:2
- 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

1.4.184. M1165A1 HMMWV ECGPV IAP with MK 19



- 1:1:1:225:6:1:34:1
- 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
  - weapon: MK-19-automatic-grenade-launcher.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.185. M1165A1 HMMWV ECGPV IAP



- 1:1:1:225:6:1:34:0
- 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
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.186. 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

1.4.187. M142 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

1.4.188. 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

1.4.189. 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

1.4.190. 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

1.4.191. 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

1.4.192. M1A1 SA Abrams Mineplow



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

1.4.193. M1A1 SA Abrams Mineroller



- 1:1:1:225:1:1:13:1
- 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-5: articulated-mineroller.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

1.4.194. M1A1 SA Abrams



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

1.4.195. 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:
  - 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

1.4.196. M1A2 SEP Abrams



- 1:1:1:225:1:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - 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

1.4.197. M1A2 SEP V2 Abrams Mineplow



- 1:1:1:225:1:1:15:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 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-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

1.4.198. M1A2 SEP V2 Abrams Mineroller



- 1:1:1:225:1:1:15:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 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-4: crew-suppression-default.sysdef
  - other-5: articulated-mineroller.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

1.4.199. M1A2 SEP V2 Abrams



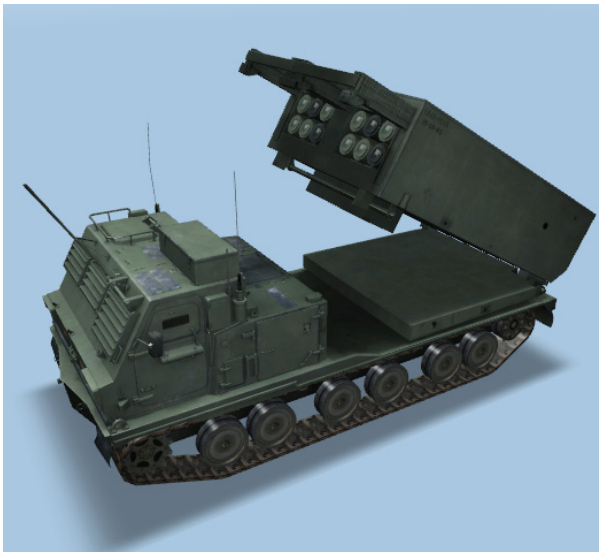
- 1:1:1:225:1:1:15:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.200. M1A2 TUSK Abrams



- 1:1:1:225:1:1:16:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.5 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - 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

1.4.201. 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

1.4.202. 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

1.4.203. 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

1.4.204. 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

1.4.205. M3A2 Bradley CFV



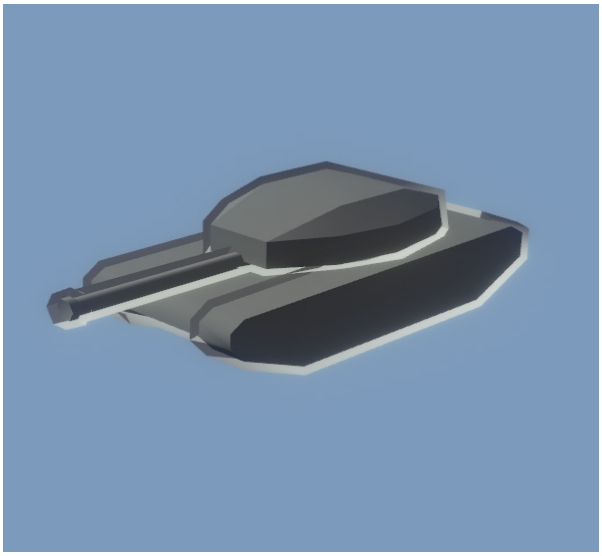
- 1:1:1:225:2:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.33 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - 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

1.4.206. 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:
  - 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

1.4.207. M7 BFIST



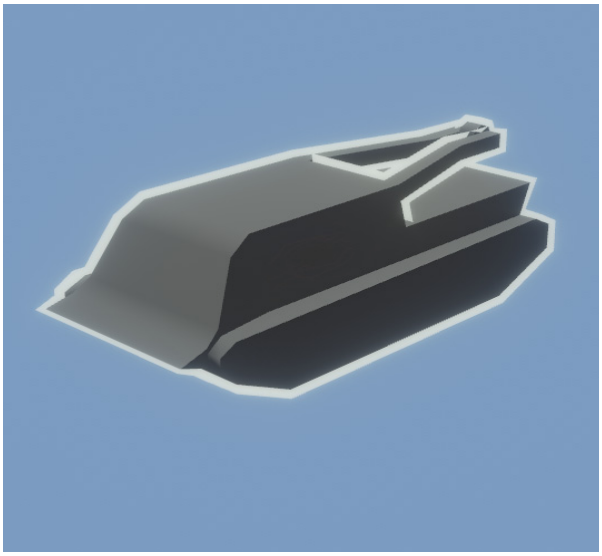
- 1:1:1:225:2:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.208. 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

1.4.209. 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:
  - 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

1.4.210. 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

1.4.211. M915 Tractor Truck w/ Patriot Launcher



- 1:1:1:225:7:8:0:1
- 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-3: articulated-trailer.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: patriot-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

1.4.212. 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

1.4.213. 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

1.4.214. 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

1.4.215. 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

1.4.216. 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

1.4.217. M983 HEMTT w/ Patriot Launcher



- 1:1:1:225:7:19:3:3
- 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-3: articulated-trailer.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: patriot-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

1.4.218. 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

1.4.219. 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

1.4.220. 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

1.4.221. 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:
  - 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

1.4.222. M998 HMMWV Utility Vehicle



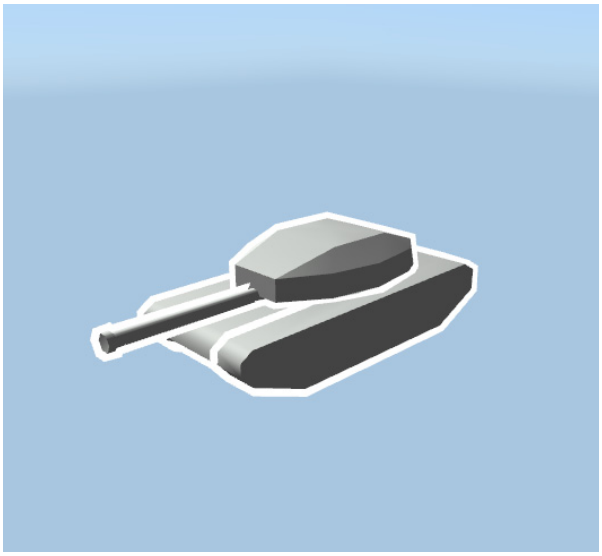
- 1:1:1:225:6:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.223. MAN HX



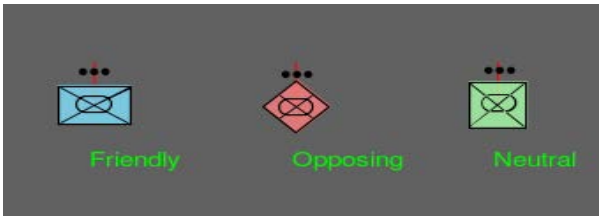
- 1:1:1:78:7:9:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.224. MBT 2000



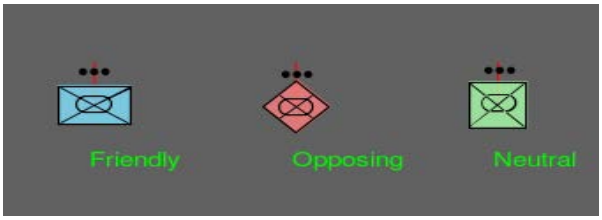
- 1:1:1:165:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 20 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: 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

1.4.225. MI Plt (CIS)



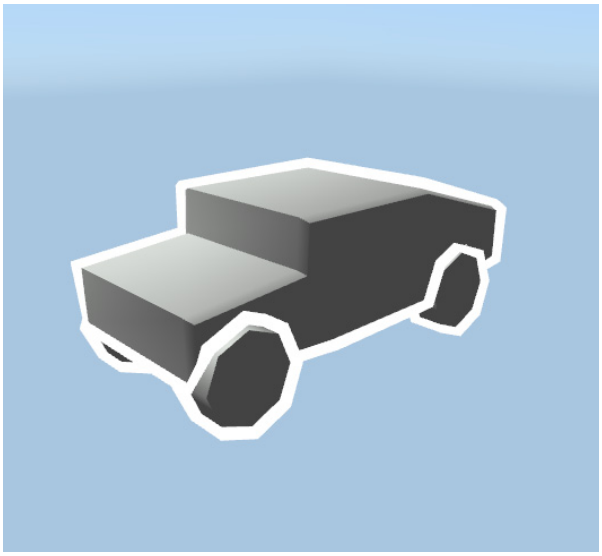
- 3:11:1:222:3:4:0:0
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.226. MI Plt with IFV (US)



- 3:11:1:225:3:4:0:0
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: ground-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.4.227. 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

1.4.228. MIM-104 Patriot Launcher



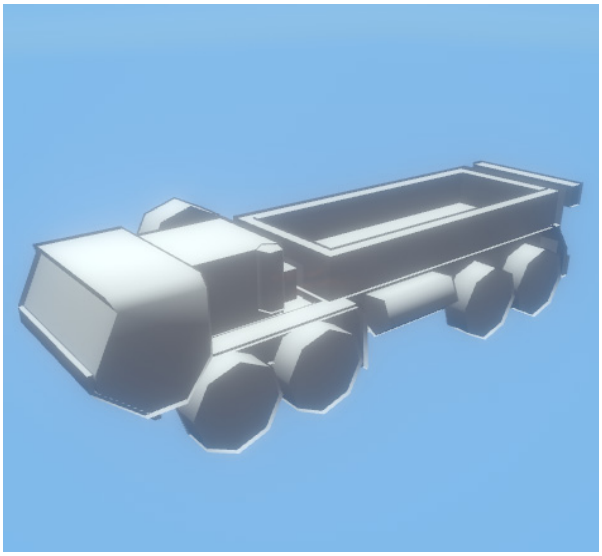
- 1:1:1:225:28:2:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.229. MO-120RT-61 Mortar



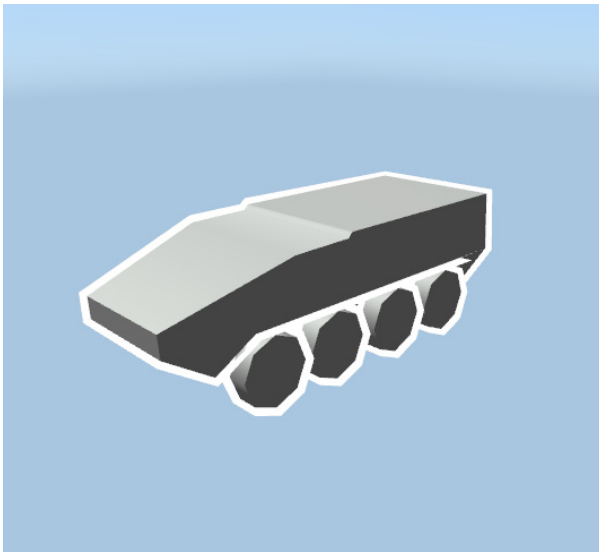
- 1:1:1:71:10:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1 m/s
- Ordered speed: 1 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other: spot-report-generator.sysdef
  - weapon: 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

1.4.230. 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:
  - 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: 2
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 1
  - visual-signature: 1

1.4.231. 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-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: 3.00001

1.4.232. MRAP-ATV



- 1:1:1:225:3:29:1:0
- 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
  - 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

1.4.233. MRAP-CAT I MaxxPro



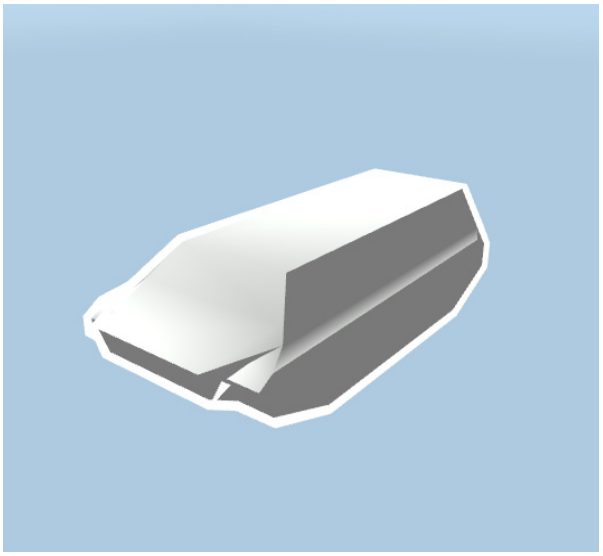
- 1:1:1:225:3:26:2:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.166667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.234. 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

1.4.235. 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

1.4.236. 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: 33.3333333333 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

1.4.237. MZKT-7930 Special Wheeled Chassis



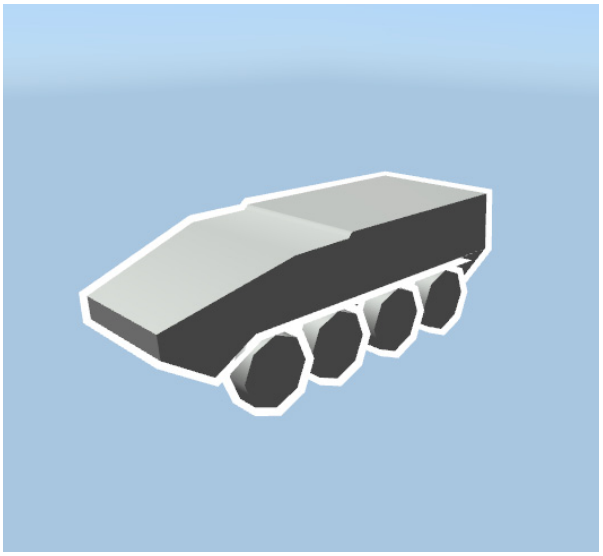
- 1:1:1:222:7:29:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.238. 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

1.4.239. Mamba APC



- 1:1:1:197:2:3:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 28.33333333333 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-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

1.4.240. 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

1.4.241. Merkava IV MBT



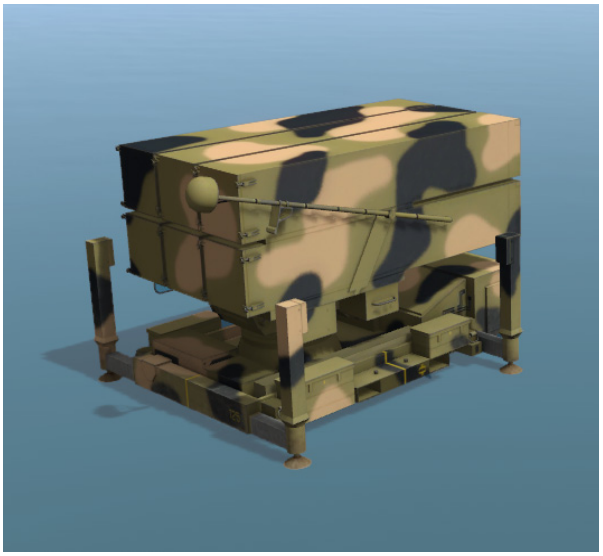
- 1:1:1:105:1:1:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.242. Mid Size Pickup Truck



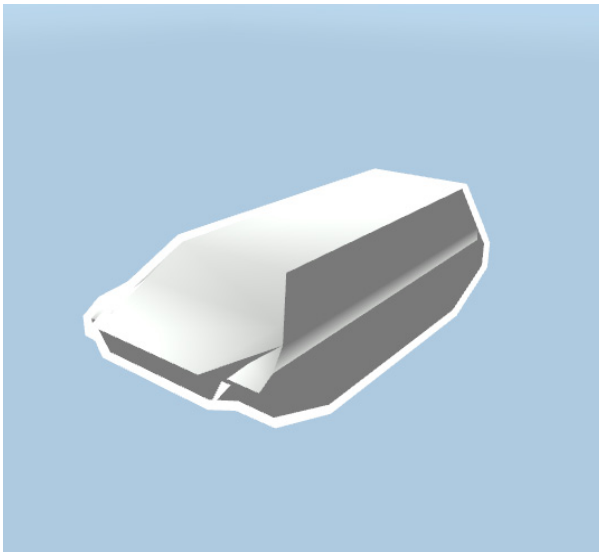
- 1:1:1:225:84:60:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: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

1.4.243. NASAMS 2 Launcher



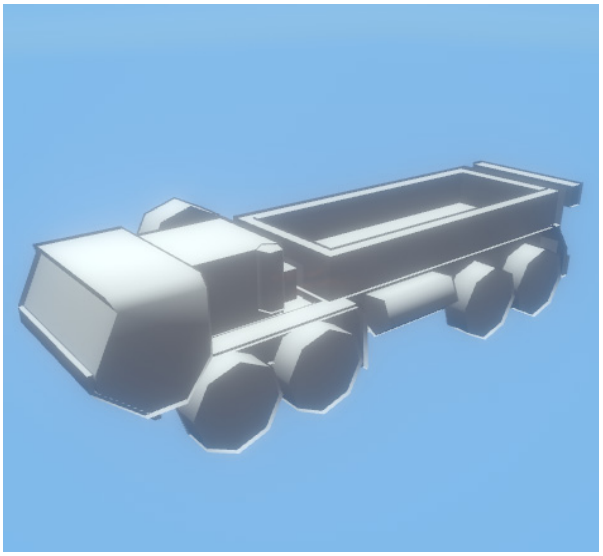
- 1:1:1:163:28:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 29.1 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - weapon: patriot-missile-launcher.sysdef
-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

1.4.244. Namer APC



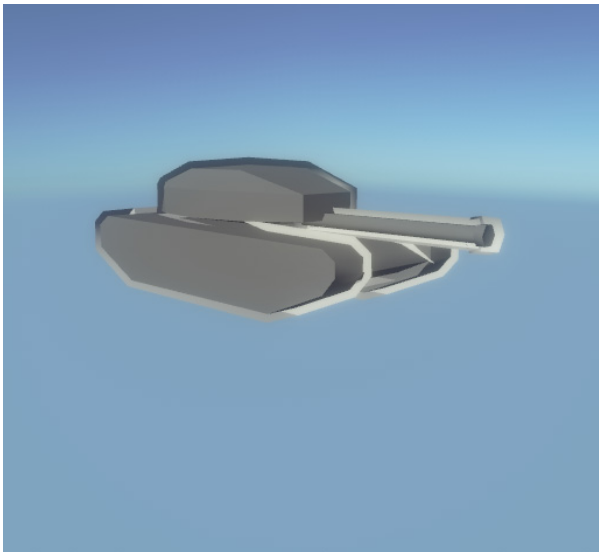
- 1:1:1:105:7:1:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 17.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.245. 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

1.4.246. 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

1.4.247. Off-Road SUV



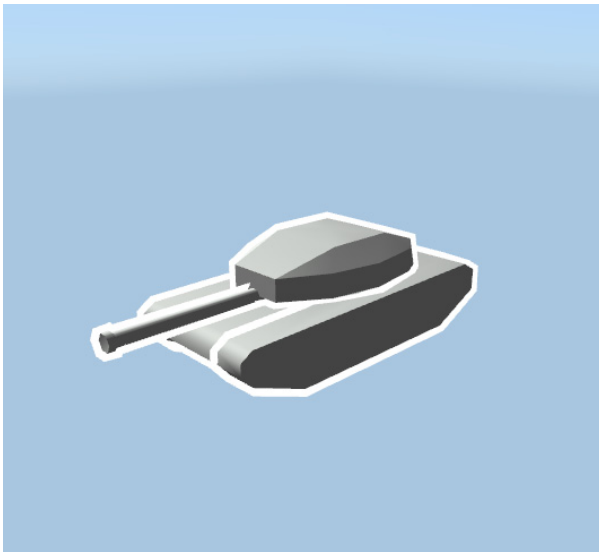
- 1:1:1:224:81:113:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 44.65555555556 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.248. 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-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: 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

1.4.249. PT-91 Twardy MBT



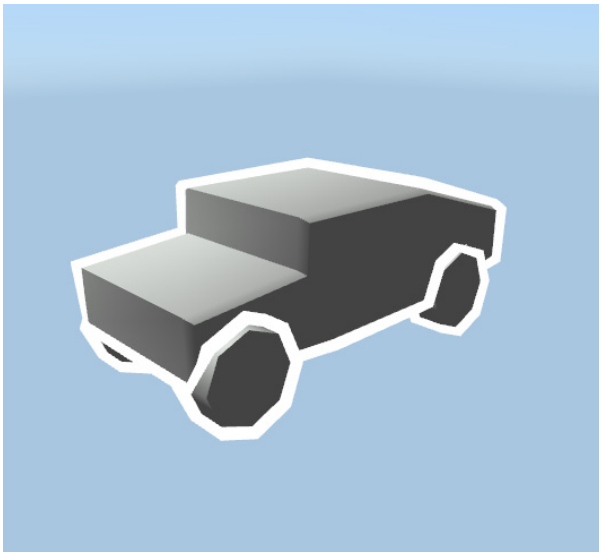
- 1:1:1:175:1:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.4.250. Paddy Wagon



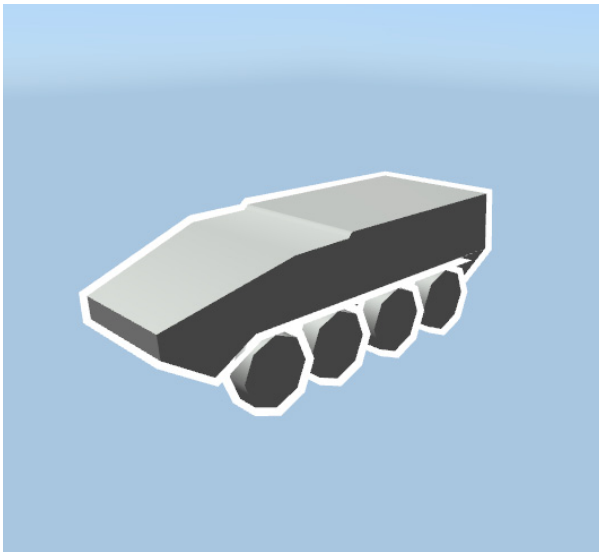
- 1:1:1:225:84:20:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.251. 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

1.4.252. 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

1.4.253. Panther CLV



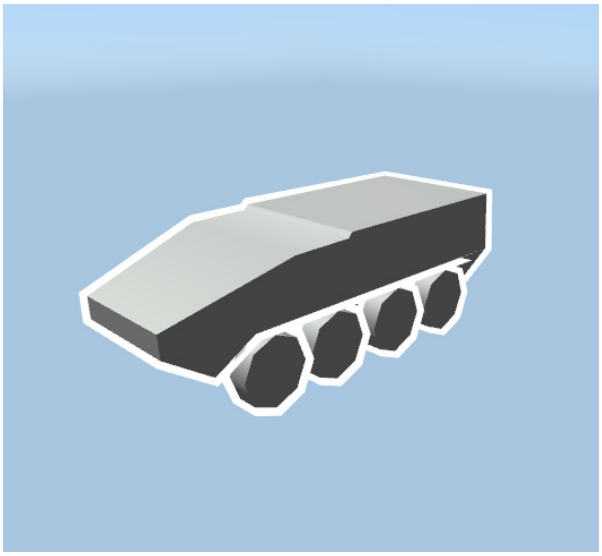
- 1:1:1:224:7:11:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 36.11111111111 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.254. 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

1.4.255. 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

1.4.256. Patriot Engagement Control Sys



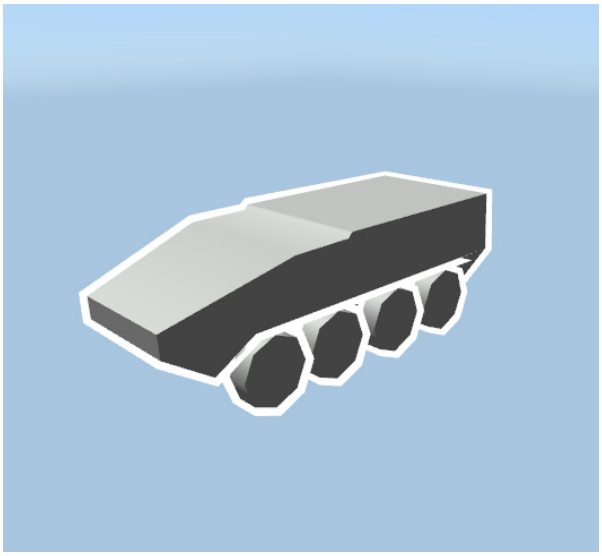
- 1:1:1:225:28:2:2:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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

1.4.257. 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

1.4.258. 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

1.4.259. Police Cruiser (Chevy)



- 1:1:1:225:93:2:5:0
- 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: 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

1.4.260. Police Tactical Van



- 1:1:1:225:27:0:0:56
- 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

1.4.261. 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

1.4.262. 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

1.4.263. RG-31 Nyala



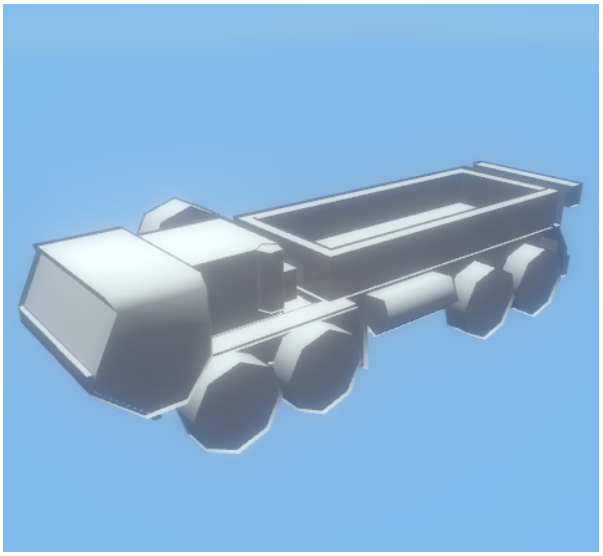
- 1:1:1:197:7:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.264. 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:
  - damage: ground-light-armor.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

1.4.265. 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

1.4.266. 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

1.4.267. 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

1.4.268. 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

1.4.269. 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

1.4.270. 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

1.4.271. 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

1.4.272. 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

1.4.273. 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

1.4.274. 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

1.4.275. 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

1.4.276. 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
  - movement: ground-wheels-off-road.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: tdl-ground-message-generator.sysdef
  - other-4: articulated-trailer.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

1.4.277. 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

1.4.278. 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
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: articulated-trailer.sysdef
  - other: spot-report-generator.sysdef
  - sensor: visual-sensor.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

1.4.279. SA-6 Gainful SAM



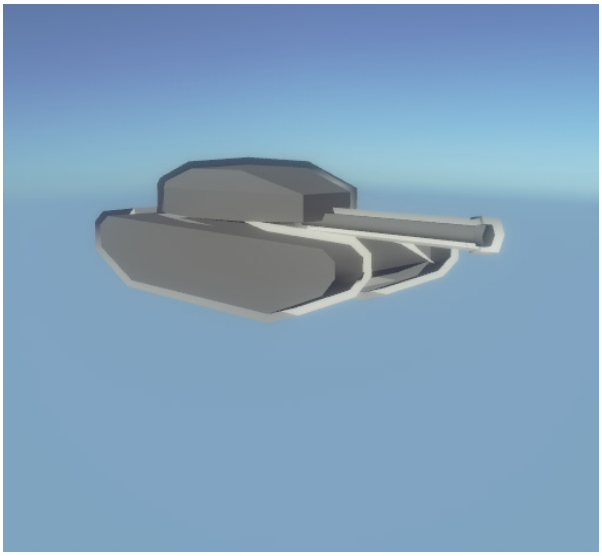
- 1:1:1:222:28:6:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.280. 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

1.4.281. SS-25 Launcher



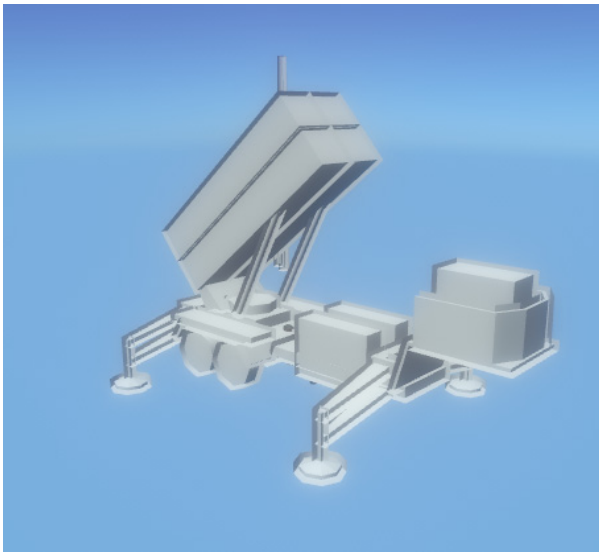
- 1:1:1:222:14:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.282. Safir Military Vehicle



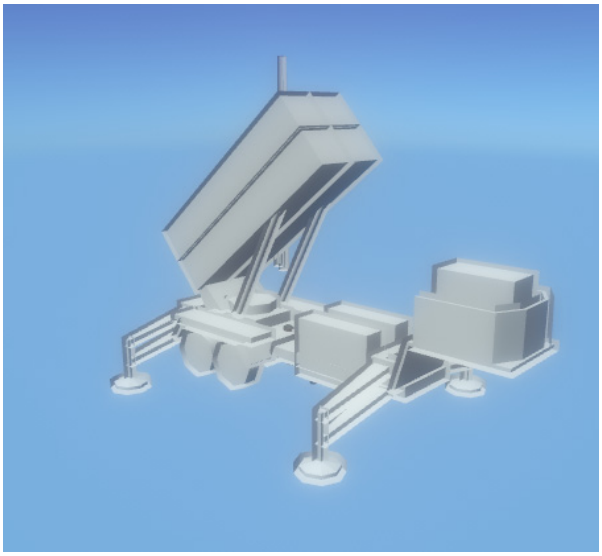
- 1:1:1:101:6:0:0:51
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.3333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0.5
  - visual-signature: 4

1.4.283. Scud Launcher



- 1:1:1:119:4:9:0:0
- 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-2: scud-c-strategic-missile-launcher.sysdef
  - weapon-3: scud-er-strategic-missile-launcher.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

1.4.284. 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

1.4.285. Sport Hatchback Coupe



- 1:1:1:78:81:42:2:1
- 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
  - 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

1.4.286. 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

1.4.287. Standard MidSize Sedan



- 1:1:1:225:81:42:10:0
- 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

1.4.288. 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

1.4.289. 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

1.4.290. 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

1.4.291. 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

1.4.292. 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

1.4.293. T-72 MBT



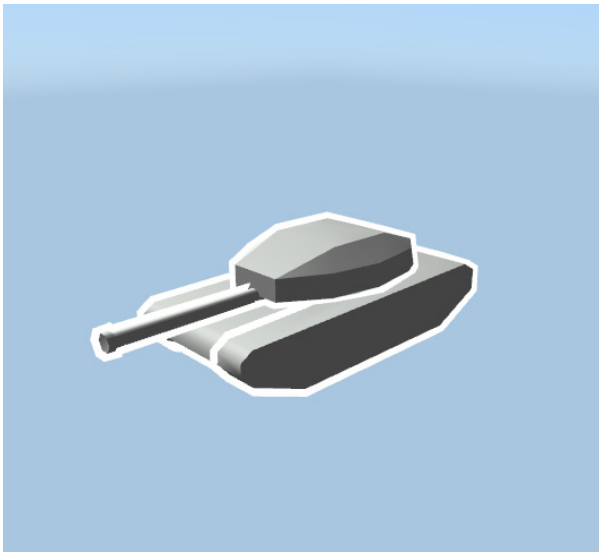
- 1:1:1:222:1:2:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.294. T-80 MBT



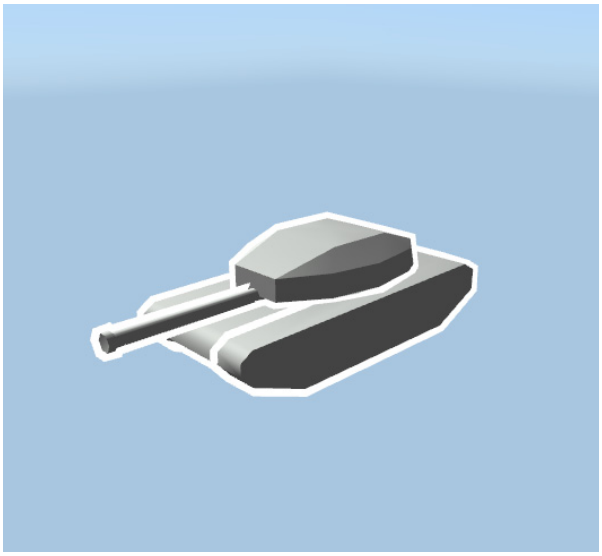
- 1:1:1:222:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.295. 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

1.4.296. T-90A MBT



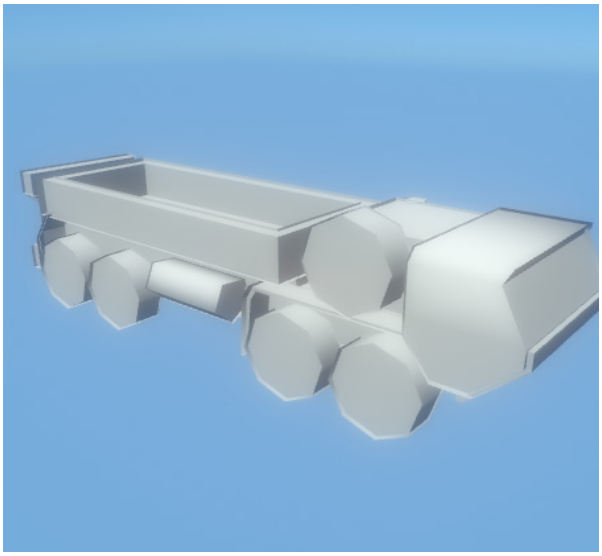
- 1:1:1:222:1:9:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.297. THAAD GB Radar



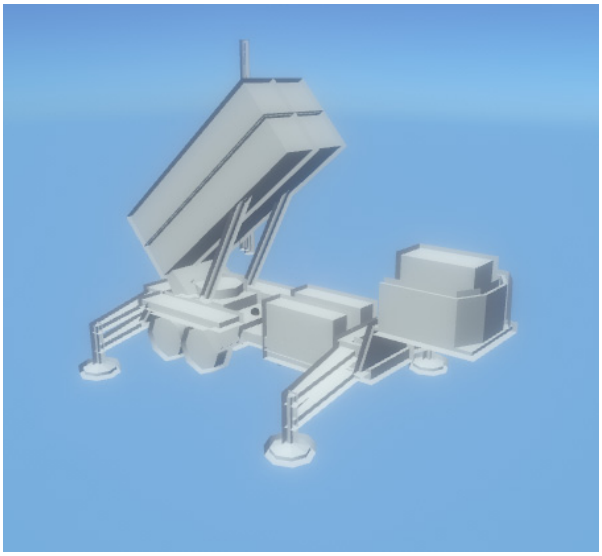
- 1:1:1:225:28:4:2:5
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - sensor-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

1.4.298. 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

1.4.299. THAAD Launcher



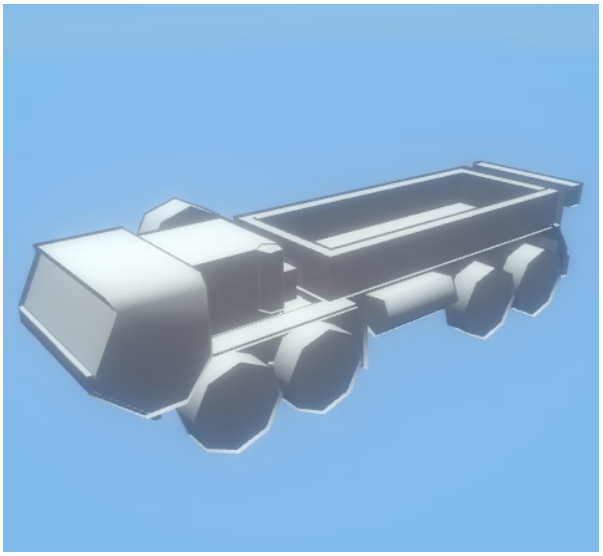
- 1:1:1:225:28:4:3:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 26.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.300. THAAD Power Unit



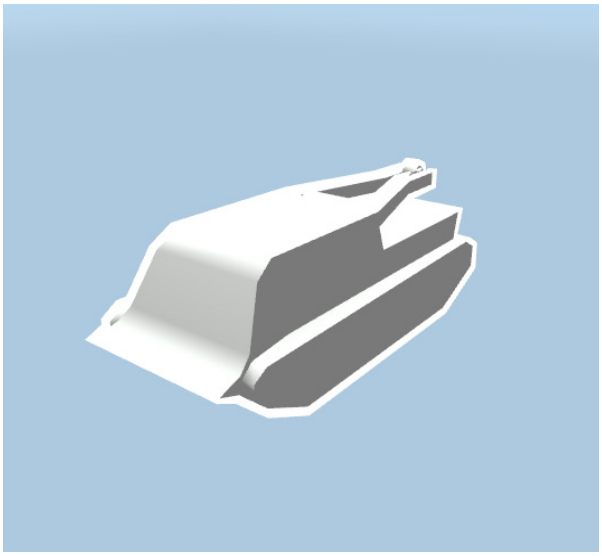
- 1:1:1:225:28:4:8:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 24.4 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.301. 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

1.4.302. 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

1.4.303. Taxicab



- 1:1:1:225:93:5:1:0
- 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
  - 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

1.4.304. 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

1.4.305. Toyata 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

1.4.306. Toyota Pickup



- 1:1:1:110:83:1:1:0
- 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

1.4.307. Tractor Trailer Cab



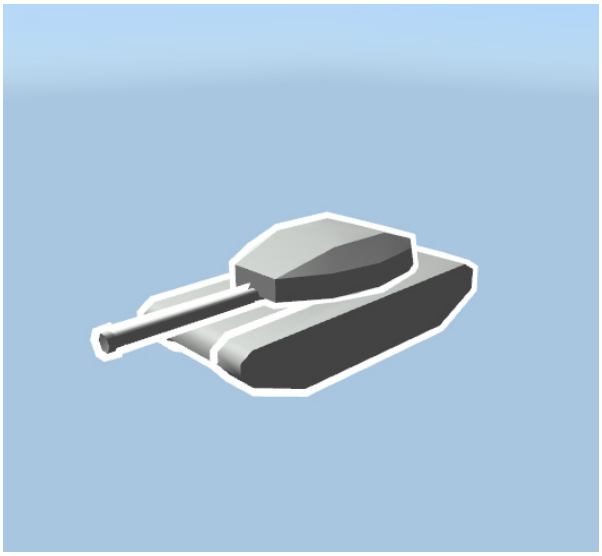
- 1:1:1:225:85:1:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 24.400028 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: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

1.4.308. Tractor Trailer with Cab



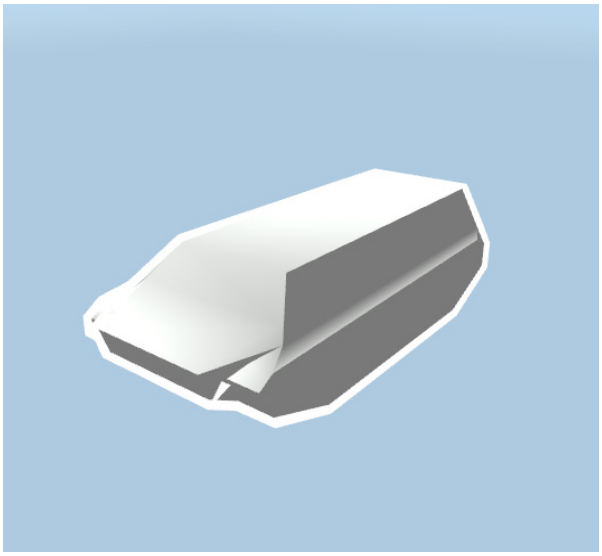
- 1:1:1:225:85:1:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 40.233361 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 6
  - mad-signature: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

1.4.309. Type 10 MBT



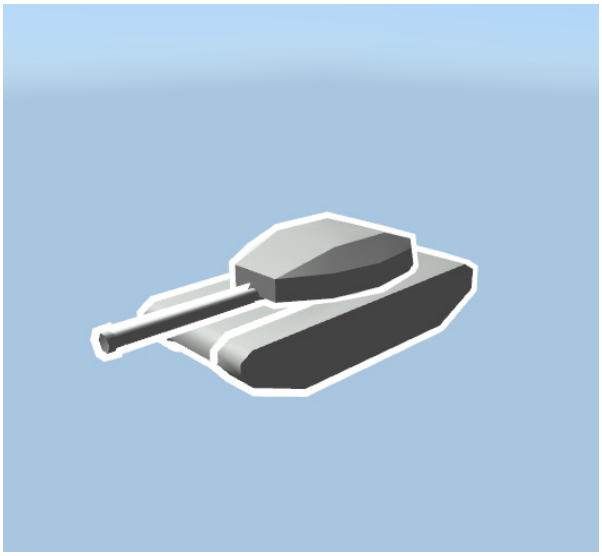
- 1:1:1:110:1:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.4.310. Type 85 (YW 531H) APC



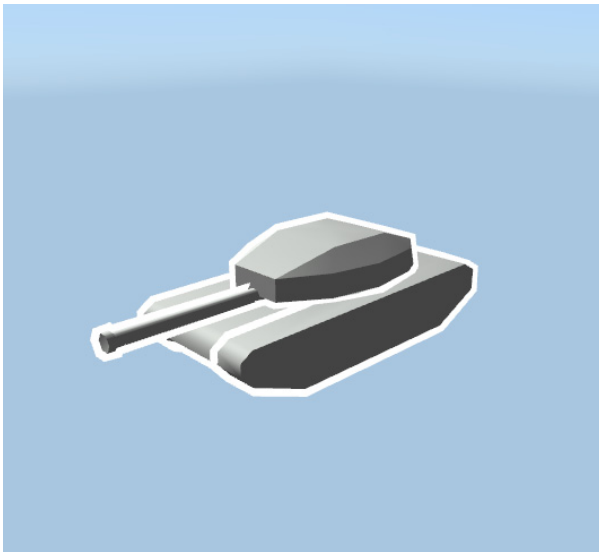
- 1:1:1:45:2:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.311. Type 90 Kyu-maru MBT



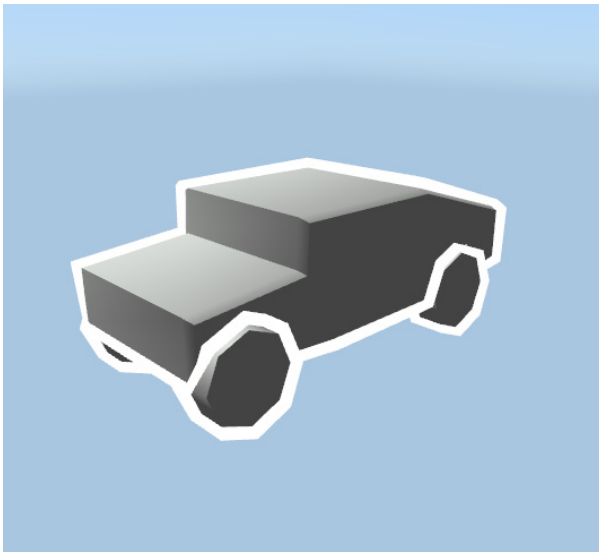
- 1:1:1:110:1:1:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 19.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-heavy-armor.sysdef
  - movement: ground-tracked.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.4.312. 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

1.4.313. 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

1.4.314. 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

1.4.315. 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

1.4.316. VBCI APC



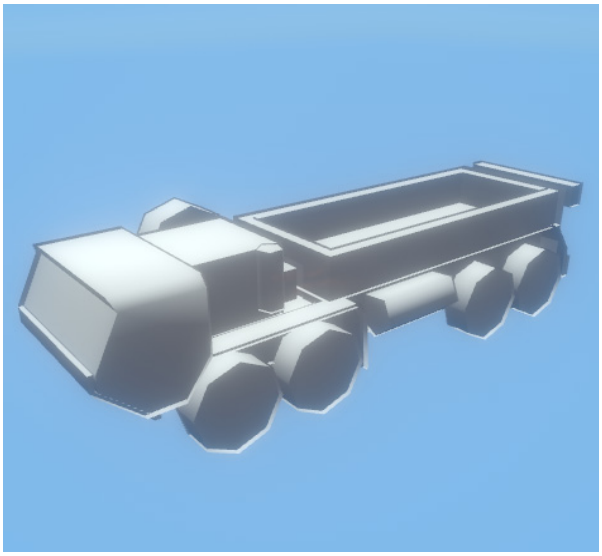
- 1:1:1:71:2:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 27.77777777778 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.317. VBL ATV



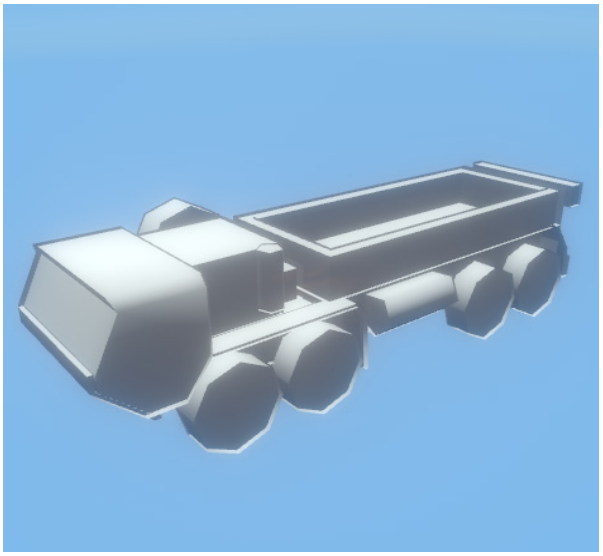
- 1:1:1:71:3:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: 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

1.4.318. VLRA 4x4 Truck



- 1:1:1:71:6:3:1:0
- 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-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

1.4.319. VLRA 6x6 Truck



- 1:1:1:71:6:4:1:1
- 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-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

1.4.320. VM 90 LSVW



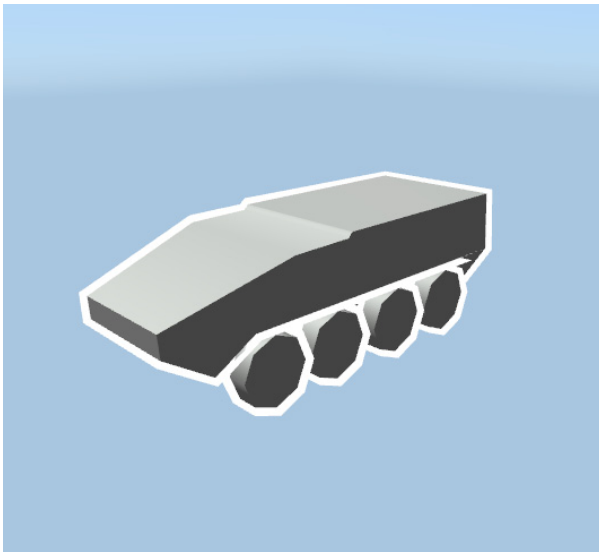
- 1:1:1:39:7:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 30.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.321. Volkswagen Type 2 Microbus



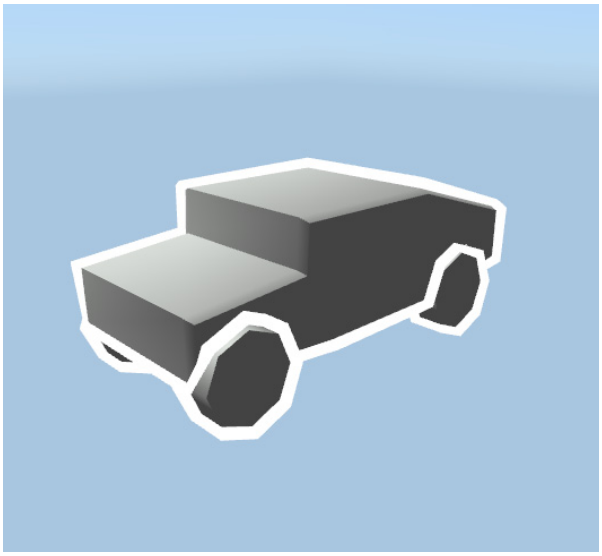
- 1:1:1:78:83:70:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 33.33333333333 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: ground-wheels-road.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 4
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 15
  - visual-signature: 3

1.4.322. WZ551 APC



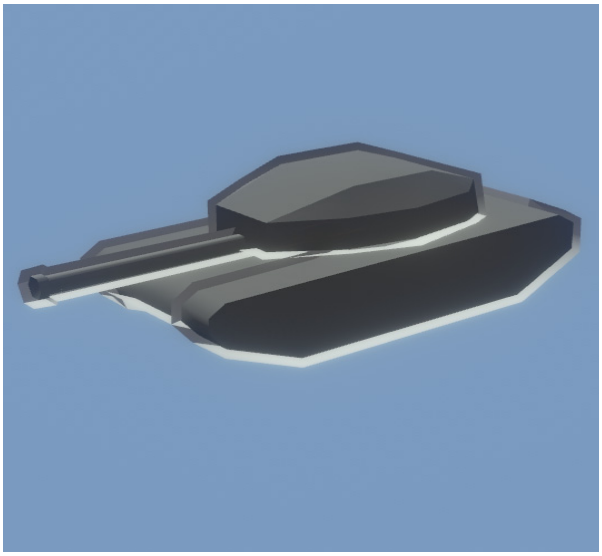
- 1:1:1:45:2:6:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 23.61111111111 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: ground-light-armor.sysdef
  - movement: ground-wheels-off-road.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.4.323. 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

1.4.324. 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

1.4.325. 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

1.4.326. 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

1.4.327. 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

1.5. 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. 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

1.5.6. Border Patrol Agent



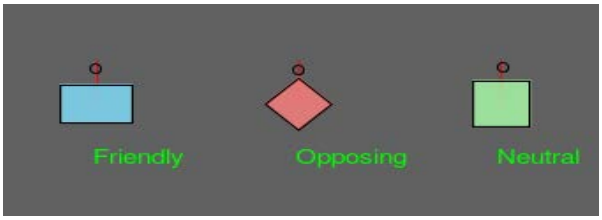
- 1:3:1:225:53:80:0:70
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.7. Brazilian Soldier



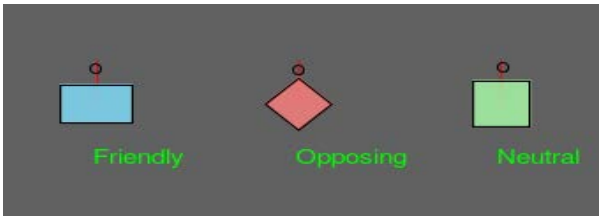
- 1:3:1:29:1:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.8. COLT Team (CIS)



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

1.5.9. COLT Team (US)



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

1.5.10. 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

1.5.11. 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

1.5.12. 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

1.5.13. 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

1.5.14. 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

1.5.15. 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

1.5.16. 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

1.5.17. 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

1.5.18. 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

1.5.19. 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

1.5.20. 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

1.5.21. 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

1.5.22. 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

1.5.23. Civilian Female



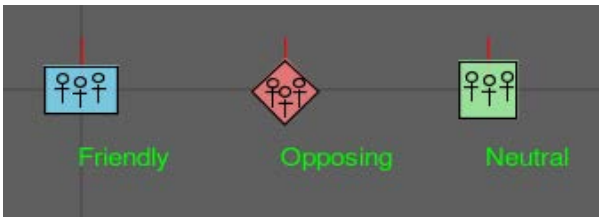
- 1:3:1:225:3:1:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 6.5 m/s
- Ordered speed: 0.9722222222222 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: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

1.5.24. Civilian Male



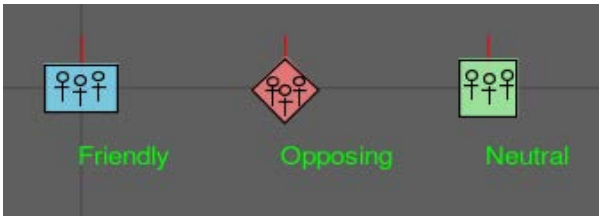
- 1:3:1:225:3:0:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 7.25 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other: human-flee-from-threat.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: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

1.5.25. Civilian Mideast Crowd (Large)



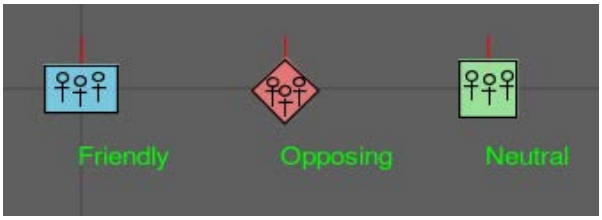
- 3:11:1:0:0:34:0:7
- Maximum speed: 26.388892 m/s
- Ordered speed: 10 m/s
- Systems:
  - disaggregated-movement: pedestrian-crowd-movement.sysdef
  - other: pedestrian-traffic-generator.sysdef

1.5.26. 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

1.5.27. 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

1.5.28. 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

1.5.29. 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

1.5.30. 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

1.5.31. 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

1.5.32. 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

1.5.33. 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

1.5.34. 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

1.5.35. 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

1.5.36. 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

1.5.37. 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

1.5.38. 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

1.5.39. 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

1.5.40. European Soldier



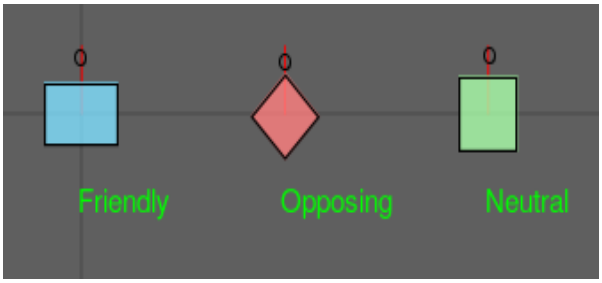
- 1:3:1:153:11:5:34:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.41. 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

1.5.42. Fire Support Team



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

1.5.43. 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

1.5.44. 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

1.5.45. 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

1.5.46. 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

1.5.47. 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

1.5.48. 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

1.5.49. 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

1.5.50. 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

1.5.51. 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

1.5.52. 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

1.5.53. 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

1.5.54. 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

1.5.55. 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

1.5.56. 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

1.5.57. 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

1.5.58. 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

1.5.59. 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

1.5.60. 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

1.5.61. 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

1.5.62. 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

1.5.63. 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

1.5.64. 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

1.5.65. 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

1.5.66. 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

1.5.67. 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

1.5.68. 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

1.5.69. 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

1.5.70. 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

1.5.71. Pakistani Police Officer



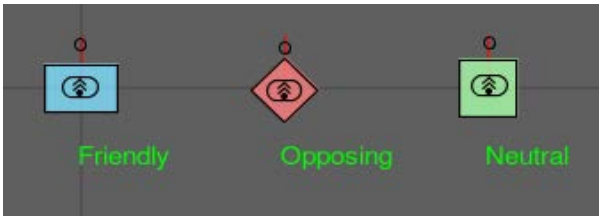
- 1:3:1:165:3:2:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.72. 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

1.5.73. Paratrooper FT



- 3:11:1:225:12:32:0:4
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
  - other-6: airdrop-capable.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.74. 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

1.5.75. 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

1.5.76. 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

1.5.77. 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

1.5.78. 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

1.5.79. 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

1.5.80. 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

1.5.81. 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

1.5.82. 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

1.5.83. 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

1.5.84. 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

1.5.85. 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

1.5.86. 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

1.5.87. 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

1.5.88. 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

1.5.89. 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

1.5.90. 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

1.5.91. 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

1.5.92. 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

1.5.93. 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

1.5.94. 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

1.5.95. 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

1.5.96. 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

1.5.97. 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

1.5.98. 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

1.5.99. 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

1.5.100. 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

1.5.101. 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

1.5.102. 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

1.5.103. 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

1.5.104. 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

1.5.105. 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

1.5.106. 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

1.5.107. 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

1.5.108. 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

1.5.109. 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

1.5.110. 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

1.5.111. 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-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

1.5.112. 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

1.5.113. 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

1.5.114. 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

1.5.115. 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

1.5.116. 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-4: M203GrenadeLauncher.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

1.5.117. 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

1.5.118. 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

1.5.119. US Army M84 Stun Grenade



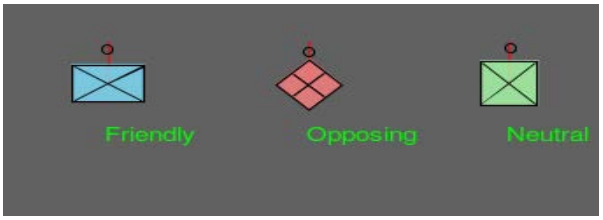
- 1:3:1:225:11:150:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.5.120. US Army M9



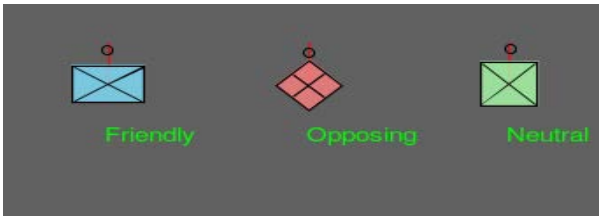
- 1:3:1:225:1:11:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.121. US Army Mech FT A (Javelin)



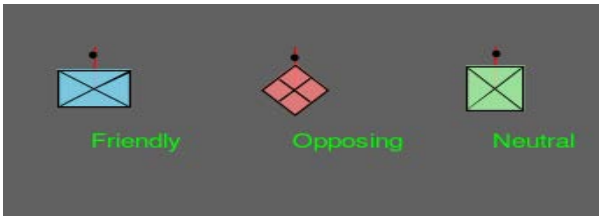
- 3:11:1:225:12:3:0:0
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 0.7777777777778 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
 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

1.5.122. US Army Mech FT B



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

1.5.123. US Army Mech SQD



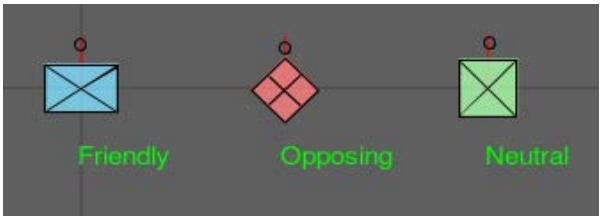
- 3:11:1:225:13:3:0:0
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 0.7777777777778 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 1.75
  - radar-signature: 0.75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

1.5.124. US Army Medic



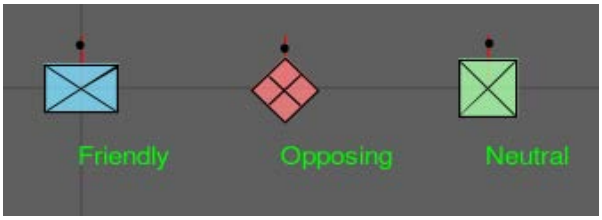
- 1:3:1:225:11:0:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.5.125. US Army Rifle FT



- 3:11:1:225:12:3:0:2
- Maximum speed: 4.444444444444 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.5.126. US Army Rifle SQD



- 3:11:1:225:13:3:0:2
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.127. 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

1.5.128. 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

1.5.129. 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

1.5.130. 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

1.5.131. 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-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

1.5.132. 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

1.5.133. 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

1.5.134. 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

1.5.135. 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

1.5.136. 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

1.5.137. USMC M4



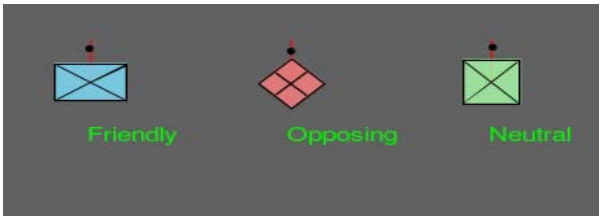
- 1:3:1:225:1:41:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 4.5 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - damage: lifeform-default.sysdef
  - movement: human.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: lifeform-suppression-default.sysdef
  - 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

1.5.138. 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

1.5.139. USMC SQD



- 3:11:1:225:13:3:0:3
- Maximum speed: 4.166666666667 m/s
- Ordered speed: 1.5 m/s
- Systems:
  - aggregated-movement: ground-aggregated-movement.sysdef
  - disaggregated-movement: human-disaggregated-movement.sysdef
- Sensor signatures:
  - infrared-signature: 1.5
  - radar-signature: 0.5
  - visual-signature: 1.5

1.5.140. 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

1.5.141. 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

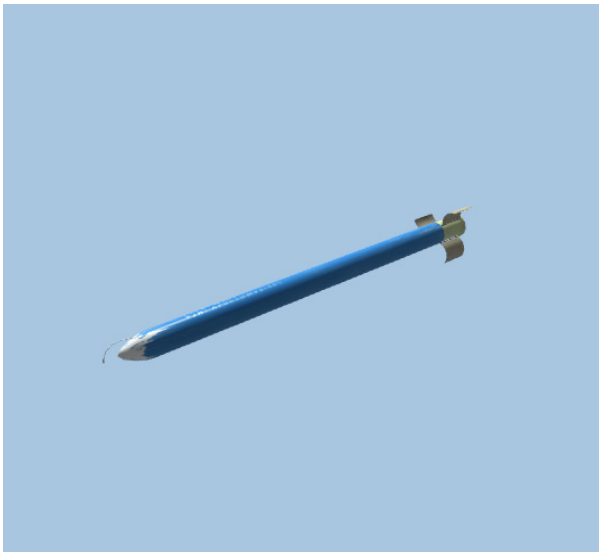
1.6. Munition

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. 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-collisions.sysdef
  - weapon: grenade-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. 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

1.6.5. MK-65 Naval Mine



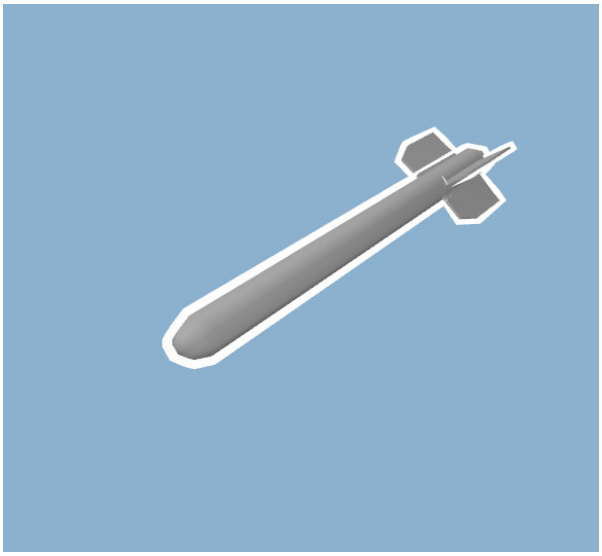
- 1:2:6:225:3:0:0:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - movement: naval-mine-dynamics.sysdef
  - weapon: naval-mine-explosive-device.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 0
  - visual-signature: 0

1.6.6. 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

1.6.7. Mistral SAM Missile



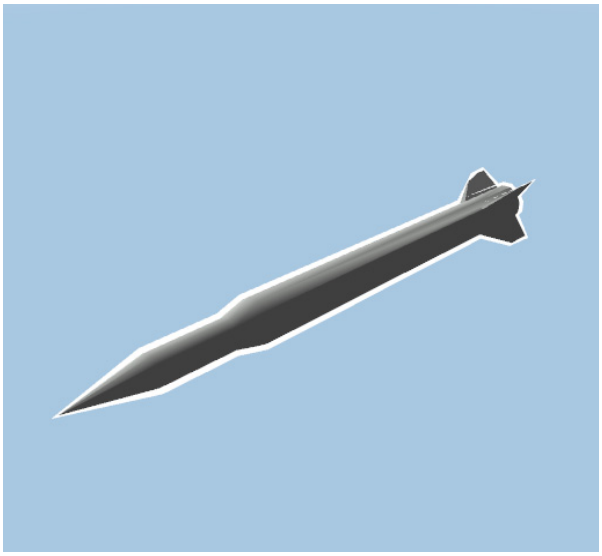
- 1:2:1:71:1:5:1:1
- Maximum speed: 800 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.8. SM-3



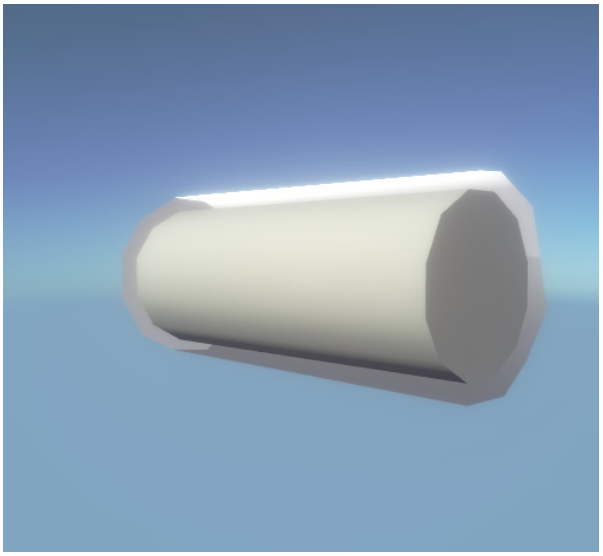
- 1:2:1:225:1:27:3:8
- Maximum speed: 5230.75 m/s
- Ordered speed: 5230.75 m/s
- Systems:
  - damage: missile-default.sysdef
  - movement: missile-dynamics.sysdef
  - weapon: missile-warhead.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 10
  - visual-signature: 2

1.6.9. 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

1.6.10. 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



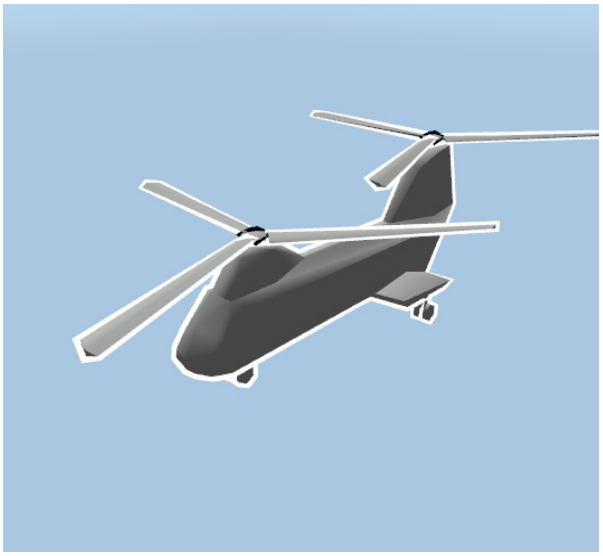
- 1:1:2:225:20:1:8:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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



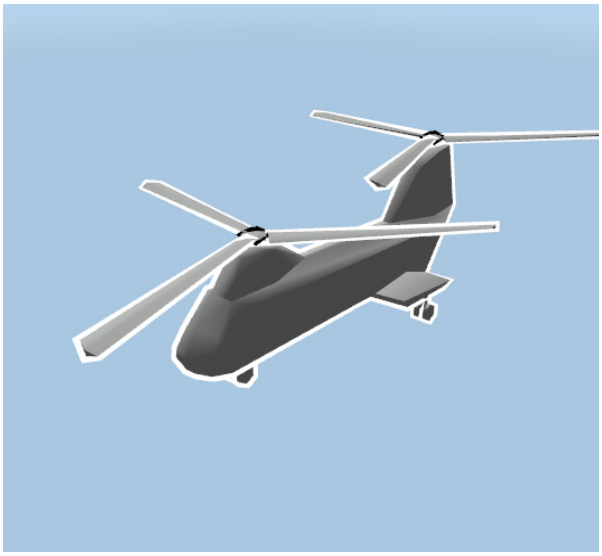
- 1:1:2:224:22:2:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 90 m/s
- Ordered speed: 27.77777777778 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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-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

1.7.12. 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

1.7.13. Agusta Westland AW-139



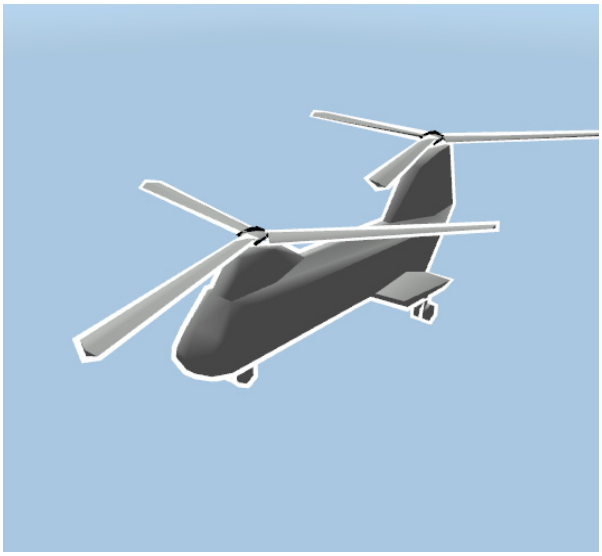
- 1:1:2:106:21:1:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 86.11111111111 m/s
- Ordered speed: 85 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.7.14. Agusta Westland AW-159 Wildcat



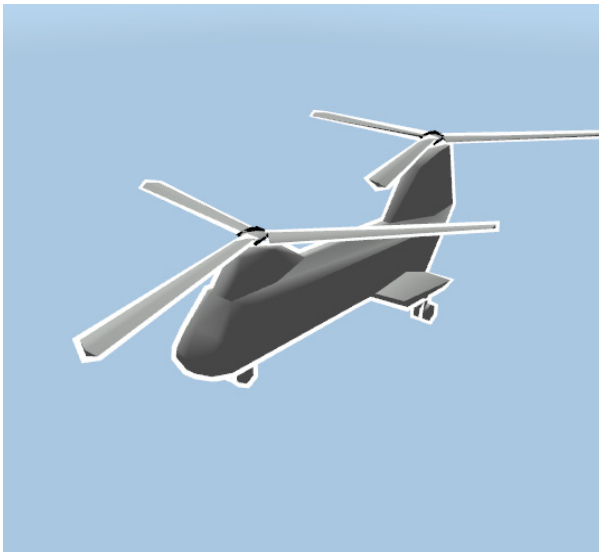
- 1:1:2:106:21:5:6:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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

1.7.15. 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: 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

1.7.16. 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

1.7.17. 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

1.7.18. 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

1.7.19. 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

1.7.20. 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

1.7.21. Bell 429 Global Ranger



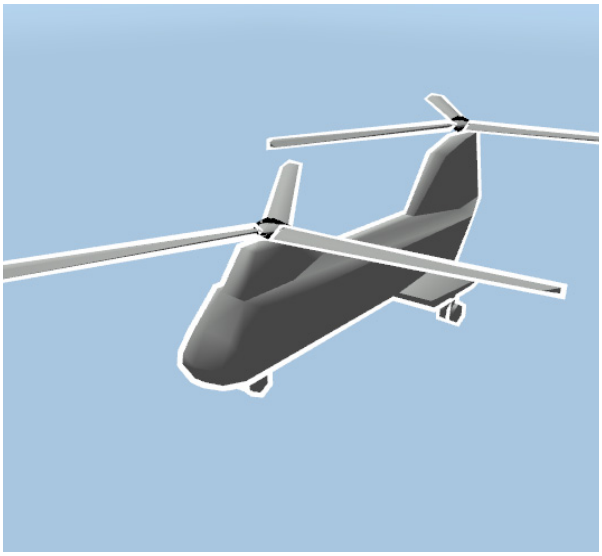
- 1:1:2:13:21:0:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 79.72222222222 m/s
- Ordered speed: 77.77777777778 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.7.22. 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

1.7.23. 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

1.7.24. 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

1.7.25. CH-46E Sea Knight



- 1:1:2:225:21:3:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 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: spot-report-generator.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: rotary-wing-sonar-sensor.sysdef
  - sensor-4: mad-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

1.7.26. 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

1.7.27. 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

1.7.28. CH-53E Super Stallion



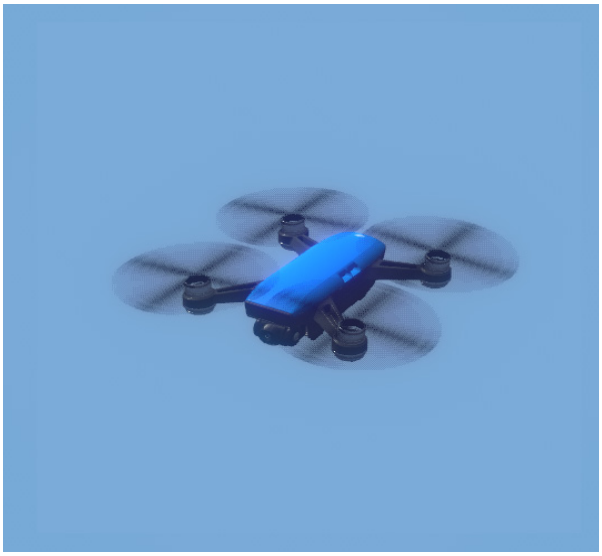
- 1:1:2:225:23:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 100 m/s
- Ordered speed: 20 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: 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

1.7.29. 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

1.7.30. 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

1.7.31. EC 635



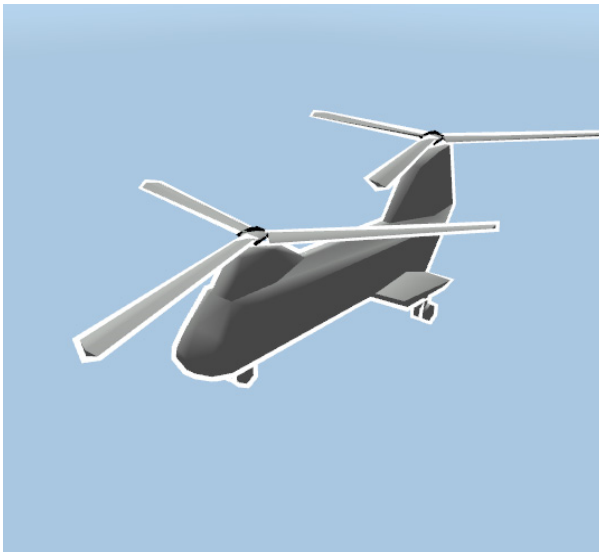
- 1:1:2:78:21:8:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 71.94444444444 m/s
- Ordered speed: 70.55555555556 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.7.32. 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

1.7.33. 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

1.7.34. 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

1.7.35. EC665 Eurocopter UH Tiger



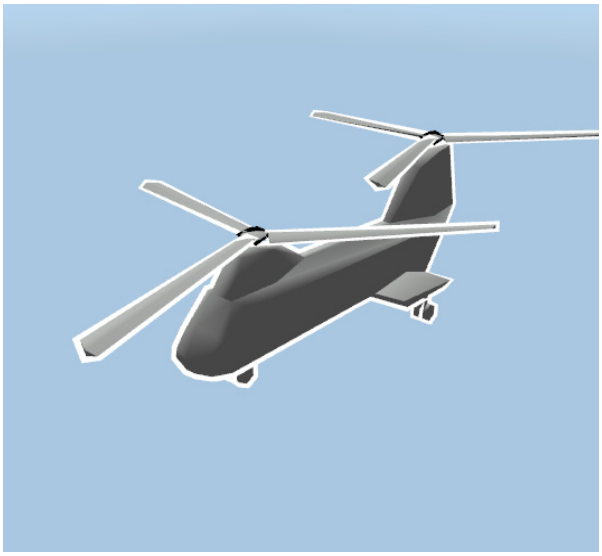
- 1:1:2:71:20:4:2:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 80.55555555556 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.7.36. 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

1.7.37. 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

1.7.38. HH-60M Black Hawk MEDEVAC



- 1:1:2:225:25:1:5:0
- 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
  - weapon-2: laser-guided-apkws-launcher.sysdef
  - weapon-3: laser-guided-hellfire-missile-launcher.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

1.7.39. KA-50 Hokum



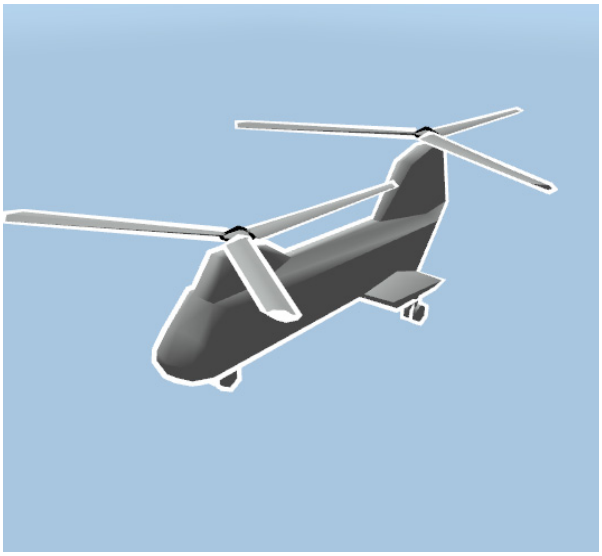
- 1:1:2:222:20:3:0:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 94.44444 m/s
- Ordered speed: 75 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-attack.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.7.40. MD 500



- 1:1:2:225:25:4:2:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 78.333333 m/s
- Ordered speed: 47 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

1.7.41. 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

1.7.42. MH-6 Little Bird



- 1:1:2:225:25:4:2:0
- 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

1.7.43. MH-60 Black Hawk



- 1:1:2:225:25:1:1:0
- 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: laser-designator.sysdef
  - other: spot-report-generator.sysdef
  - sensor: infrared-sensor.sysdef
  - weapon-2: laser-guided-hellfire-missile-launcher.sysdef
  - weapon: M60-7_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

1.7.44. MH-60L Black Hawk DAP



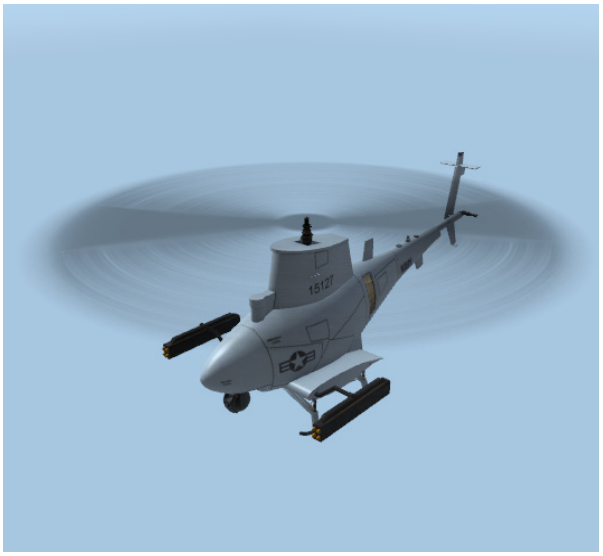
- 1:1:2:225:25:1:4:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: counter-measures-launcher.sysdef
  - other-4: iff-transponder.sysdef
  - other-5: laser-designator.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

1.7.45. MH-65 Dolphin



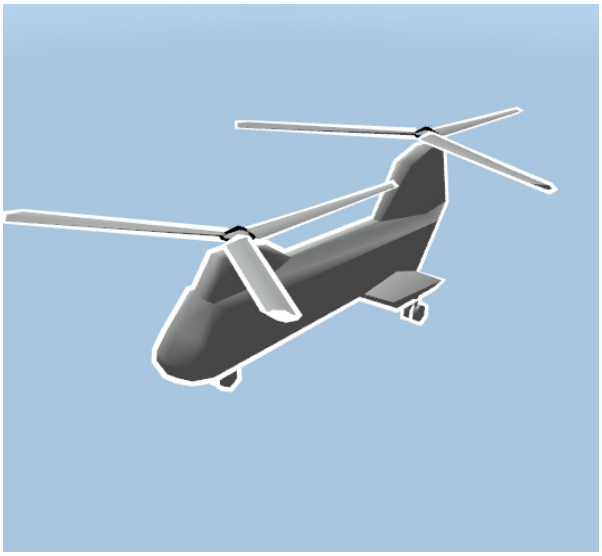
- 1:1:2:71:21:11:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 160 m/s
- Ordered speed: 30 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-4: 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

1.7.46. 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

1.7.47. 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-gener-ator.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

1.7.48. 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

1.7.49. 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

1.7.50. 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

1.7.51. 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

1.7.52. 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

1.7.53. 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

1.7.54. 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

1.7.55. 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

1.7.56. S-100 Schiebel Camcopter White



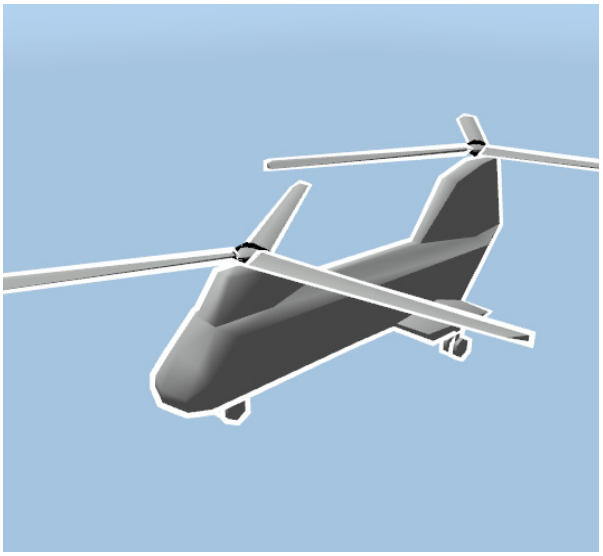
- 1:1:2:78:50:6:0:0
- Can embark: True
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 59.16666666667 m/s
- Ordered speed: 45.83333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: 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

1.7.57. 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

1.7.58. SA 330 Puma



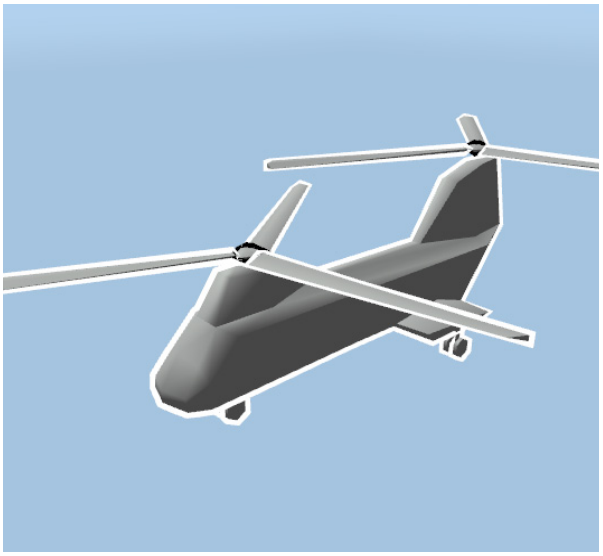
- 1:1:2:71:21:5:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 75.83333333334 m/s
- Ordered speed: 68.88888888889 m/s
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-heavy.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.7.59. 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

1.7.60. SH-3 Sea King



- 1:1:2:225:22:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 74.16666666667 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: spot-report-generator.sysdef
  - sensor-2: rotary-wing-sonar-sensor.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

1.7.61. 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

1.7.62. 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

1.7.63. UH-60 Black Hawk



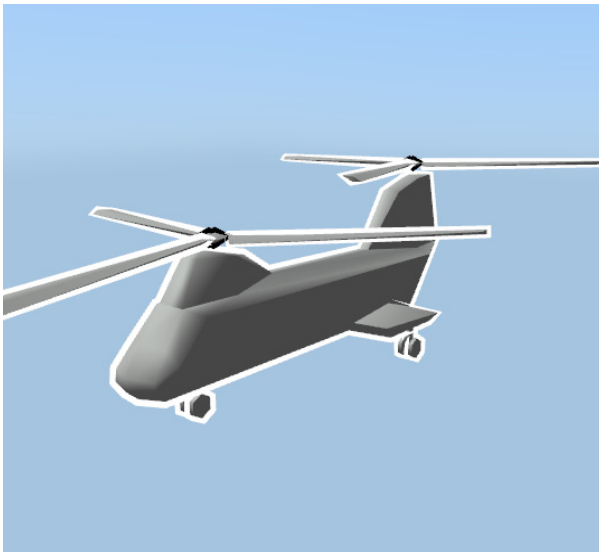
- 1:1:2:225:21:2:1:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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

1.7.64. UH-60M Black Hawk



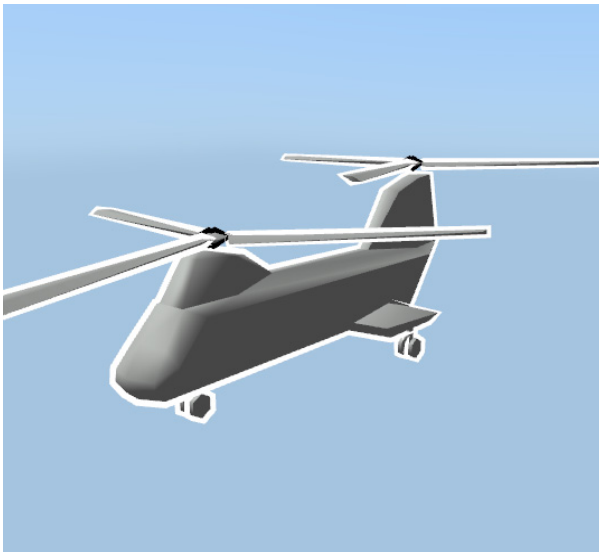
- 1:1:2:225:21:2:26:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 122.8 m/s
- Ordered speed: 25 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: rotary-wing-default.sysdef
  - movement: rotary-wing-utility.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - other-2: 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
  - weapon-2: laser-guided-apkws-launcher.sysdef
  - weapon-3: laser-guided-hellfire-missile-launcher.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

1.7.65. 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

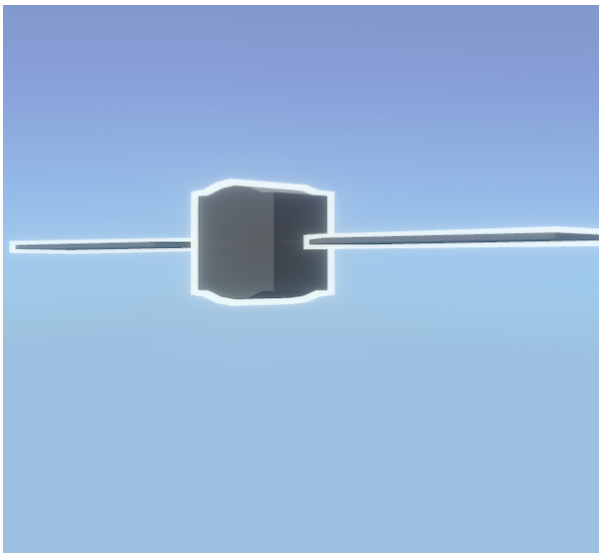
1.7.66. WS-61 Sea King



- 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

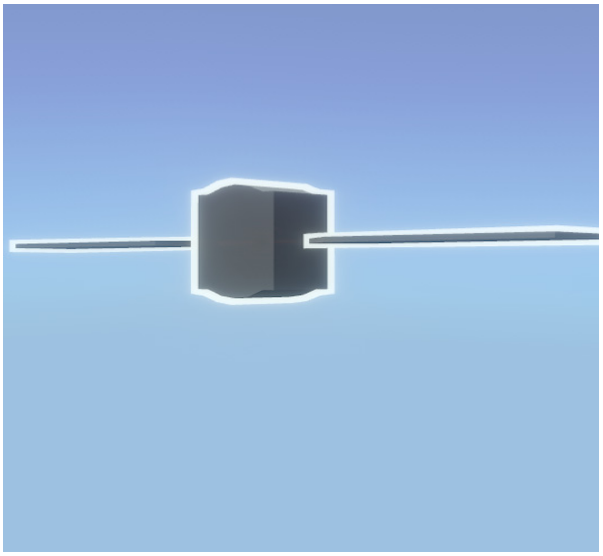
1.8. Space

1.8.1. Communications Satellite



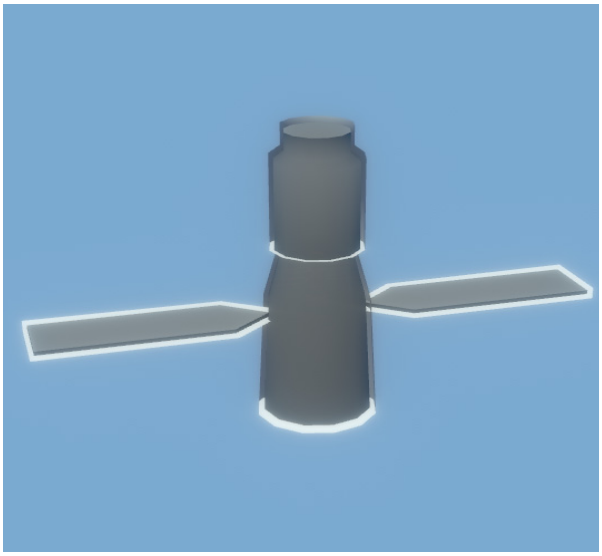
- 1:1:5:225:2:1:2:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
  - other: spot-report-receiver.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 0
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 100000
  - visual-signature: 0

1.8.2. Defense Satellite



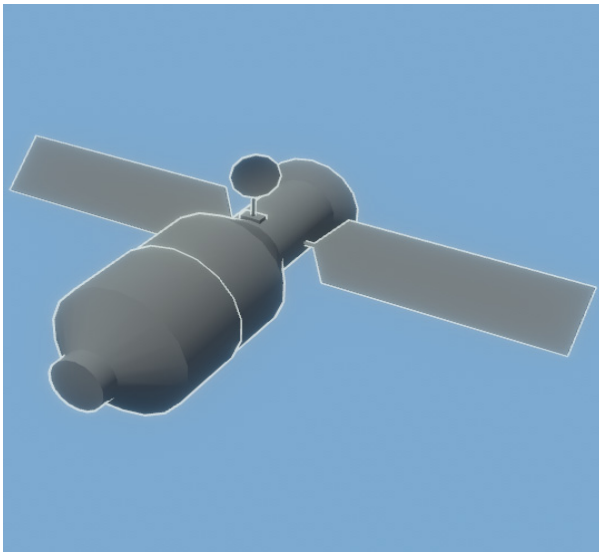
- 1:1:5:225:2:3:3:0
- Can embark: False
- Can be embarked on: False
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: orbital-dynamics.sysdef
  - other-2: spot-report-generator.sysdef
  - sensor: space-based-infrared-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 0
  - infrared-signature: 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

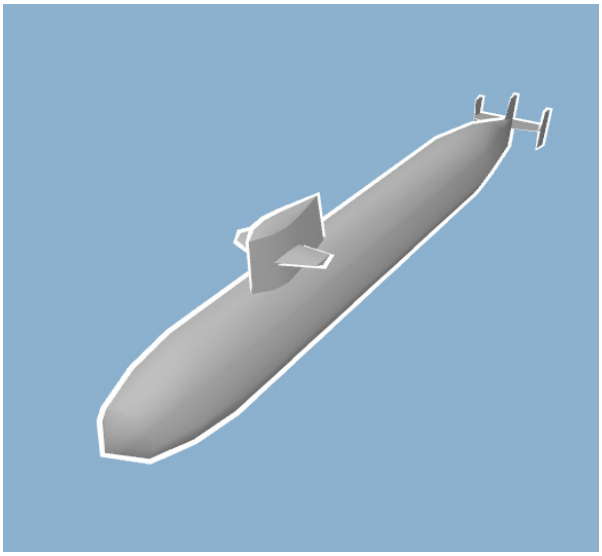
1.9. Subsurface

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: 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

1.9.3. Akula-class Submarine



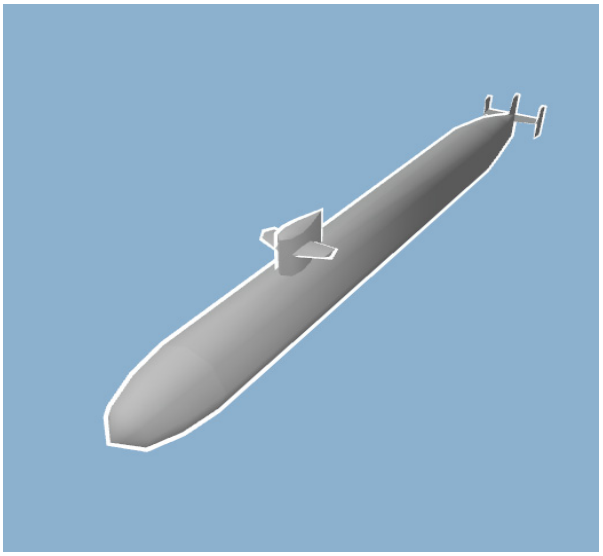
- 1:1:4:222:3:8:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 5 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



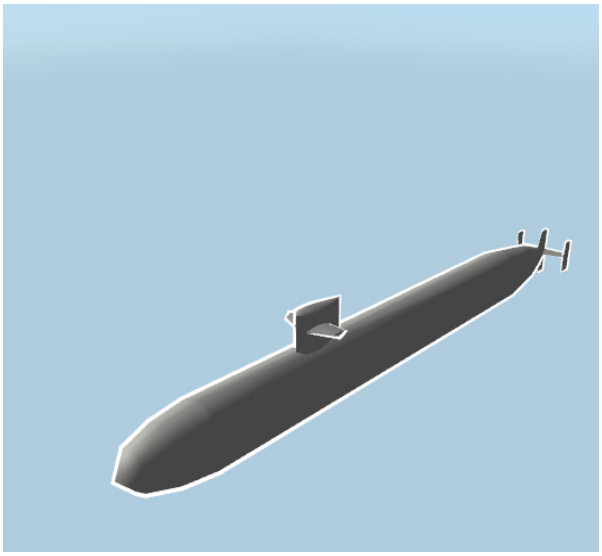
- 1:1:4:224:3:4:1:2
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-3: iff-transponder.sysdef
  - other: periscope.sysdef
  - sensor: 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



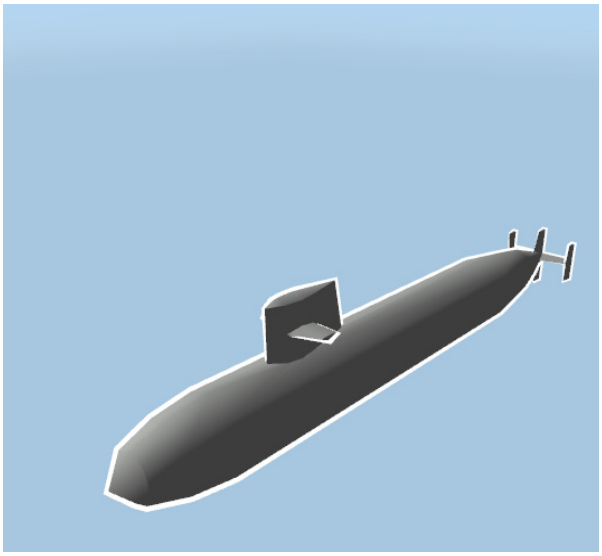
- 1:1:4:222:1:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.28888888889 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



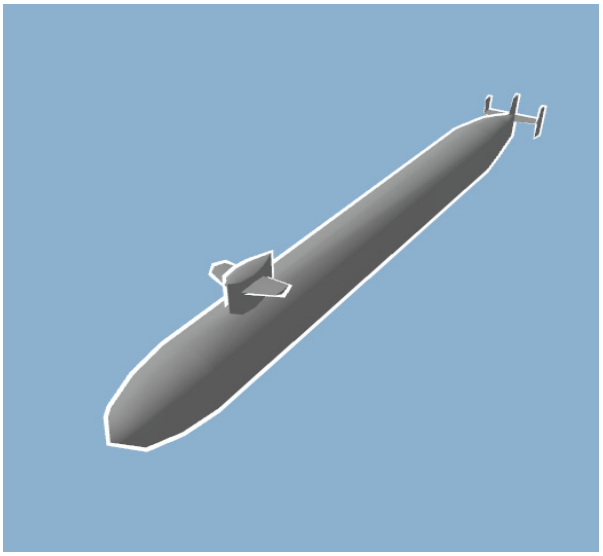
- 1:1:4:222:1:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.28888888889 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



- 1:1:4:105:5:1:1:0
- 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



- 1:1:4:225:1:0:0:0
- 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



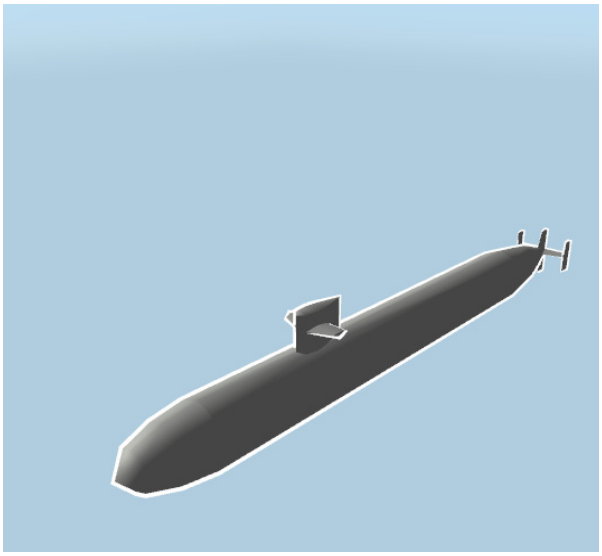
- 1:1:4:225:8:1:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 1.388889 m/s
- Ordered speed: 1.388889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - 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



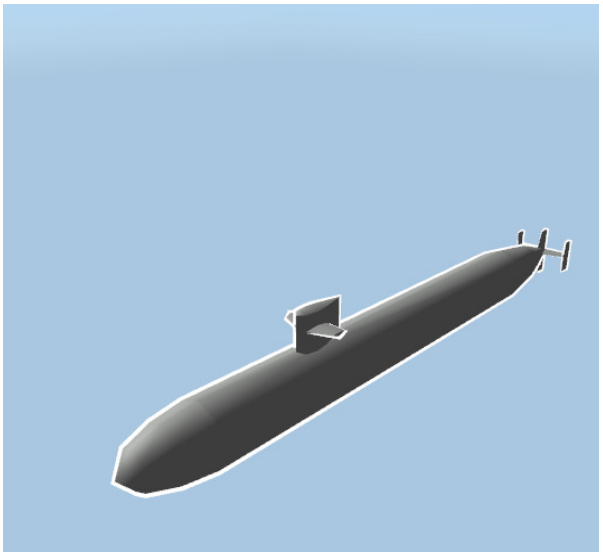
- 1:1:4:222:5:4:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.716667 m/s
- Ordered speed: 4.166667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - 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



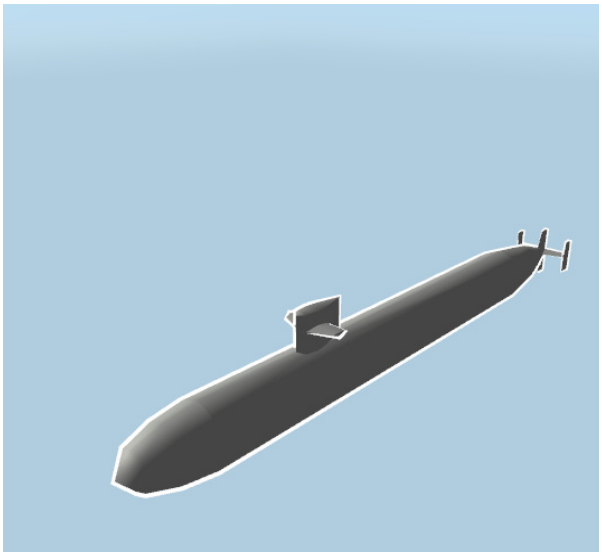
- 1:1:4:71:3:1:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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



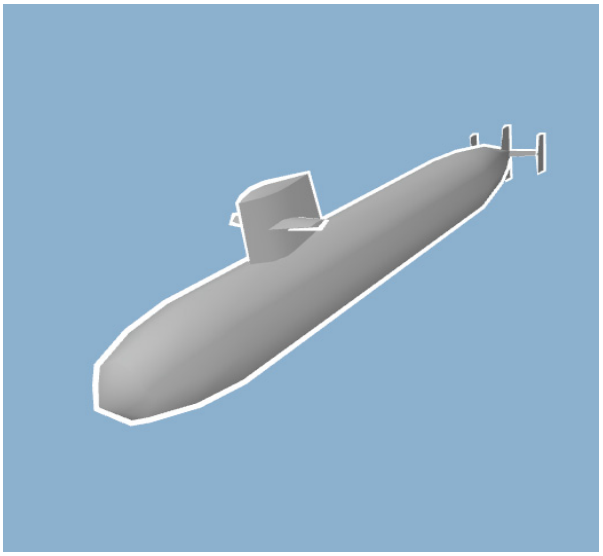
- 1:1:4:176:5:1:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.66666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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



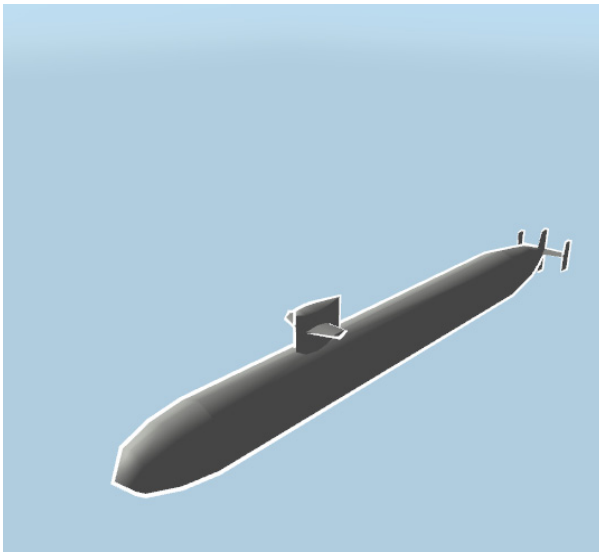
- 1:1:4:205:5:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 4.444444444444 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



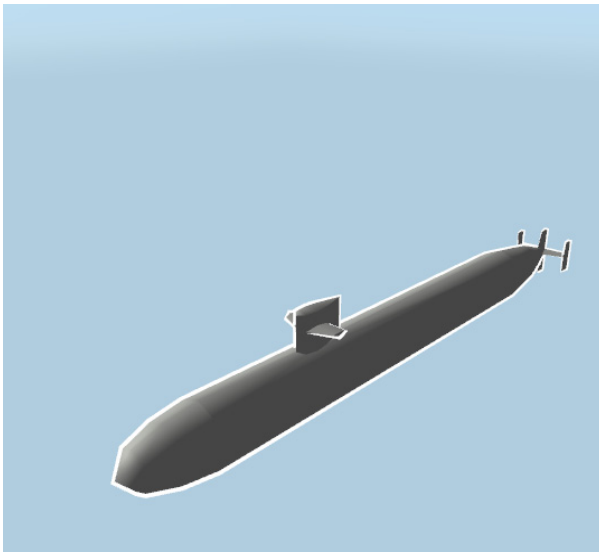
- 1:1:4:45:5:2:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 30.388889 m/s
- Ordered speed: 6.944444 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - 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



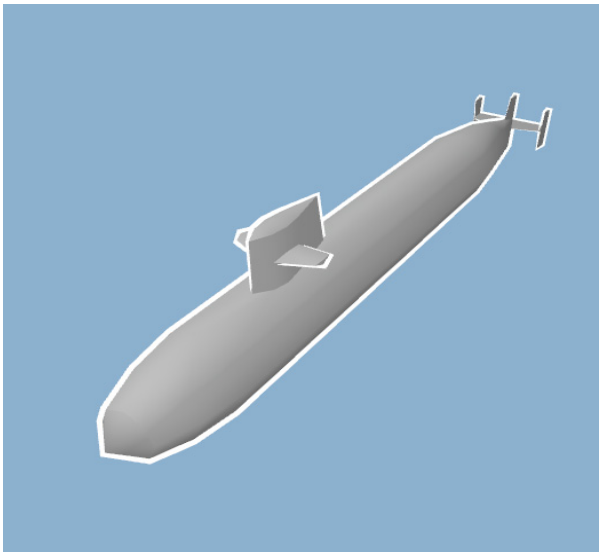
- 1:1:4:224:3:1:1:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 11.11111111111 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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 093 (Shang-class) Submarine



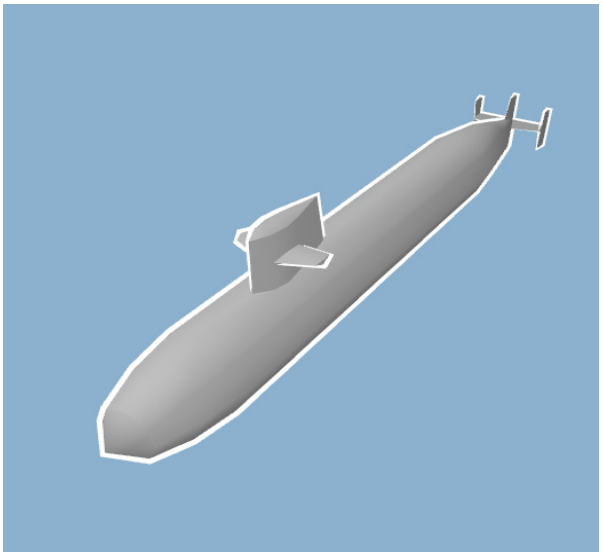
- 1:1:4:45:3:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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 094 (Jin-class) Submarine



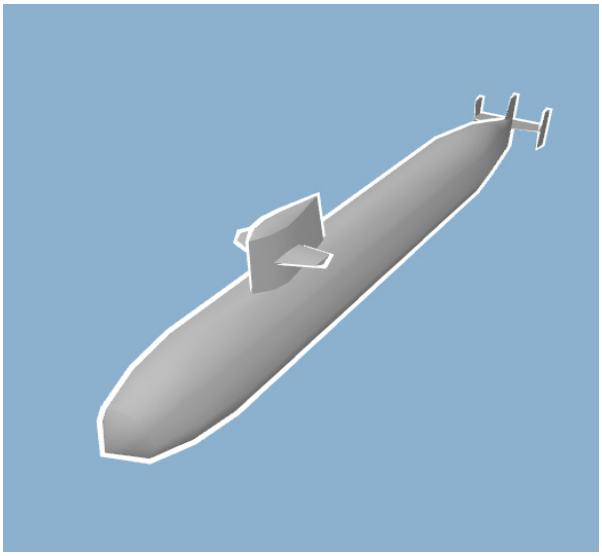
- 1:1:4:45:1:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.94444444445 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other-4: spot-report-receiver.sysdef
  - other: periscope.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-2: 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

1.9.25. Type 209 Submarine



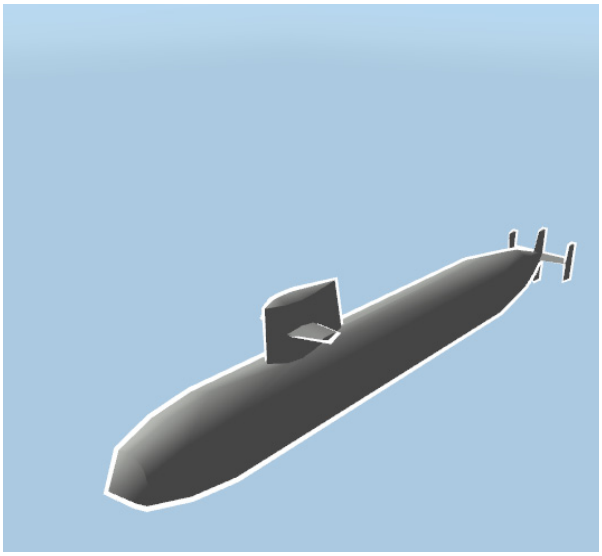
- 1:1:4:78:5:4:3:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.66666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.9.26. Type 212 Submarine



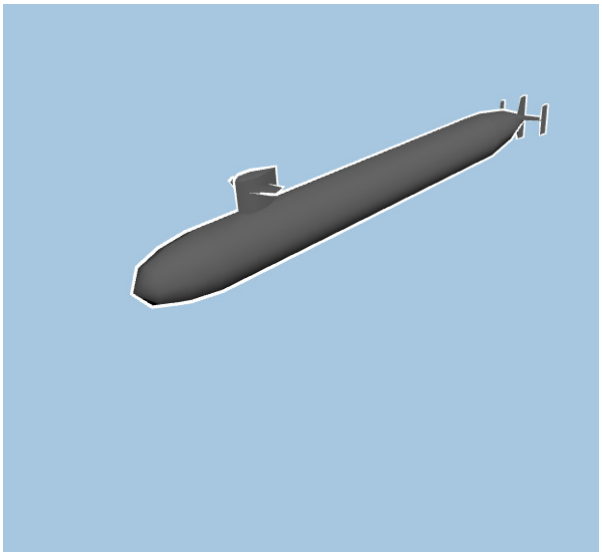
- 1:1:4:106:5:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 3.333333333333 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsurface-dynamics.sysdef
  - other-10: tdl-subsurface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other-3: periscope.sysdef
  - other: spot-report-generator.sysdef
  - sensor: sonar-sensor.sysdef
  - weapon-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

1.9.27. Ula-class Submarine



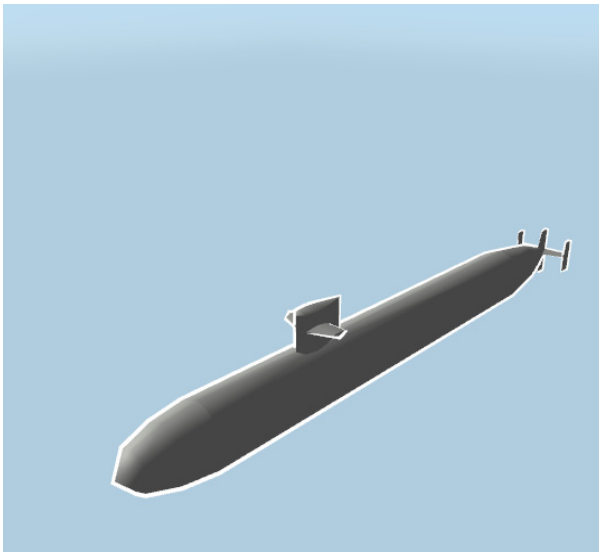
- 1:1:4:163:5:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.94444444445 m/s
- Ordered speed: 2.222222222221 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-gener-ator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.9.28. Vanguard-class Submarine



- 1:1:4:224:1:1:1:2
- 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

1.9.29. 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

1.9.30. Victoria-class Submarine



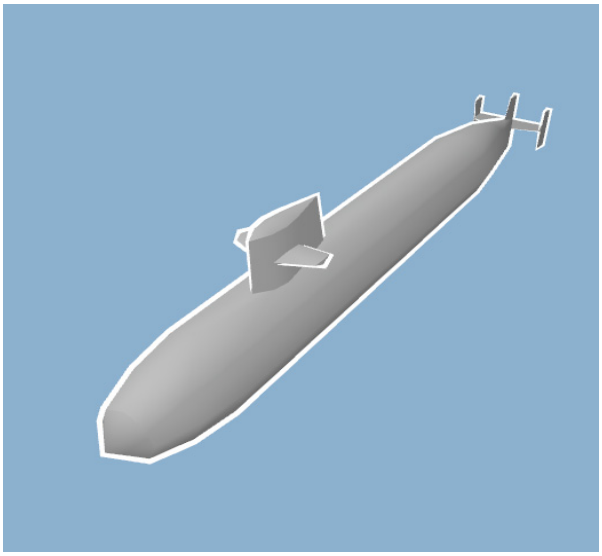
- 1:1:4:39:5:1:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: subsurface-default.sysdef
  - movement: subsur-face-dynamics.sysdef
  - other-10: tdl-subsur-face-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.9.31. Walrus-class submarine



- 1:1:4:153:5:1:1:0
- 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-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

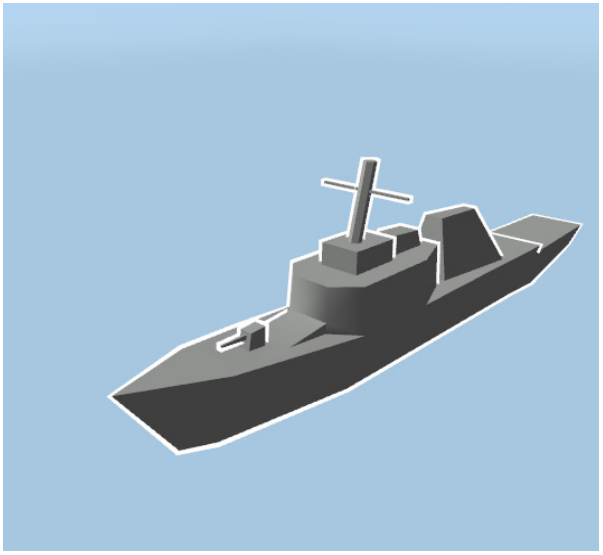
1.9.32. Yuan-class Submarine



- 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: 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

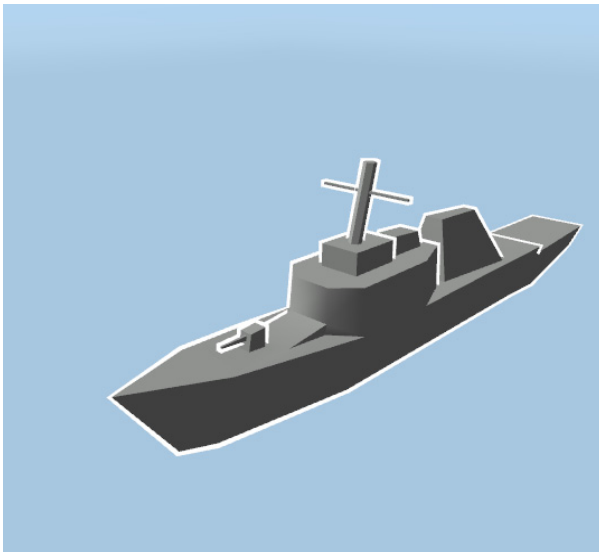
1.10. Surface

1.10.1. Admiral Grigorovich-class Frigate



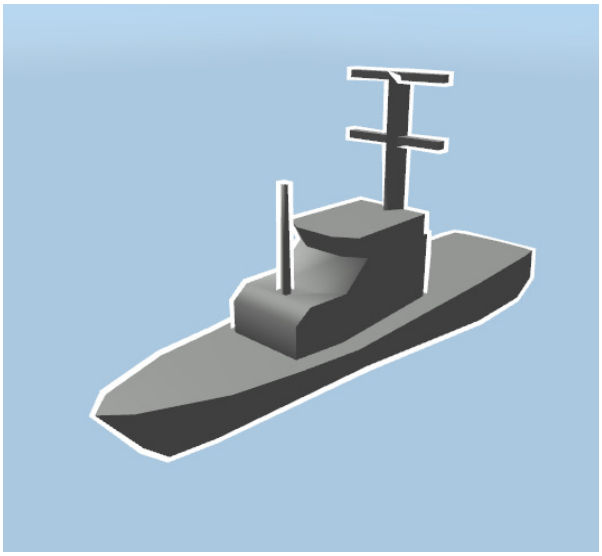
- 1:1:3:222:6:13:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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



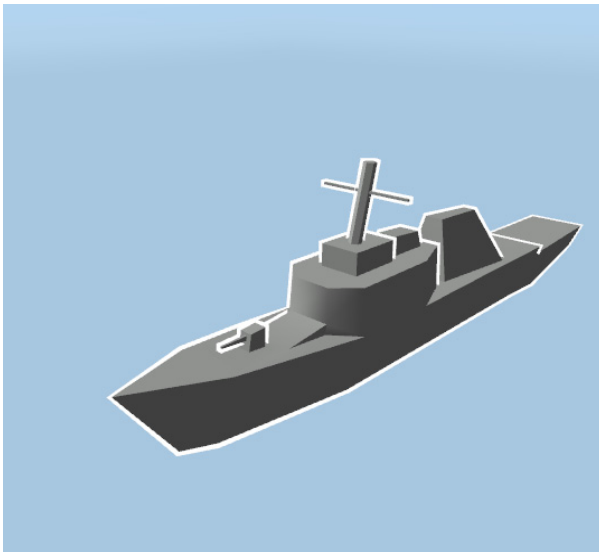
- 1:1:3:100:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 9.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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



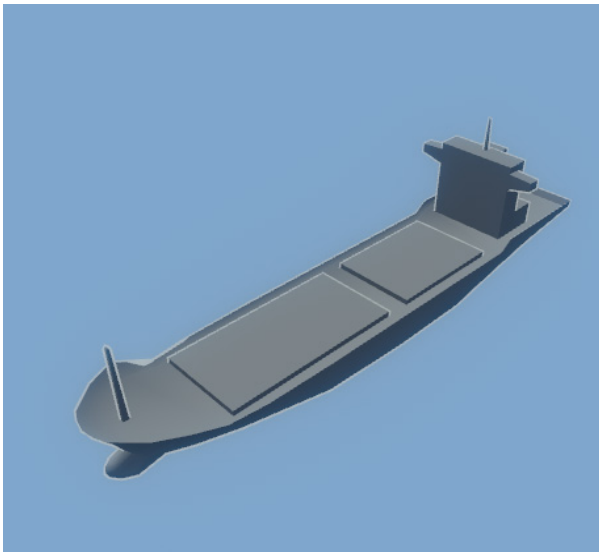
- 1:1:3:217:7:4:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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. 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

1.10.5. 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

1.10.6. Aquitaine-class Frigate



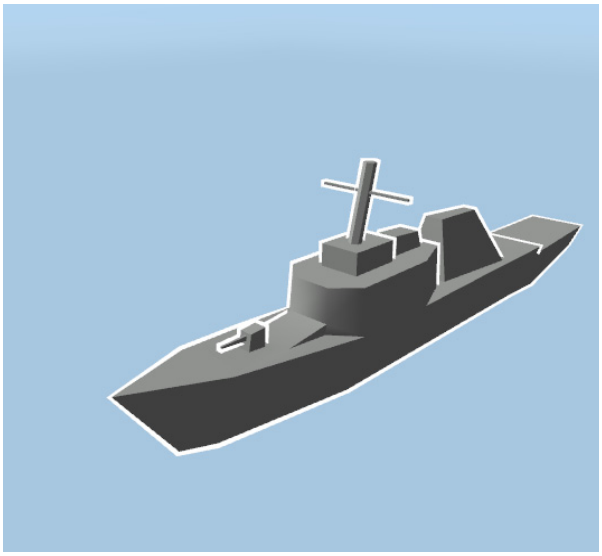
- 1:1:3:71:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: 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

1.10.7. Arleigh Burke-class Destroyer



- 1:1:3:225:4:1:1:0
- 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

1.10.8. 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

1.10.9. Auto Ferry



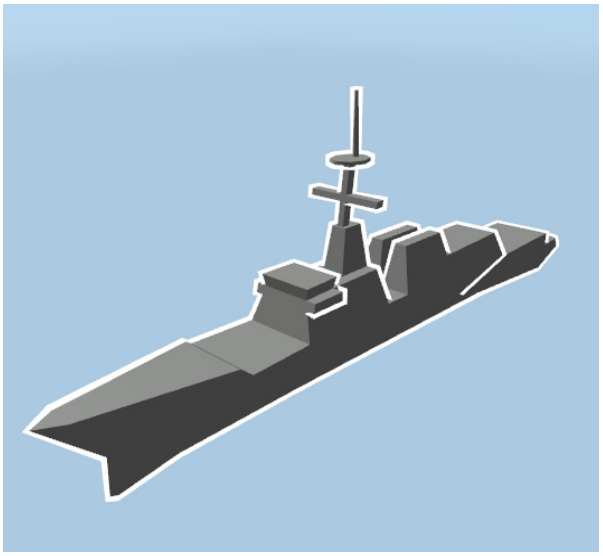
- 1:1:3:0:80:2:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.277778 m/s
- Ordered speed: 8.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.10. BM-28 Sea Lady Trawler



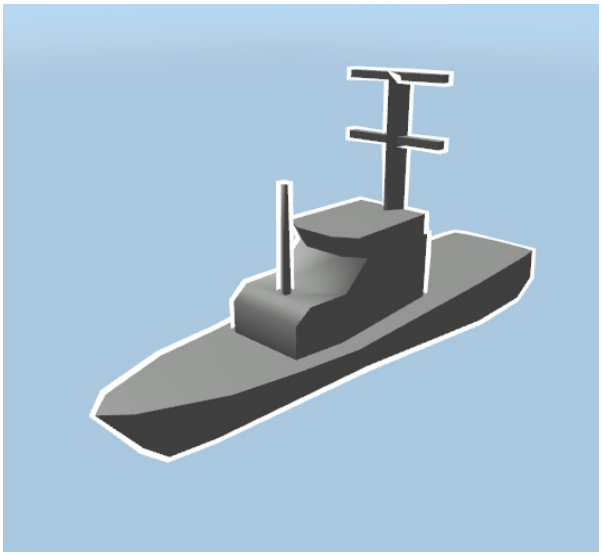
- 1:1:3:0:86:3:1:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Maximum speed: 5.444445 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - 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

1.10.11. Bay-class DLS



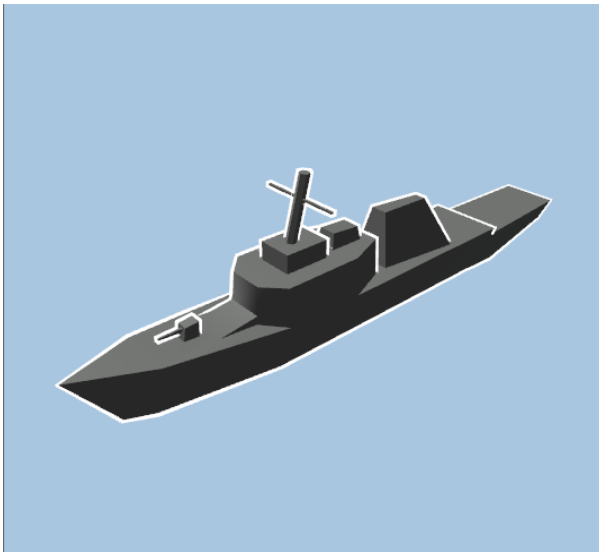
- 1:1:3:224:9:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 7.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.12. Bay-class Patrol Boat



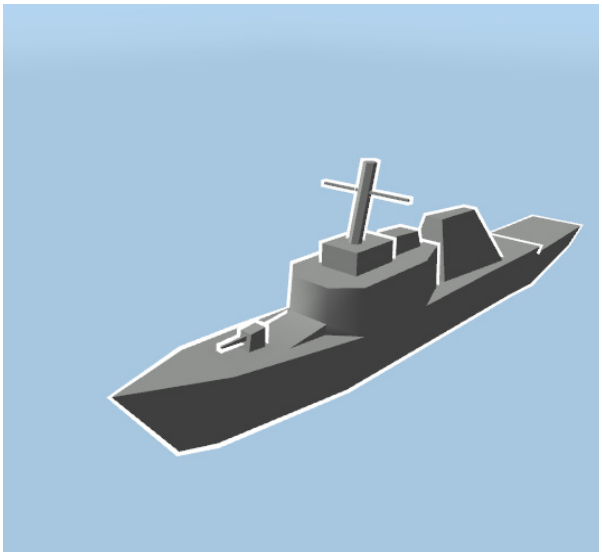
- 1:1:3:13:7:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.13. 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

1.10.14. Braunschweig-class Corvette



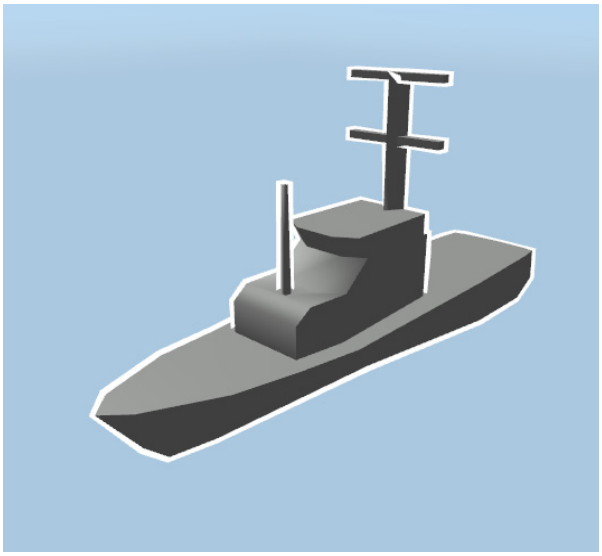
- 1:1:3:78:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 13.3333333333 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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: 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

1.10.15. 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

1.10.16. 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

1.10.17. Charles de Gaulle Class Carrier



- 1:1:3:71:1:1:1:0
- 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

1.10.18. 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

1.10.19. 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

1.10.20. Cruise Ship



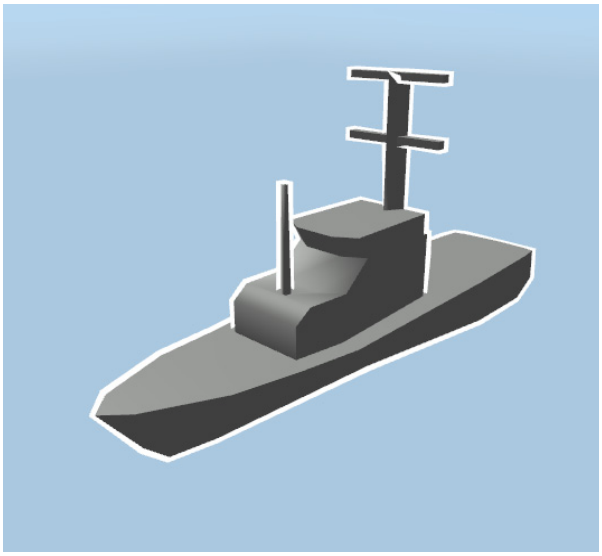
- 1:1:3:0:61:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 11.277778 m/s
- Ordered speed: 16 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.21. 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

1.10.22. Dabur-class Patrol Boat



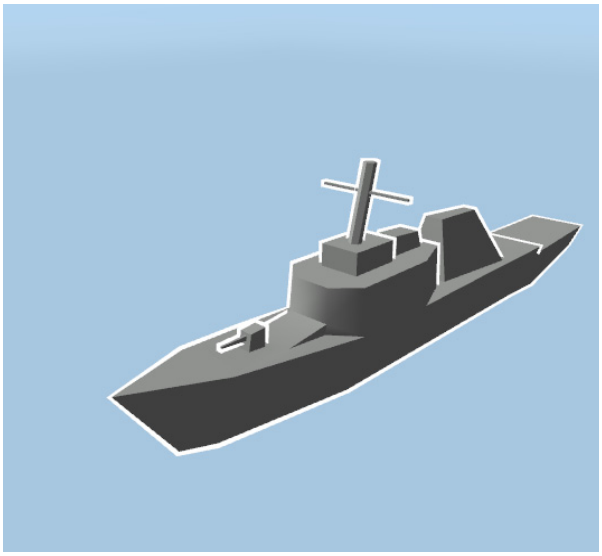
- 1:1:3:105:7:6:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 14.72222222222 m/s
- Ordered speed: 10.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.23. De Zeven Provincien Class Frigate



- 1:1:3:153:6:4:0:1
- 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

1.10.24. Delhi-class Destroyer



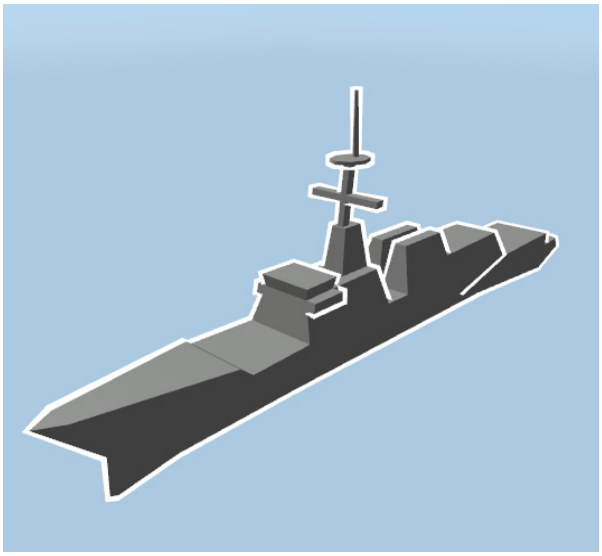
- 1:1:3:99:4:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: visual-sensor.sysdef
  - sensor-3: sonar-sensor.sysdef
  - 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

1.10.25. Durand de la Penne-class Destroyer



- 1:1:3:106:4:1:1:3
- 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

1.10.26. Echo-class Survey Ship



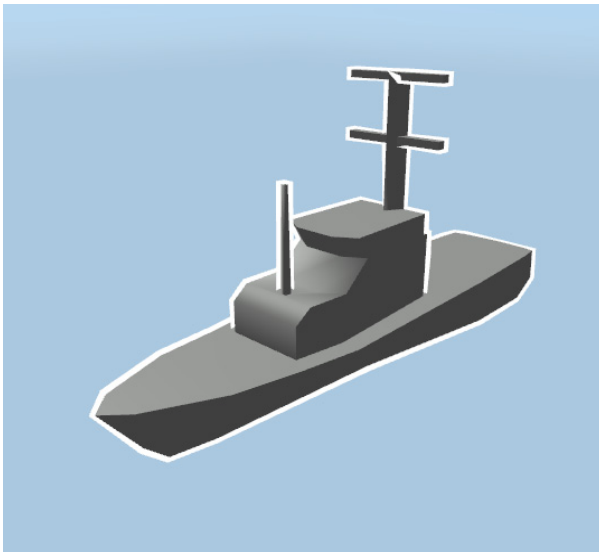
- 1:1:3:224:16:30:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.777777777776 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.27. Elizabeth Coastal Freighter



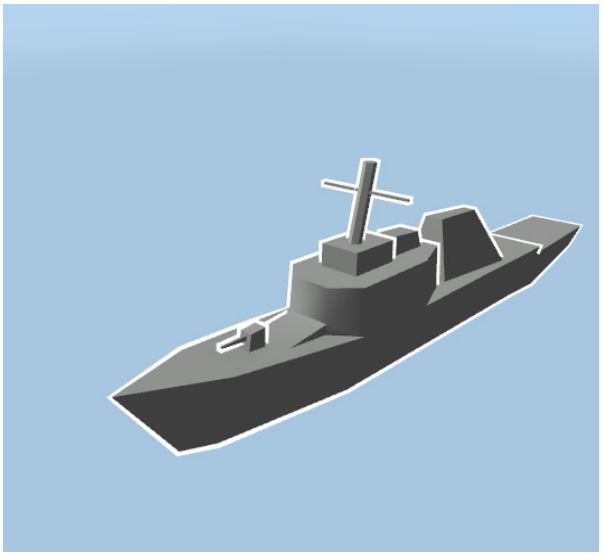
- 1:1:3:0:17:11:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.7 m/s
- Ordered speed: 6 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.28. 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: 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
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 18

1.10.29. F-22P Zulfiquar-class Frigate



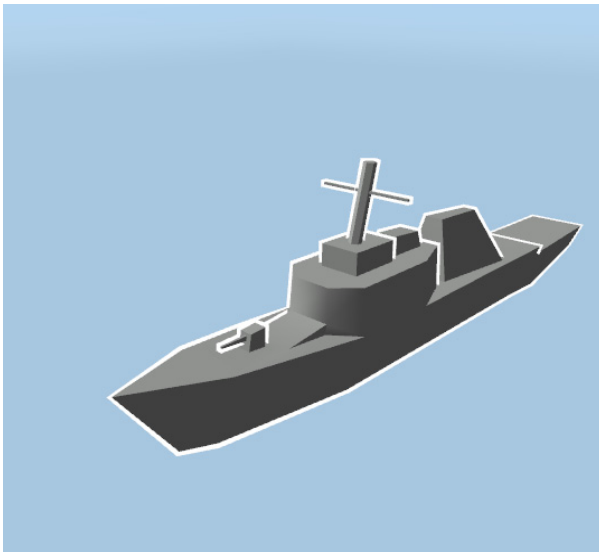
- 1:1:3:165:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.30. 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

1.10.31. Fatahillah-class Frigate



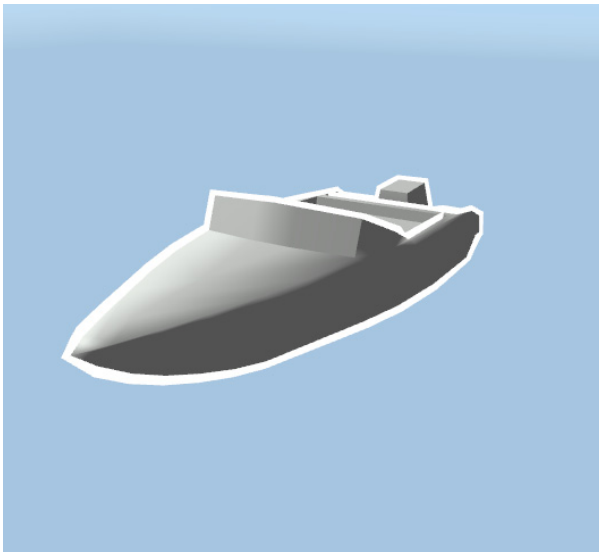
- 1:1:3:100:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10.83333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.32. Fishing Boat



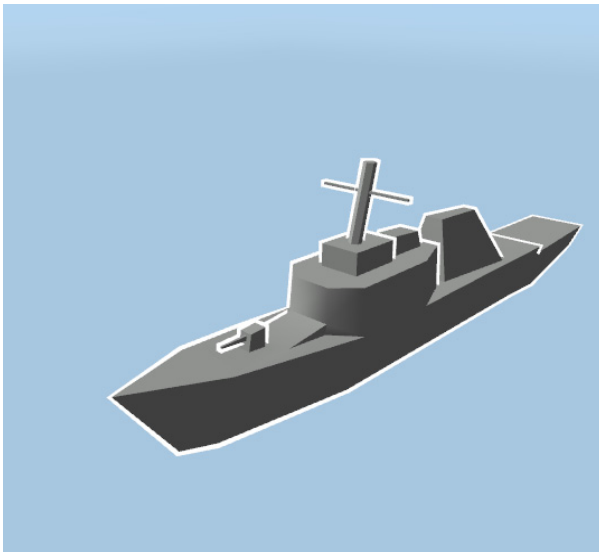
- 1:1:3:0:61:4:0:1
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Has navigation data.
- Maximum speed: 5.444445 m/s
- Ordered speed: 4.166666666667 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - 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

1.10.33. Fleet-class USV



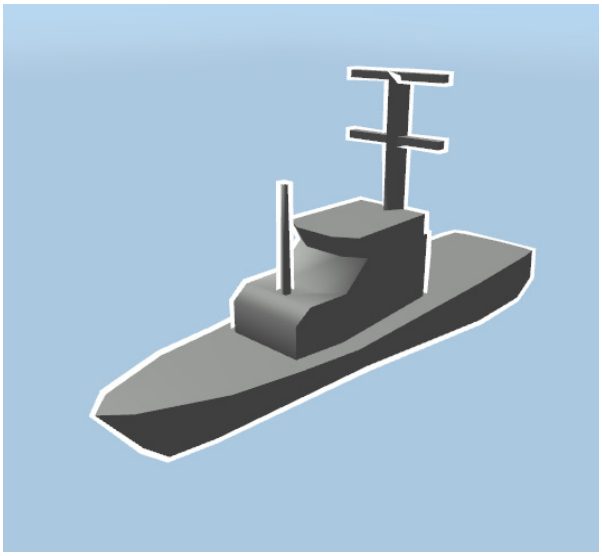
- 1:1:3:225:19:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.34. Floreal-class Frigate



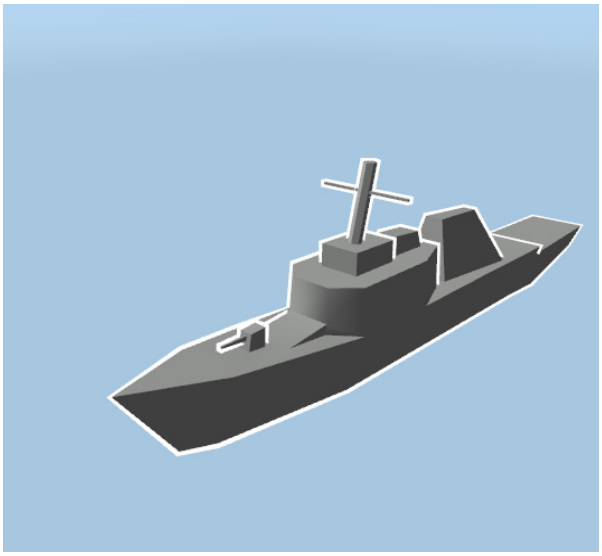
- 1:1:3:71:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.35. 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

1.10.36. 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

1.10.37. Fridtjof Nansen-class



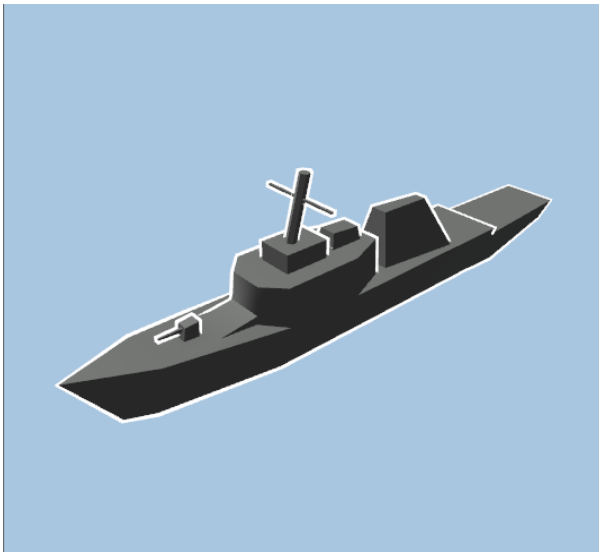
- 1:1:3:163:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 8.055555555556 m/s
- Systems:
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: spot-report-generator.sysdef
  - 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

1.10.38. Gaeta-class Minehunter



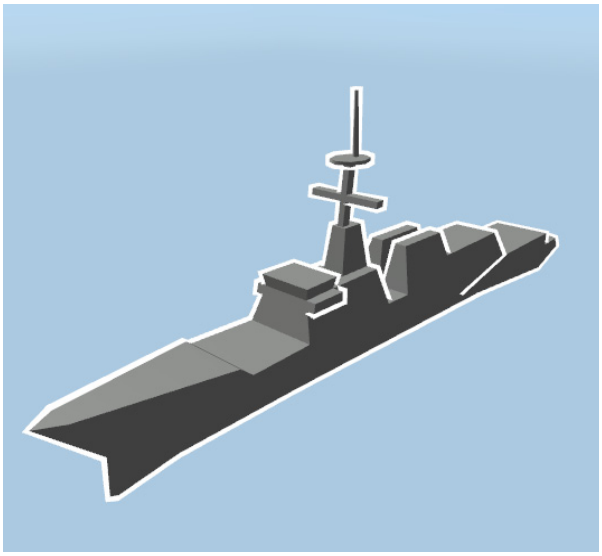
- 1:1:3:106:8:1:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 7.222222222222 m/s
- Ordered speed: 7.222222222222 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - 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

1.10.39. 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

1.10.40. 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

1.10.41. 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

1.10.42. Halifax-class Frigate



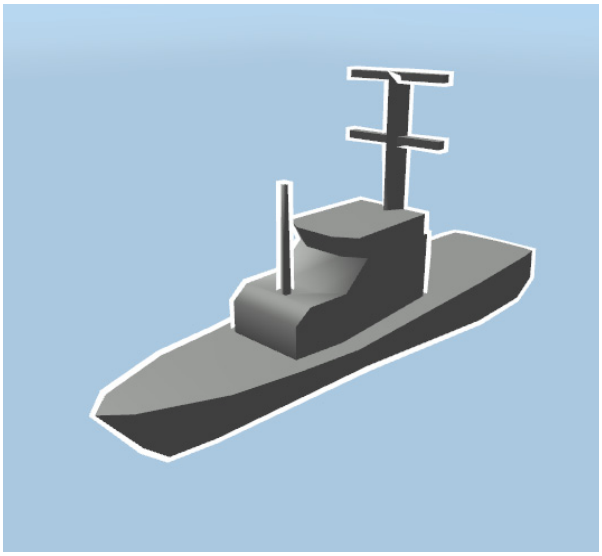
- 1:1:3:39:6:1:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.43. Hamilton Class Cutter WHEC



- 1:1:3:225:62:1:5:0
- 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

1.10.44. Hamina Class Fast Attack



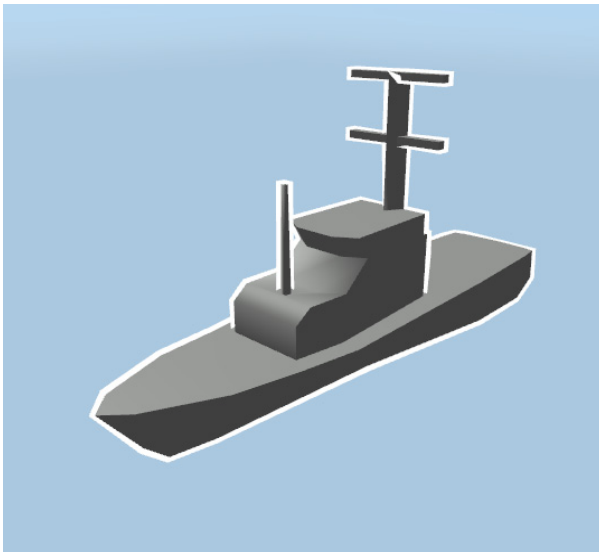
- 1:1:3:70:64:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.10.45. Harpers Ferry-class



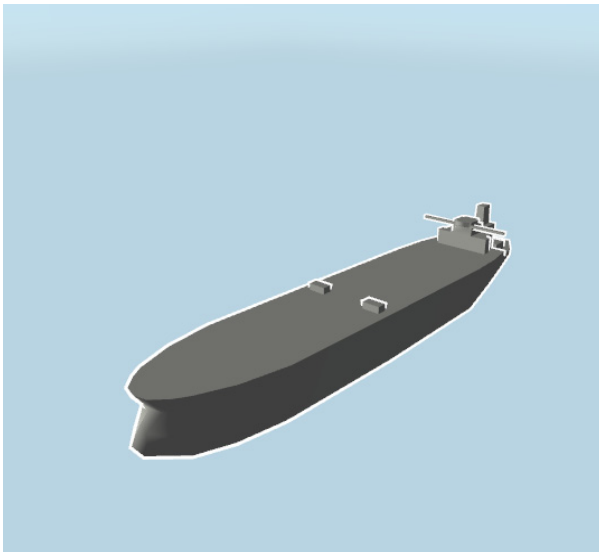
- 1:1:3:225:9:1:9:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16 m/s
- Ordered speed: 16 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.46. 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-gener-ator.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

1.10.47. Henry J Kaiser-class Oiler



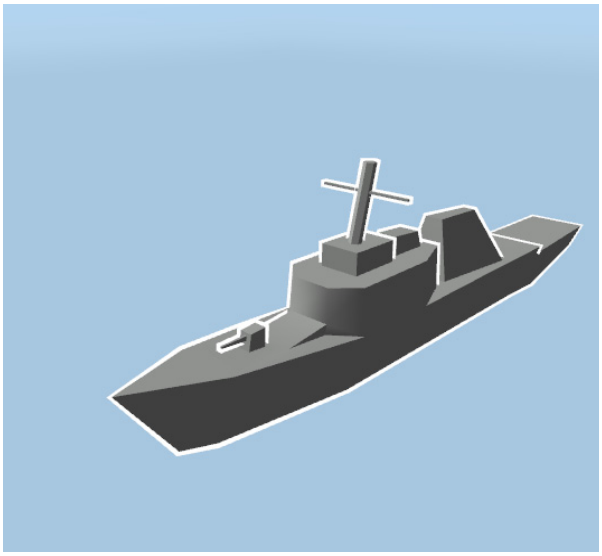
- 1:1:3:225:17:6:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: active-radar-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.48. Holland Class OPV



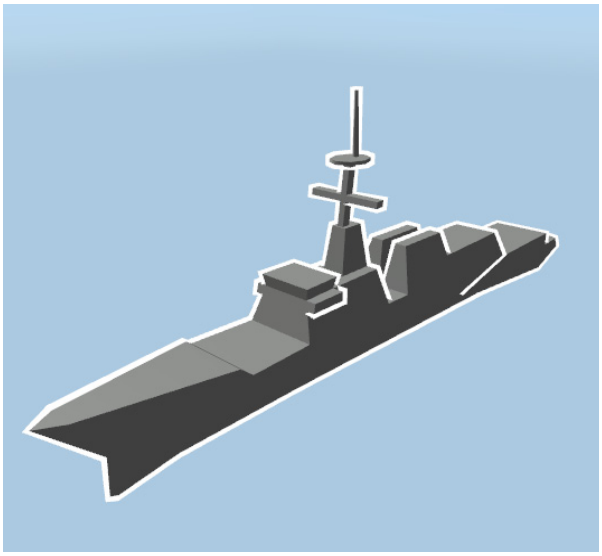
- 1:1:3:153:7:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.05555555556 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.49. Horizon-class Destroyer



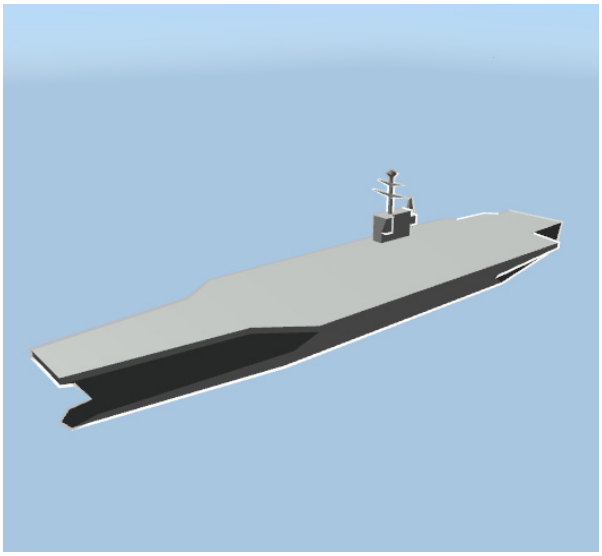
- 1:1:3:106:4:3:1:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other: iff-tran-sponder.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-5: exocet-cruise-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

1.10.50. Hunt-class Minehunter



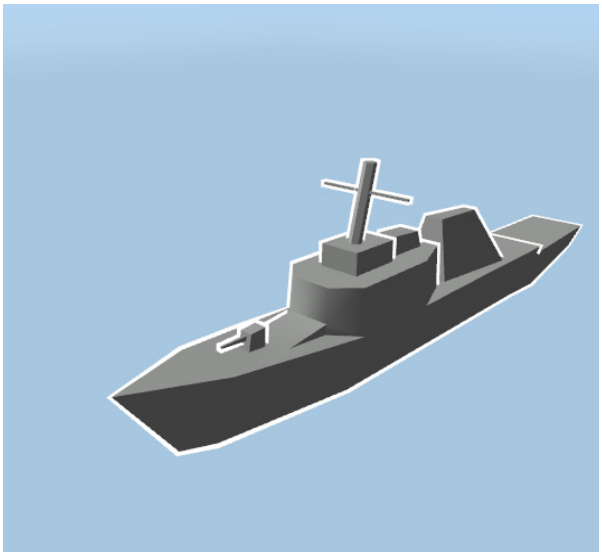
- 1:1:3:224:8:1:1:3
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.611111111111 m/s
- Ordered speed: 4.166666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-2: naval-mine-sweep.sysdef
  - other: iff-transponder.sysdef
  - 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

1.10.51. Invincible-class Carrier



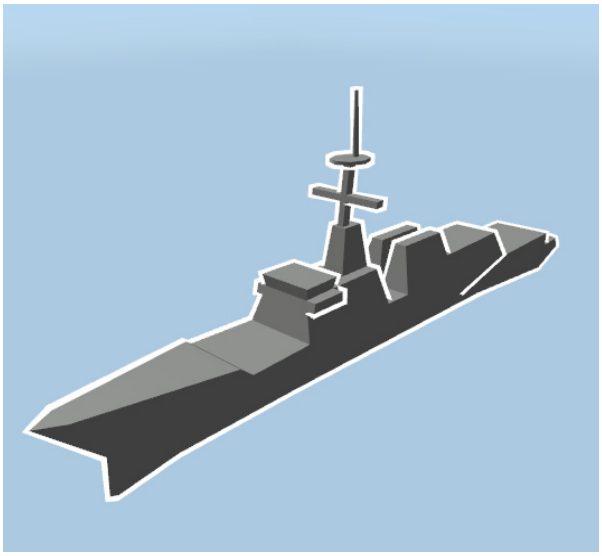
- 1:1:3:224:12:1:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 10.83333333333 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.10.52. Iroquois-class Destroyer



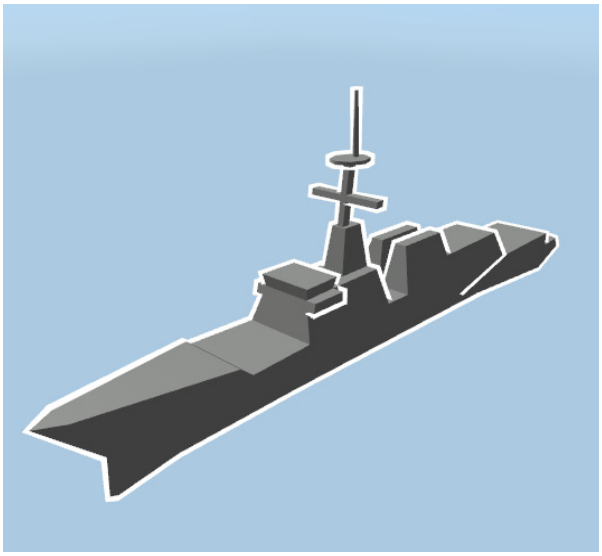
- 1:1:3:39:4:1:0:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - other-3: 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

1.10.53. 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

1.10.54. Jacinto-class Corvette



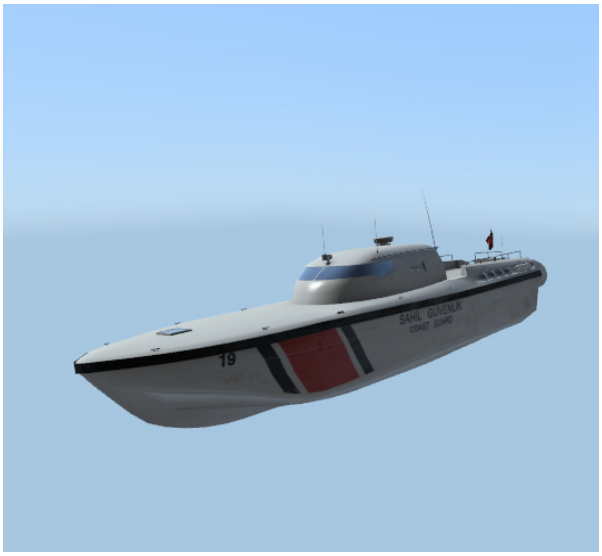
- 1:1:3:173:50:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.833333333333 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.55. Jet Ski



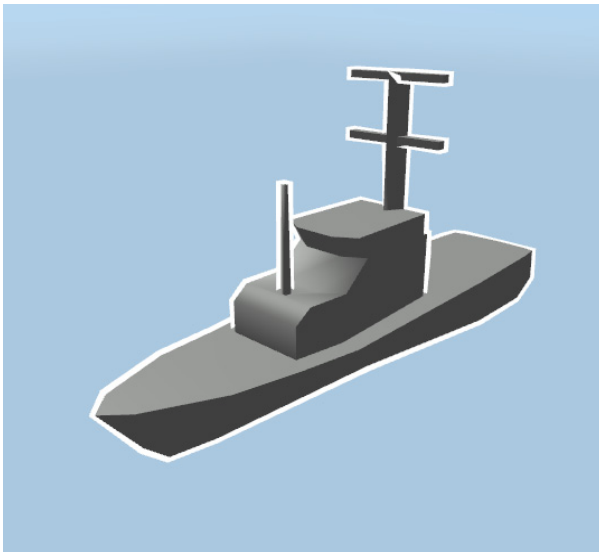
- 1:1:3:0:61:9:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 25 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 1
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 9
  - visual-signature: 5

1.10.56. KAAN 19 Class Fast Patrol Craft



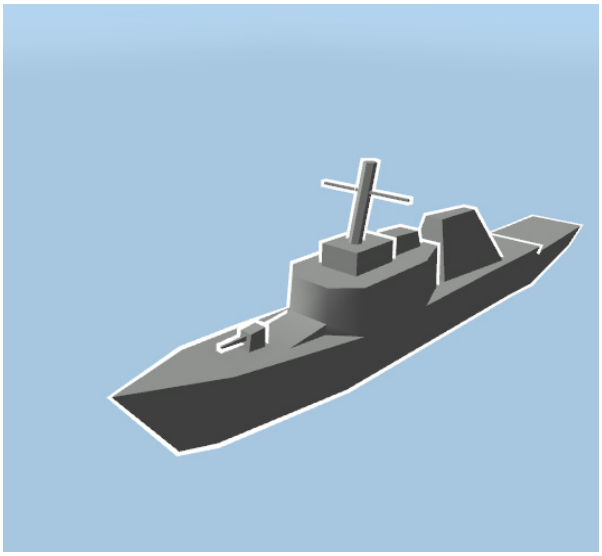
- 1:1:3:218:7:8:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.57. KCR-40 Clurit Class Fast Attack



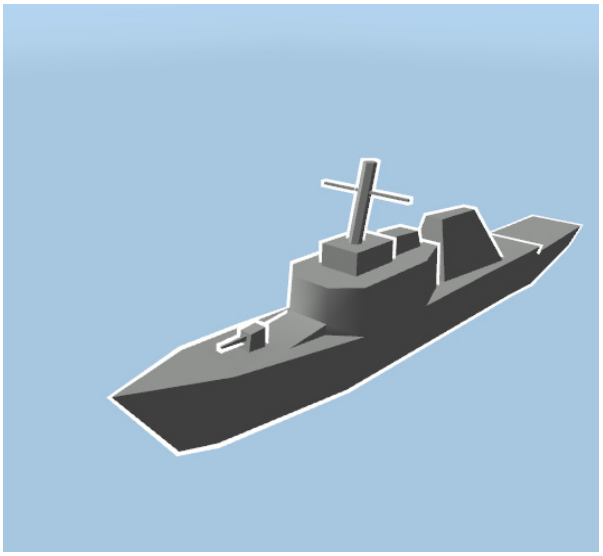
- 1:1:3:100:64:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333334 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.10.58. 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

1.10.59. Karel Doorman Class Frigate



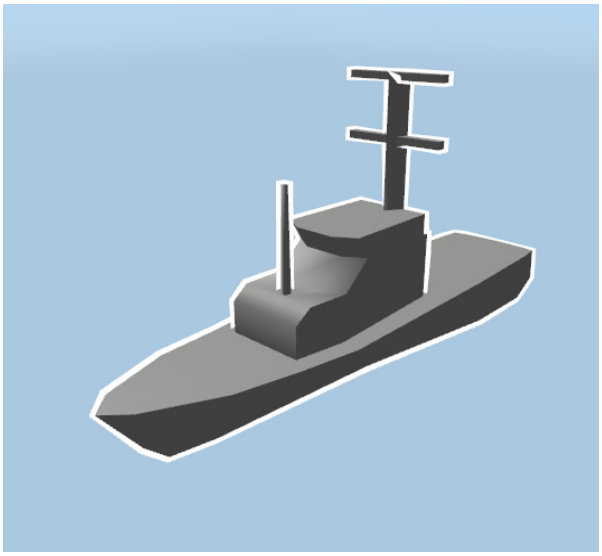
- 1:1:3:153:6:6:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - other: 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

1.10.60. Karel Doorman Class Support Ship (A833)



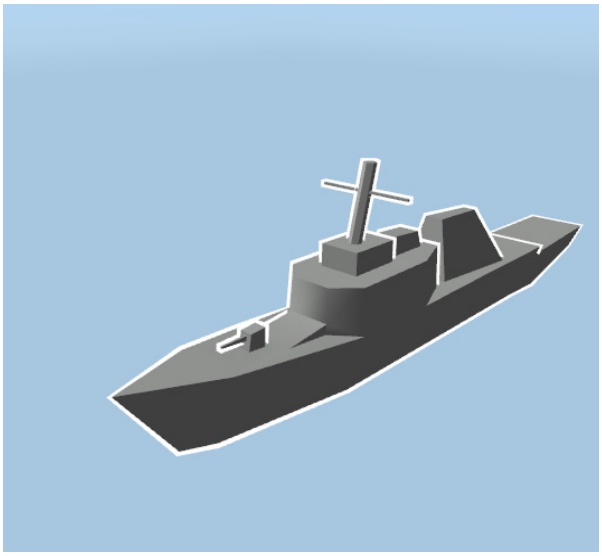
- 1:1:3:153:54:0:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.61. 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

1.10.62. Khareff-class Corvette



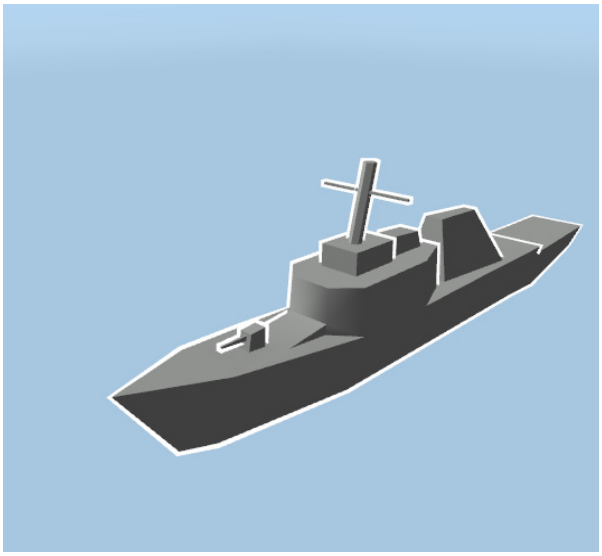
- 1:1:3:164:50:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.63. Kingston Class Patrol



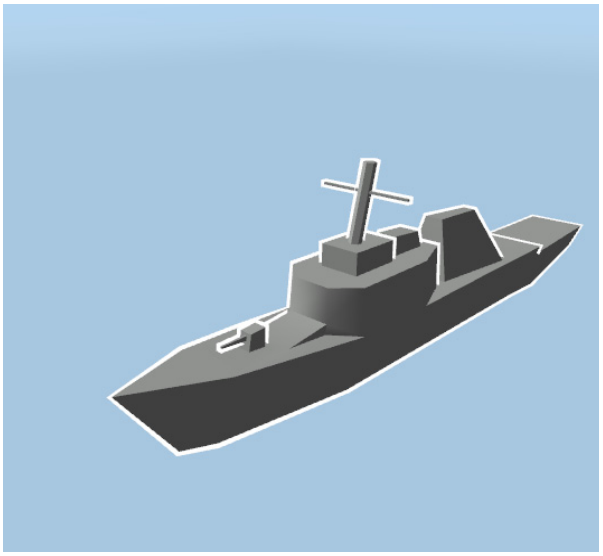
- 1:1:3:39:62:1:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 7.716666666667 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - 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

1.10.64. 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

1.10.65. 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

1.10.66. Krivak-class Guided Missile Frigate



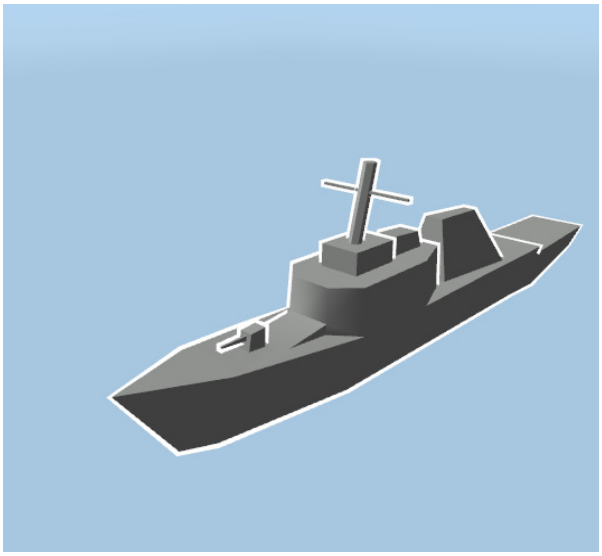
- 1:1:3:222:6:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.4333 m/s
- Ordered speed: 16 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - 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

1.10.67. Kuznetsov Class Carrier



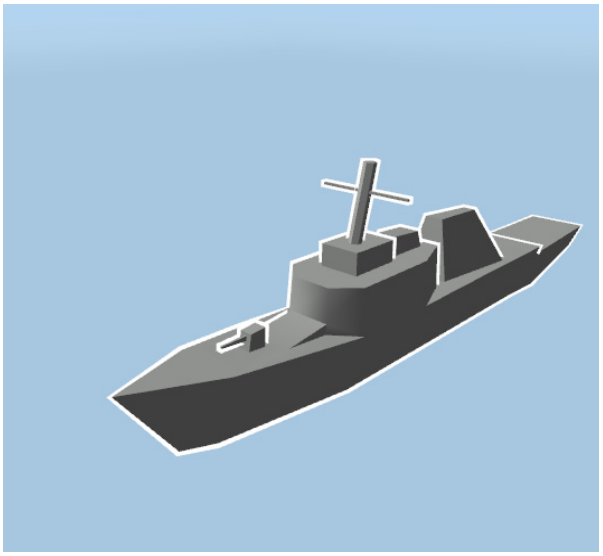
- 1:1:3:222:1:3:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.68. L 14 Albion



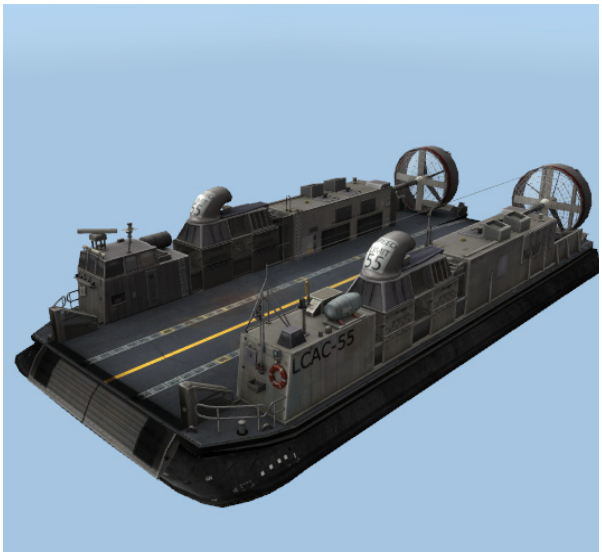
- 1:1:3:224:56:1:3:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 9.166666666667 m/s
- Ordered speed: 7.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.69. L-class Frigate



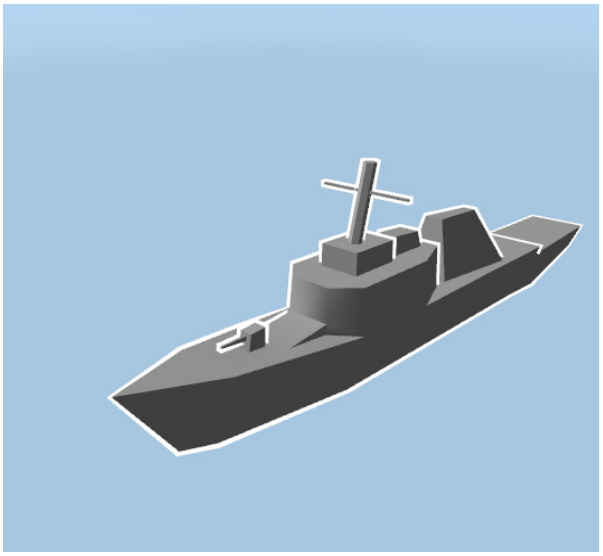
- 1:1:3:153:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - other: 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

1.10.70. LCAC



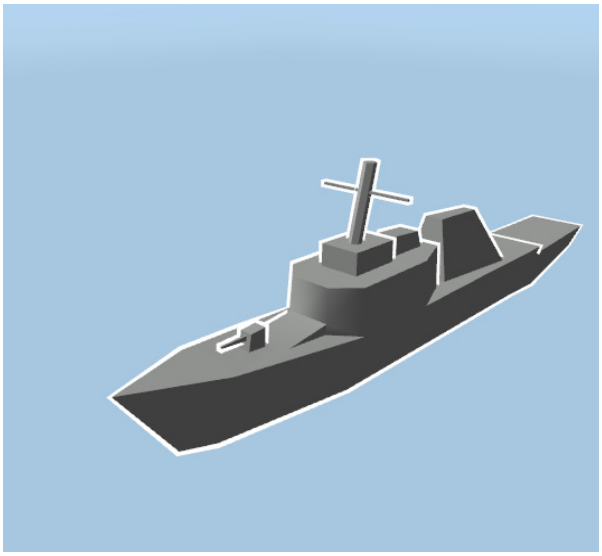
- 1:1:3:225:11:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 20.55555555556 m/s
- Ordered speed: 13.88888888889 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: ground-unarmored.sysdef
  - movement: air-cushion.sysdef
  - 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

1.10.71. LCS Freedom Class



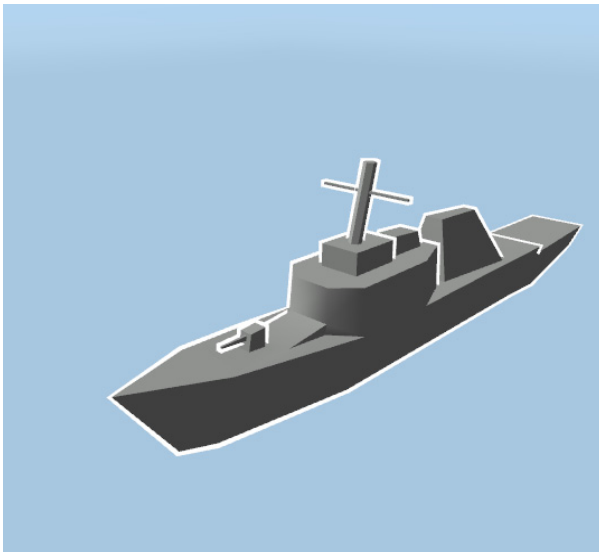
- 1:1:3:225:20:1:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 24.16666666667 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.72. LCS Independence Class



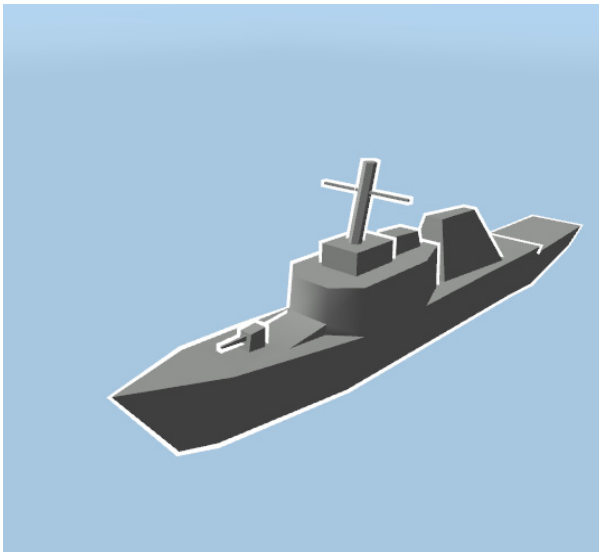
- 1:1:3:225:20:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 22.5 m/s
- Ordered speed: 12.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.73. 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

1.10.74. La Fayette-class Frigate



- 1:1:3:71:6:1:1:0
- 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:
  - 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-4: infrared-sensor.sysdef
  - sensor: active-radar-sensor.sysdef
  - weapon-2: vertical-missile-launcher.sysdef
  - weapon-3: 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: 28
  - visual-signature: 20

1.10.75. 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

1.10.76. Lifeboat Enclosed Freefall



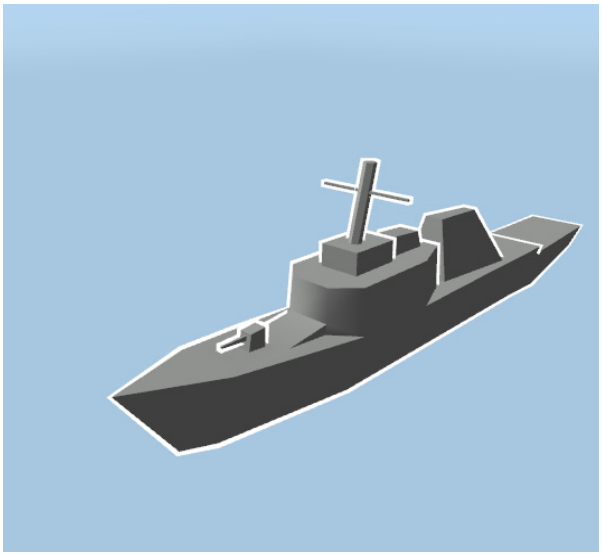
- 1:1:3:0:101:1:3:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 3.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.77. Liferaft Enclosed



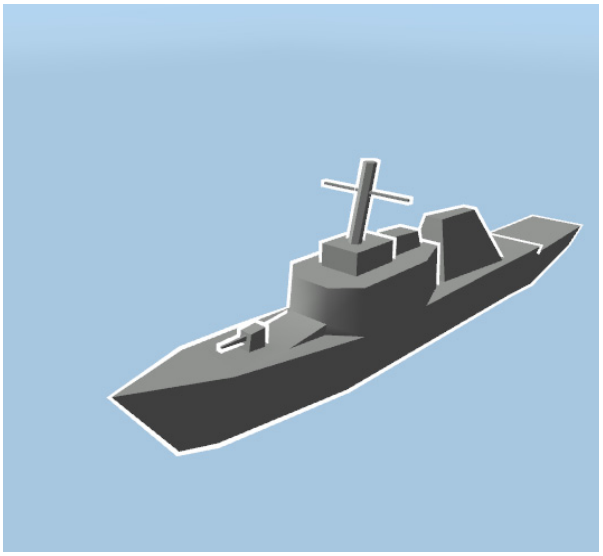
- 1:1:3:0:101:2:2:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 1.944444444444 m/s
- Ordered speed: 1.388888888889 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.78. Lupo-class Frigate



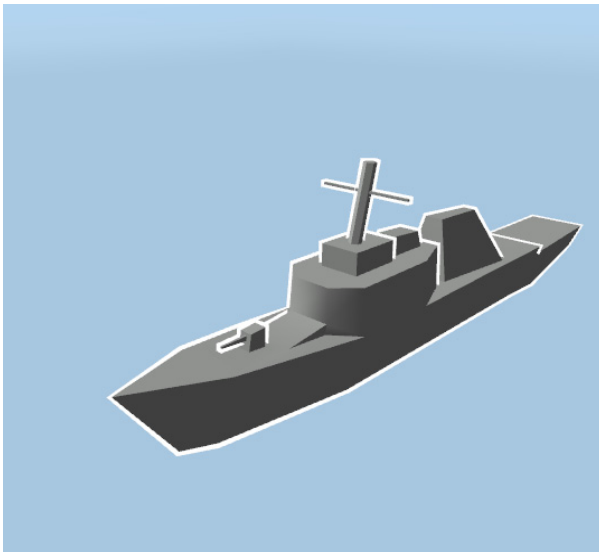
- 1:1:3:106:50:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.79. 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

1.10.80. 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

1.10.81. Marine Protector Class Patrol Boat



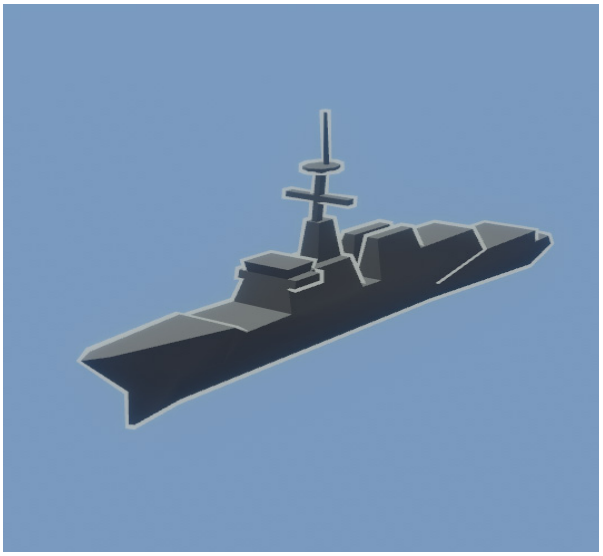
- 1:1:3:225:62:6:13:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.5 m/s
- Ordered speed: 8.333333333333 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.82. Milgem Class Corvette



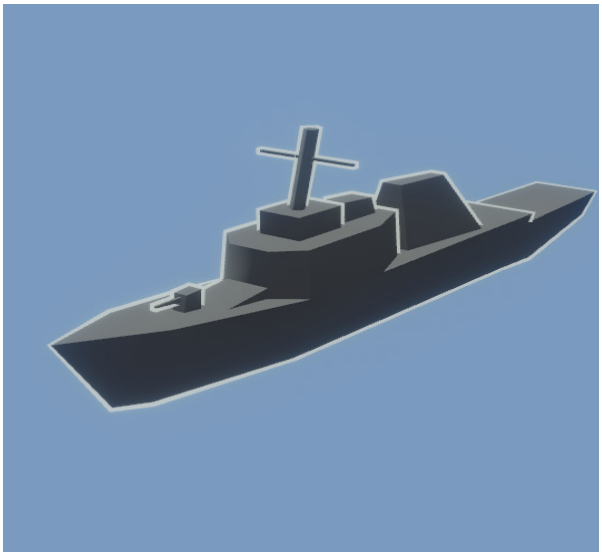
- 1:1:3:218:50:0:0:0
- Can embark: False
- Can be embarked on: False
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.83. Mistral Class AAS



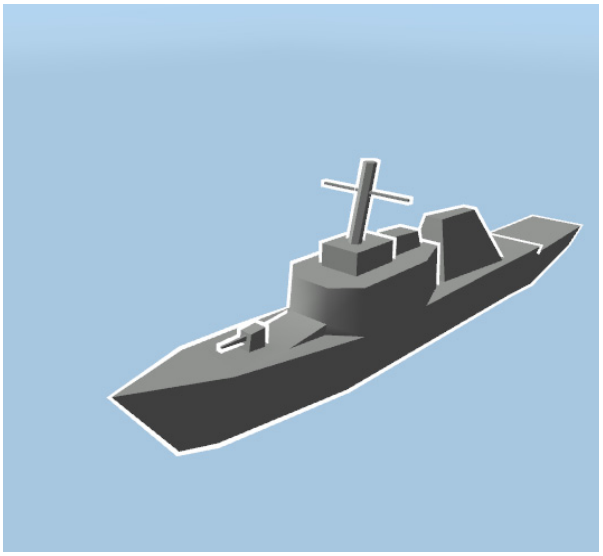
- 1:1:3:71:54:1:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 9.722222222222 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.84. Moudge-class Frigate



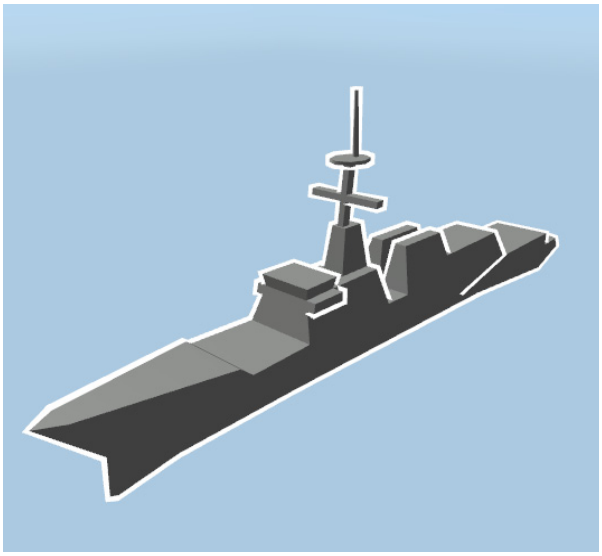
- 1:1:3:101:6:2:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.44444444444 m/s
- Ordered speed: 9.25 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.85. 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-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

1.10.86. 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

1.10.87. National Security Cutter



- 1:1:3:225:62:8:1:0
- 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: 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

1.10.88. Neustrashimyy-class Frigate



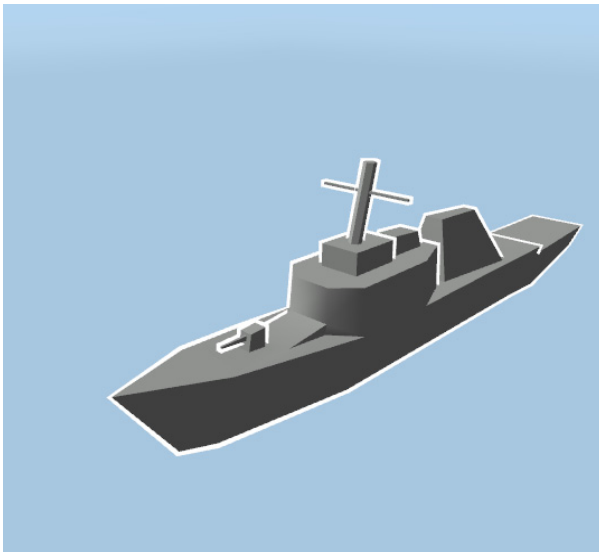
- 1:1:3:222:6:4:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-multiple-hit-damage.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.89. Nimitz-class Carrier



- 1:1:3:225:1:1:8:1
- 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
- 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
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 30
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 40
  - visual-signature: 35

1.10.90. 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

1.10.91. 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

1.10.92. Osprey-class Mine CMS



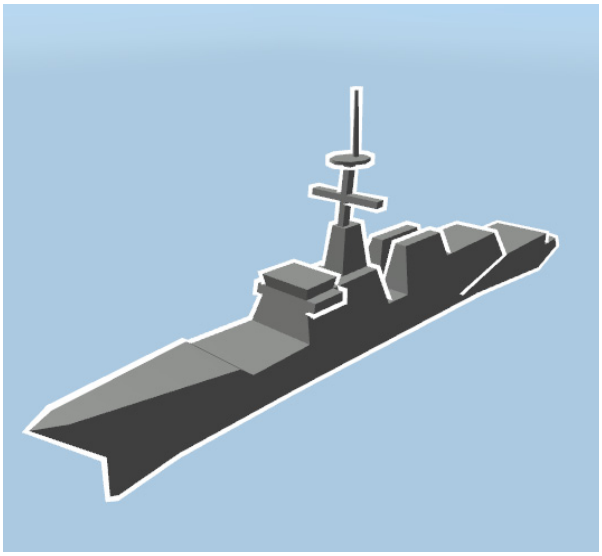
- 1:1:3:225:8:1:1:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.333333333333 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: active-radar-sensor.sysdef
  - 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

1.10.93. Passenger Ferry



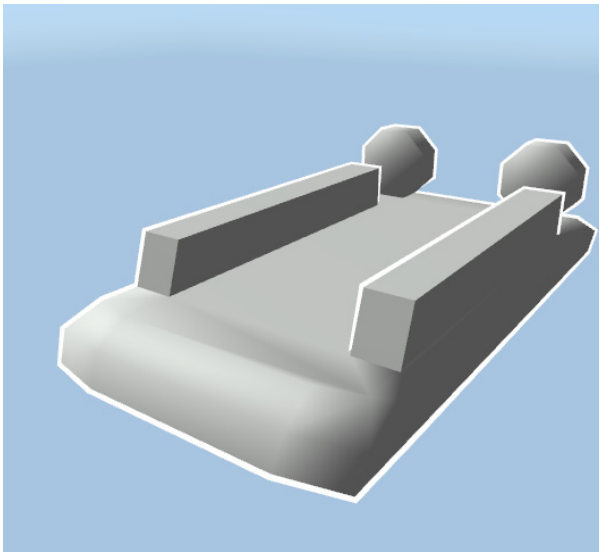
- 1:1:3:0:80:4:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 11.277778 m/s
- Ordered speed: 8.5 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 10
  - infrared-signature: 50
  - mad-signature: 0
  - passive-sonar-signature: 8
  - radar-signature: 50
  - visual-signature: 45

1.10.94. 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

1.10.95. 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

1.10.96. Queen Elizabeth-class Carrier



- 1:1:3:224:1:1:1:0
- Can embark: False
- Can be embarked on: True
- 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

1.10.97. Rigid-Hulled Inflatable Boat - Civilian



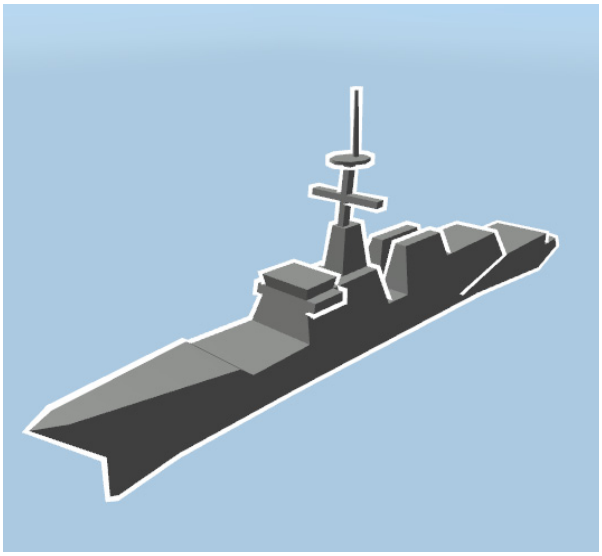
- 1:1:3:225:63:8:0:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-1: airdrop-capable.sysdef
  - sensor: 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

1.10.98. Rigid-Hulled Inflatable Boat



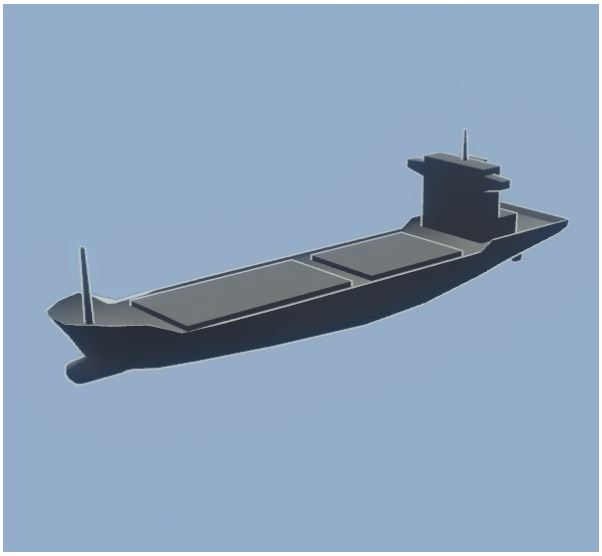
- 1:1:3:225:63:8:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 10 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.99. River-class Patrol Vessel



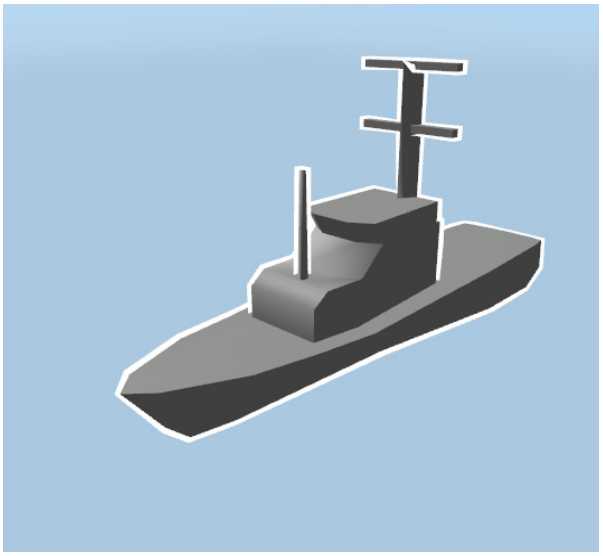
- 1:1:3:105:8:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 10.27777777778 m/s
- Ordered speed: 5.55555555556 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: sonobuoy-deployer.sysdef
  - 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

1.10.100. Runnymede-class Landing Craft Utility 2000



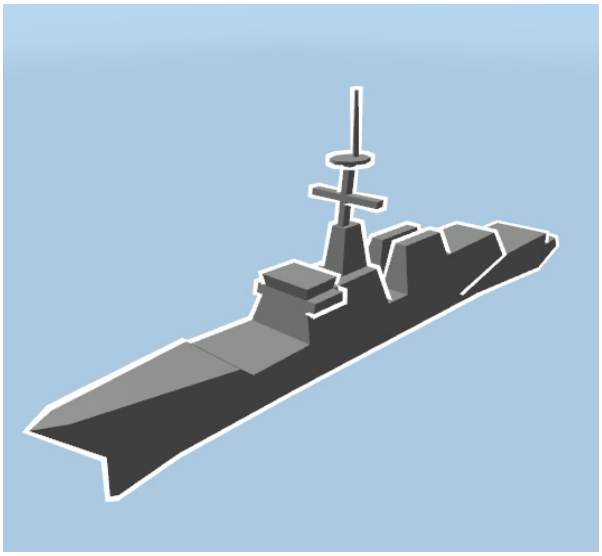
- 1:1:3:225:11:11:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 5.833333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
  - weapon: naval-mine-deployment.sysdef
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 25
  - visual-signature: 10

1.10.101. Saar 4-class Missile Boat



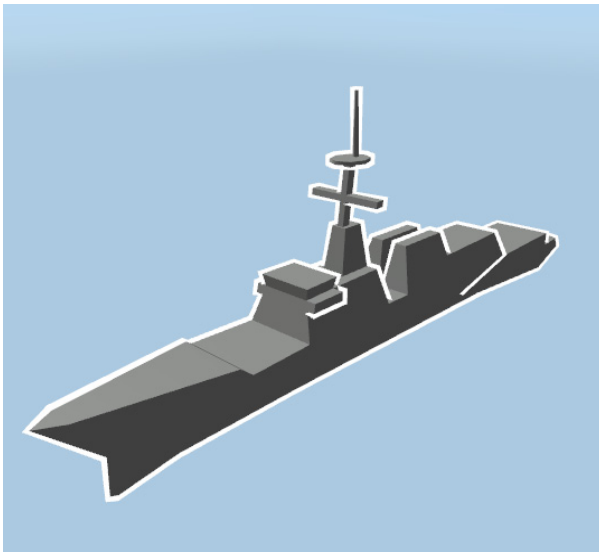
- 1:1:3:105:7:4:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 11.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.10.102. Saar 4.5-class Missile Boat



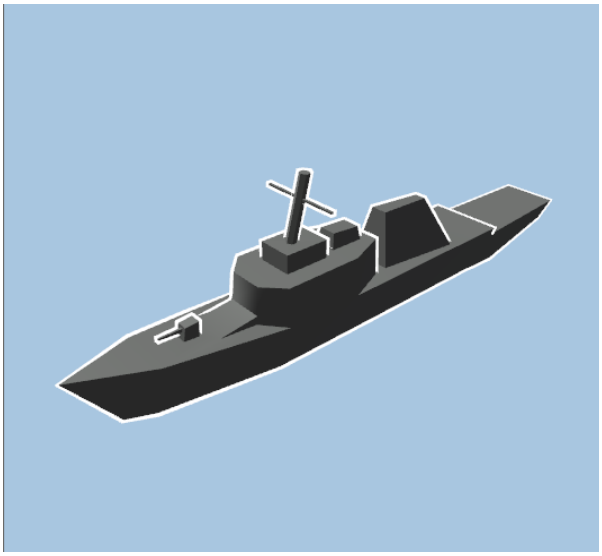
- 1:1:3:105:7:2:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.94444444444 m/s
- Ordered speed: 11.66666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: spot-report-generator.sysdef
  - 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

1.10.103. 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

1.10.104. Sachsen-class Frigate



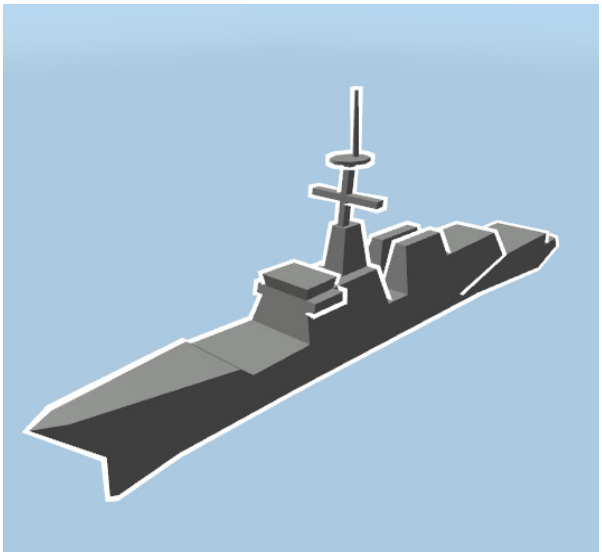
- 1:1:3:78:6:3:0:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15 m/s
- Ordered speed: 6.944444444444 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-gener-ator.sysdef
  - other-2: spot-report-receiver.sysdef
  - 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

1.10.105. Sailboat



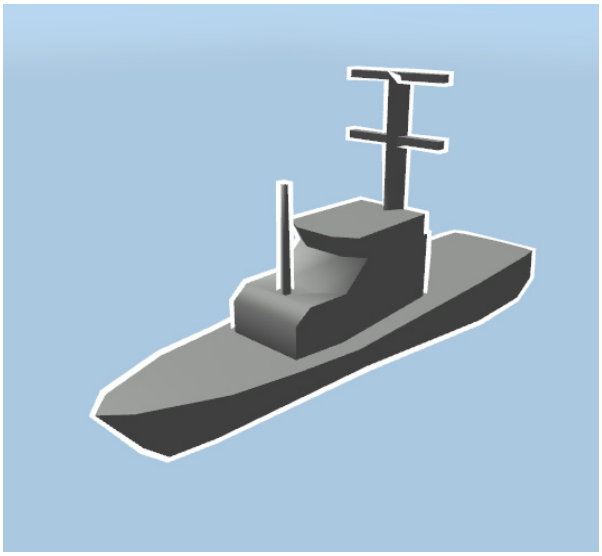
- 1:1:3:0:61:7:0:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 6.17 m/s
- Ordered speed: 3 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.106. Sandown-class Minehunter



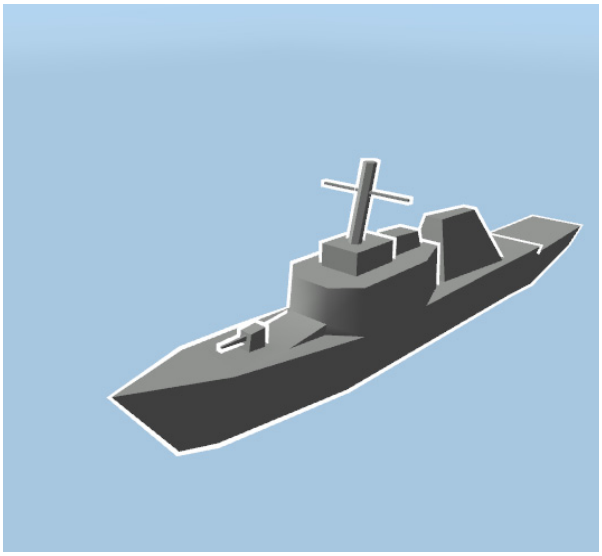
- 1:1:3:224:8:4:1:1
- Can embark: False
- Can be embarked on: False
- Maximum speed: 8.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other: naval-mine-sweep.sysdef
  - sensor-2: sonar-sensor.sysdef
  - sensor-3: passive-radar-sensor.sysdef
  - sensor-4: infrared-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

1.10.107. Sentinel Class (WPC)



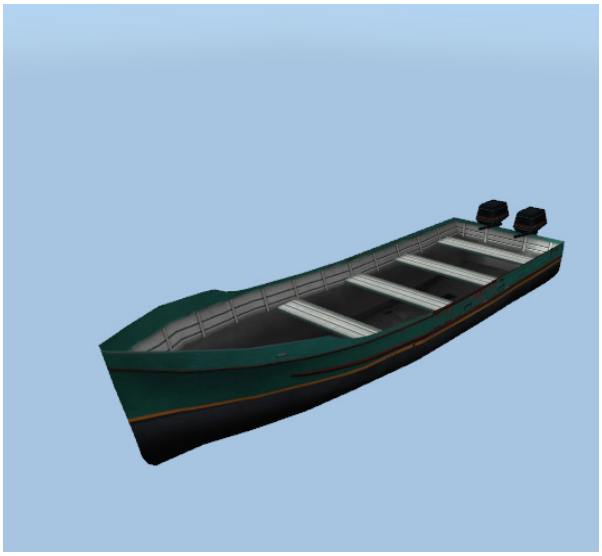
- 1:1:3:225:62:10:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 14.44444444444 m/s
- Ordered speed: 7.5 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.108. 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

1.10.109. Skiff (Green)



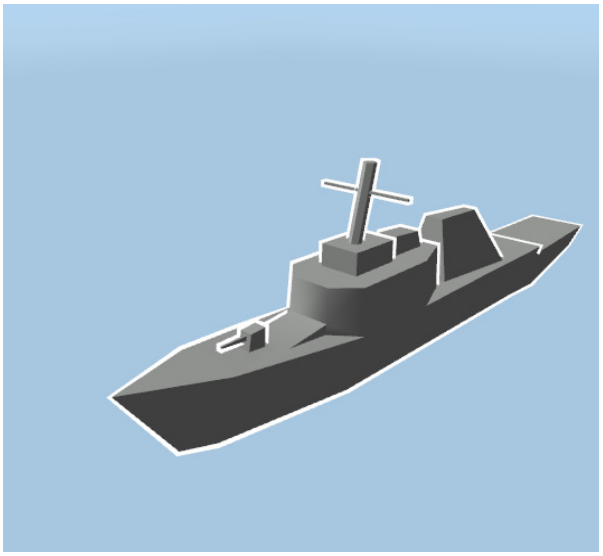
- 1:1:3:0:84:1:0:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.110. Skiff



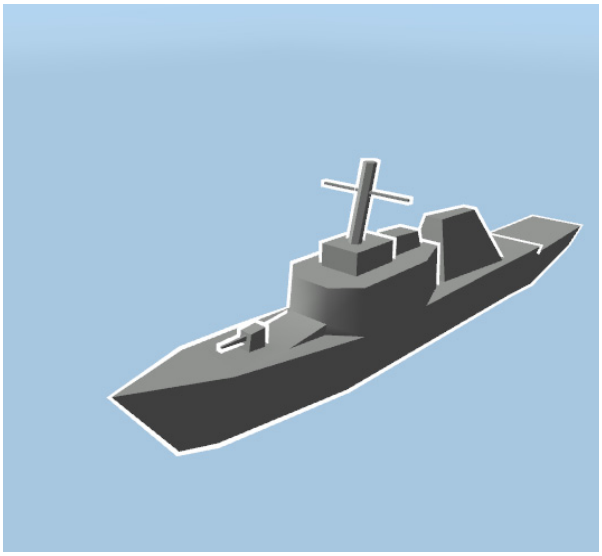
- 1:1:3:0:84:1:0:0
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 12.77777777778 m/s
- Ordered speed: 5.555555555556 m/s
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 10
  - mad-signature: 0
  - passive-sonar-signature: 0.5
  - radar-signature: 20
  - visual-signature: 15

1.10.111. 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

1.10.112. Slava-class Guided Missile Cruiser



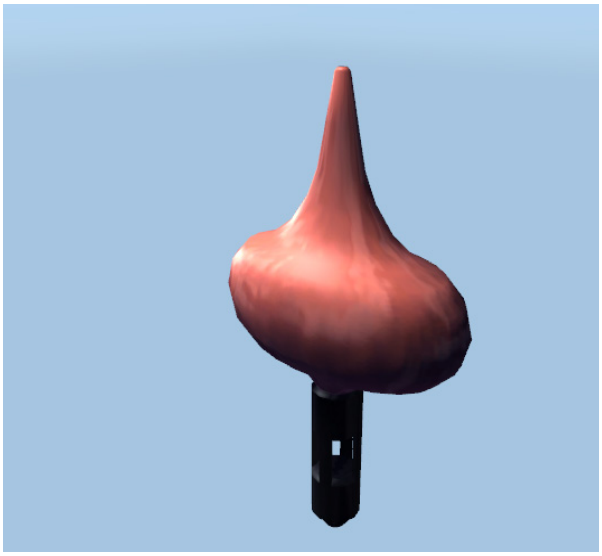
- 1:1:3:222:3:1:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16.38888888889 m/s
- Ordered speed: 10 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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
- Sensor signatures:
  - active-sonar-signature: 8
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 6
  - radar-signature: 28
  - visual-signature: 20

1.10.113. 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

1.10.114. 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

1.10.115. Sovremennyy-class Destroyer



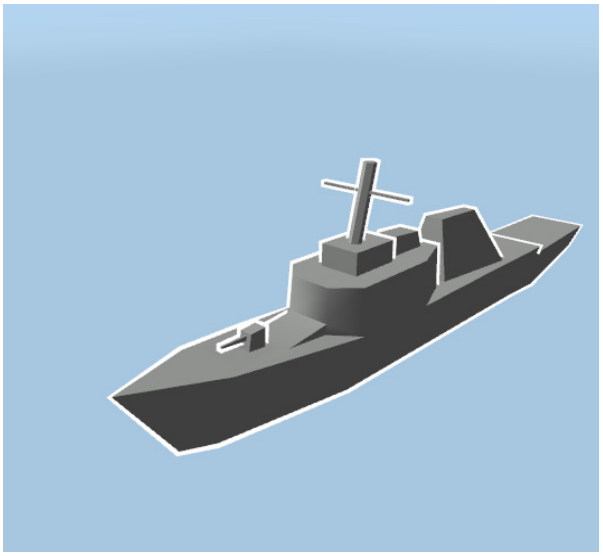
- 1:1:3:222:4:2:1:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 16 m/s
- Ordered speed: 10.16666666667 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.116. Speedboat



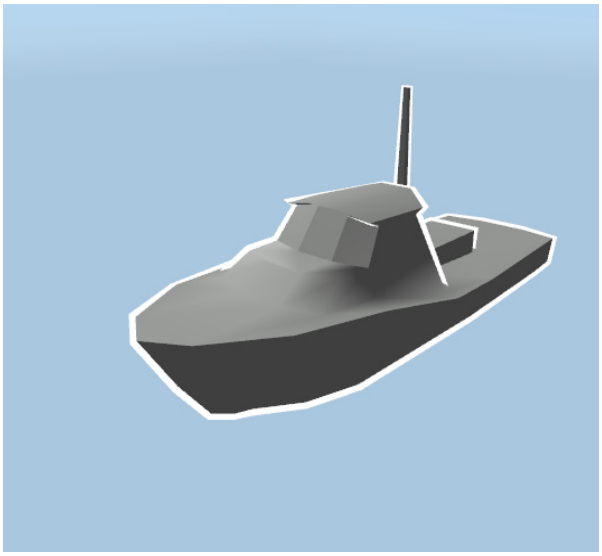
- 1:1:3:0:61:11:0:1
- Can embark: True
- Can be embarked on: True
- Uses object geometry.
- Maximum speed: 15 m/s
- Ordered speed: 8 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-small-craft.sysdef
  - movement: small-boat.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 2
  - infrared-signature: 25
  - mad-signature: 0
  - passive-sonar-signature: 2
  - radar-signature: 25
  - visual-signature: 10

1.10.117. 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

1.10.118. 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

1.10.119. 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

1.10.120. 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

1.10.121. Tiara 3900 Yacht



- 1:1:3:225:84:1:1:1
- 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

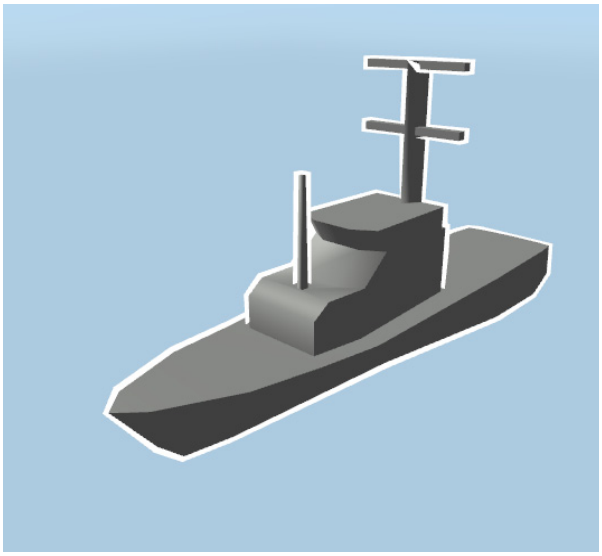
1.10.122. Ticonderoga Class Cruiser



- 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

1.10.123. Tiger-class Fast Attack Craft



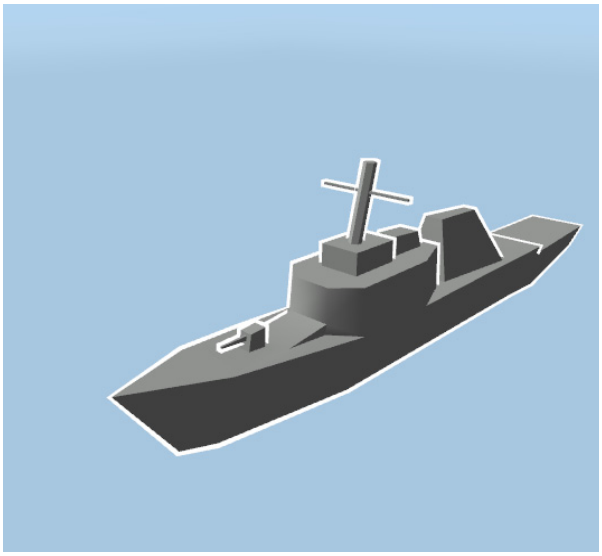
- 1:1:3:78:7:3:0:0
- Can embark: False
- Can be embarked on: False
- Maximum speed: 16.66666666666 m/s
- Ordered speed: 9.444444444448 m/s
- Systems:
  - movement: small-boat.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - other-2: naval-mine-sweep.sysdef
  - other-3: spot-report-generator.sysdef
  - 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

1.10.124. Tugboat



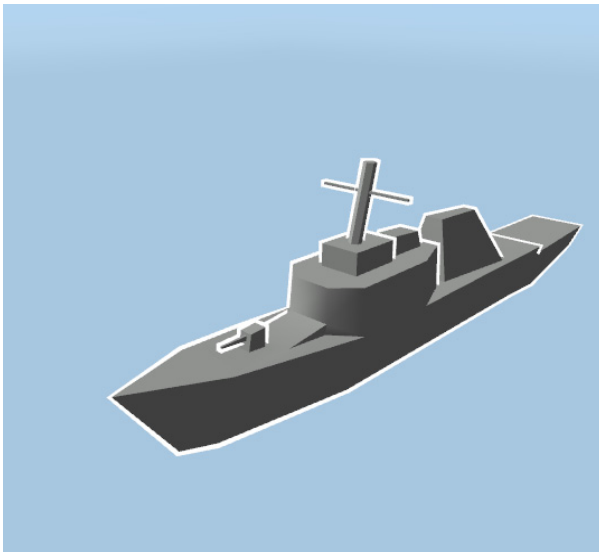
- 1:1:3:0:83:3:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 4.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - sensor: visual-sensor.sysdef
- Sensor signatures:
  - active-sonar-signature: 4
  - infrared-signature: 35
  - mad-signature: 0
  - passive-sonar-signature: 3
  - radar-signature: 30
  - visual-signature: 15

1.10.125. 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

1.10.126. 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

1.10.127. Type 23 Frigate



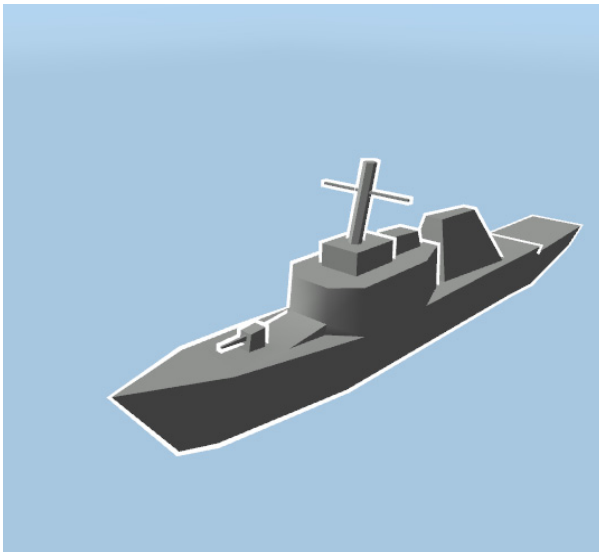
- 1:1:3:224:6:1:1:1
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 15 m/s
- Ordered speed: 8.333333333333 m/s
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - other-10: tdl-surface-message-generator.sysdef
  - 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

1.10.128. Type 26 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

1.10.129. Type 42 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

1.10.130. Type 45 Daring Class Destroyer



- 1:1:3:224:4:2:1:0
- 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

1.10.131. Type-80 Class Large Patrol Boat



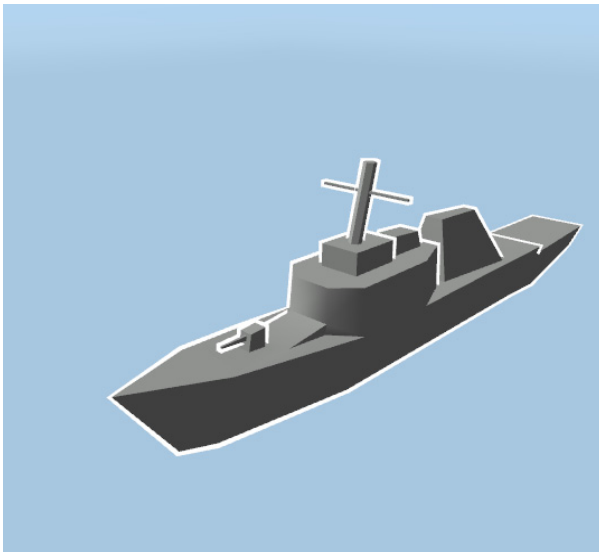
- 1:1:3:218:7:0:0:0
- Can embark: False
- Can be embarked on: True
- Uses object geometry.
- Has navigation data.
- Maximum speed: 4.333333333333 m/s
- Ordered speed: 2.777777777778 m/s
- Materially classified for SensorFX.
- Systems:
  - damage: surface-default.sysdef
  - movement: surface-large-ship.sysdef
  - 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

1.10.132. Udaloy-class Destroyer



- 1:1:3:222:4:1:1:0
- 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

1.10.133. 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

1.10.134. 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

1.10.135. Zumwalt Class Destroyer



- 1:1:3:225:4:8:1:0
- 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_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
- 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
- BTR-90
- 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
- Chengdu J-7
- Chevrolet Caprice
- Colombian Airforce
- Container_Ship
- Container_Ship_Loaded
- DJI S1000
- DJI Spark Quadcopter
- E-2 Hawkeye
- E-3_Sentry
- E-8C JSTARS
- EA-18G Growler
- EA-6B_Prowler
- 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-2975 Tigr-M
- GAZ-66 Truck
- GAZ-69_Utility_Vehicle
- Guided_Missile_Frigate
- HH-60M Black Hawk MEDEVAC
- 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
- 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_ICV
- M113_APC
- M1140 HIMARS
- M1151 HMMWV ECAC
- M1151 HMMWV ECAC with M2
- M1151 HMMWV ECAC with M240
- M1151 HMMWV ECAC with M240B
- M1151 HMMWV ECAC with MK 19
- M1157 Dump Truck
- M1157 FMTV Troop Seat Dump Truck
- M1165A1 HMMWV ECGPV IAP
- M1165A1 HMMWV ECGPV IAP with M2
- M1165A1 HMMWV ECGPV IAP with M240
- M1165A1 HMMWV ECGPV IAP with M240B
- M1165A1 HMMWV ECGPV IAP with MK 19
- M1278 JLTV-GP
- M142 HIMARS ATACMS
- M1977 Common Bridge Transport (CBT)
- M1A2 SEP Abrams
- M1A2 SEP V2 Abrams
- M1A2 SEP V2 Abrams Mineplow
- M1A2 SEP V2 Abrams Mineroller

- M1A2 TUSK Abrams
- 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
- M915 Tractor Truck w_ Patriot Launcher
- M939A2_5-Ton_Truck
- M977_HEMTT_Cargo_Truck
- M978_HEMTT_Fuel_Truck
- M983 HEMTT Patriot Tractor
- M983 HEMTT w_ Patriot Launcher
- M984 HEMTT Wrecker w_ M240B
- M985 HEMTT Heavy Cargo
- 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
- Nimitz-class_Carrier
- 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-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
- Tiara 3900 Yacht
- Type-80 Class Large Patrol Boat
- UH-60 Black Hawk
- UH-60M Black Hawk
- 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



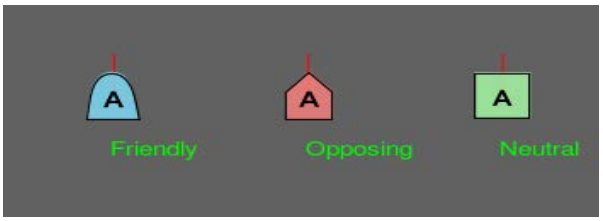
2. AggregateLevel SMS Models

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

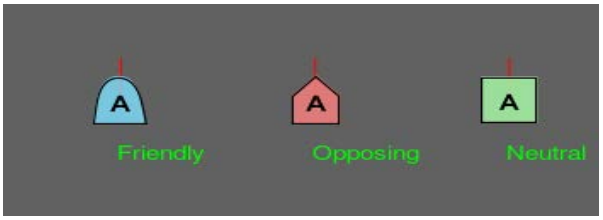
2.1.1. A-10 2-Ship



- 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

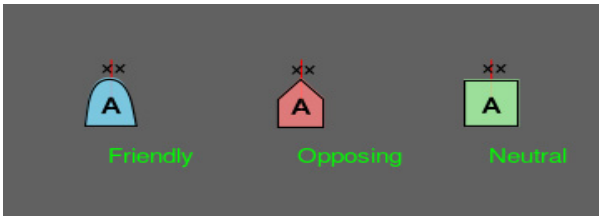
2.1.2. A-10 4-Ship



- 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

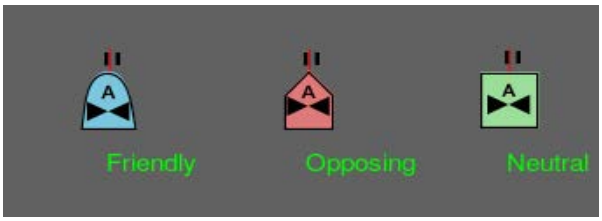
2.1.3. A-10



- 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

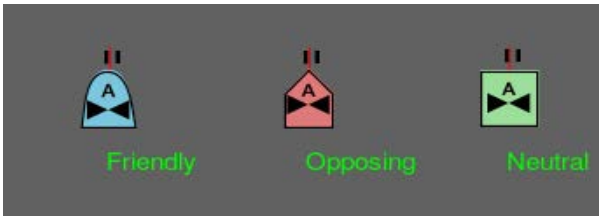
  - radar-signature: 100
  - visual-signature: 2.5

2.1.4. AIR ATK SQDN US solo



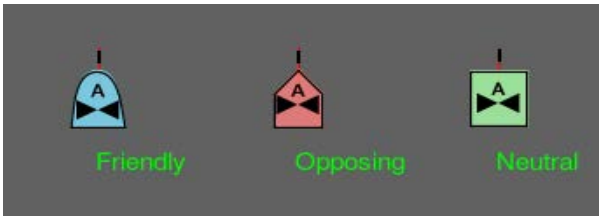
- 3:11:2:225:6:15:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 81.38888888889 m/s
- Ordered speed: 73.61111111111 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 48
  - NCOs: 15
  - Enlisted: 18
- Assemblies:
  - RWA AH-64: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - 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



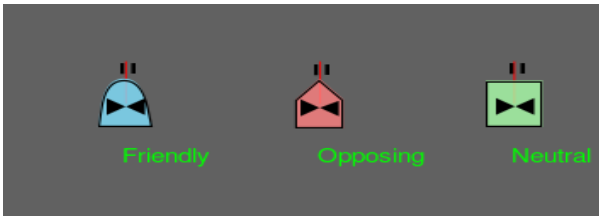
- 3:11:2:225:6:15:0:21
- Can embark: True
- Can be embarked on: False
- Maximum speed: 87.5 m/s
- Ordered speed: 48.61111111111 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA CH-47 CHINOOK: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - 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



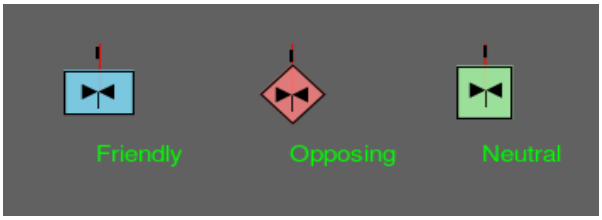
- 3:11:2:225:5:15:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 87.5 m/s
- Ordered speed: 48.61111111111 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA CH-47 CHINOOK: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - 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



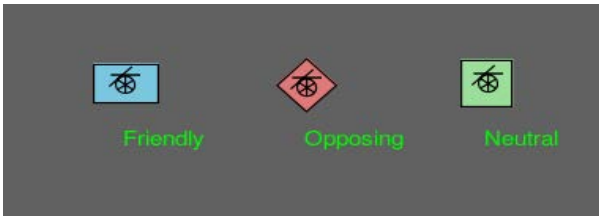
- 3:11:2:225:5:14:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 81.94444444444 m/s
- Ordered speed: 77.22222222222 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 26
  - NCOs: 10
  - Enlisted: 24
- Assemblies:
  - RWA UH-60: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - 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



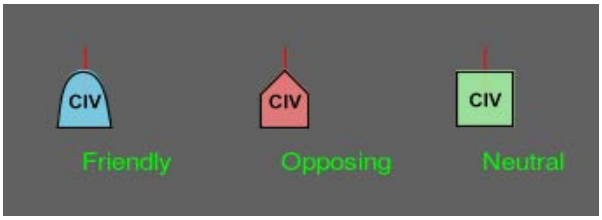
- 1:5:1:0:10:3:0:1
- Can embark: False
- Sensor signatures:
  - active-sonar-signature: 0
  - emissions-signature: 0
  - infrared-signature: 5
  - mad-signature: 0
  - passive-sonar-signature: 0
  - radar-signature: 40
  - visual-signature: 5

2.1.11. Air Cav TRP US



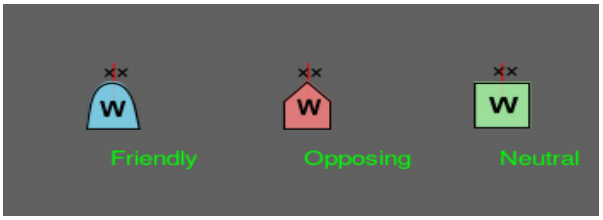
- 3:11:2:225:5:16:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 66.66666666667 m/s
- Ordered speed: 55.55555555556 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 16
  - NCOs: 5
  - Enlisted: 6
- Assemblies:
  - RWA OH-58: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - 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



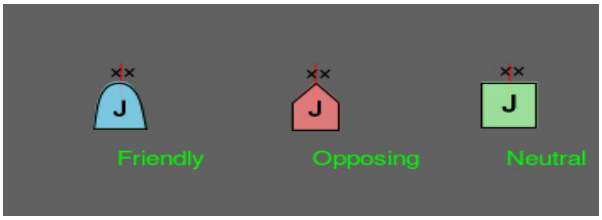
- 3:11:2:-1:1:13:0:6
- Can embark: False
- Can be embarked on: False
- Maximum speed: 588.8888888889 m/s
- Ordered speed: 250 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Systems:
  - aggregated-movement: aircraft-aggregated-movement.sysdef
  - other-10: tdl-air-message-generator.sysdef
  - 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



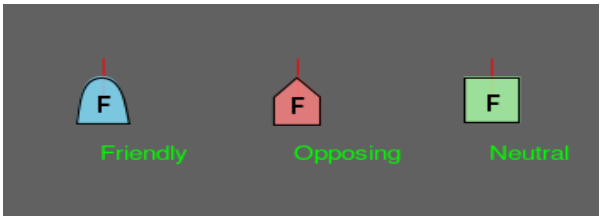
- 3:11:2:225:9:8:4:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 237.5 m/s
- Ordered speed: 161.1111111111 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Systems:
  - aerialfuelreceiver: boom-aerial-fuel-receiver.sysdef
  - aggregated-movement: 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

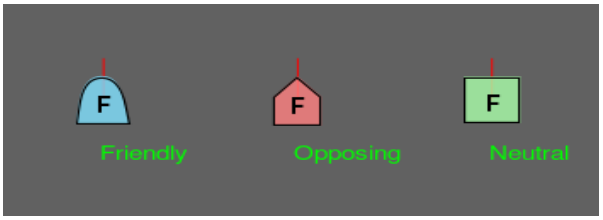
2.1.15. F-16C 2-Ship



- 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

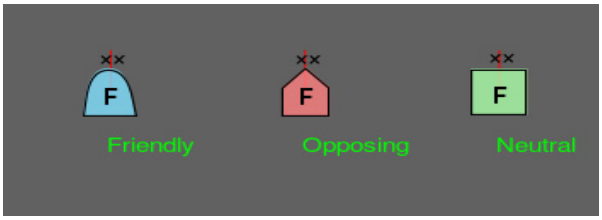
2.1.16. F-16C 4-Ship



- 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

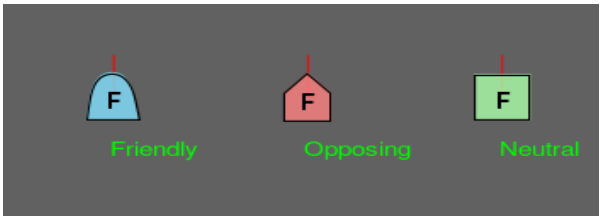
2.1.17. F-16C



- 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

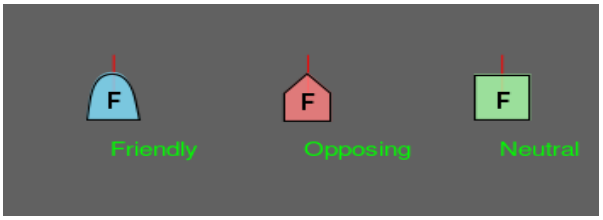
2.1.18. F/A-18 2-Ship



- 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

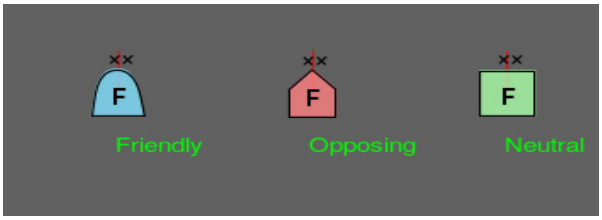
2.1.19. F/A-18 4-Ship



- 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

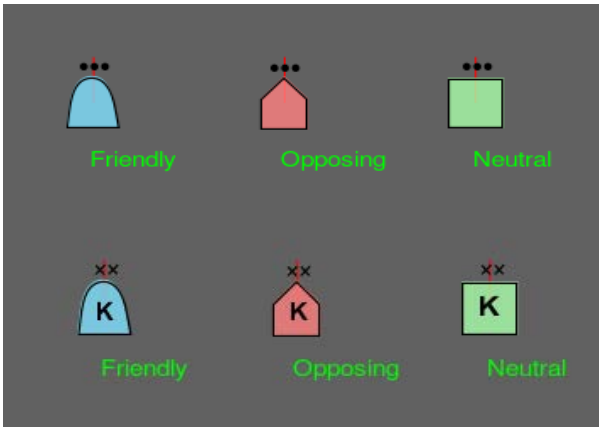


- 3:11:2:225:9:1:9:10
- Can embark: True
- Can be embarked on: False
- Maximum speed: 685 m/s
- Ordered speed: 300 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 0
- Assemblies:
  - F/A-18: 0
- Systems:
  - aerialfuelreceiver: drogue-aerial-fuel-receiver.sysdef
  - 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

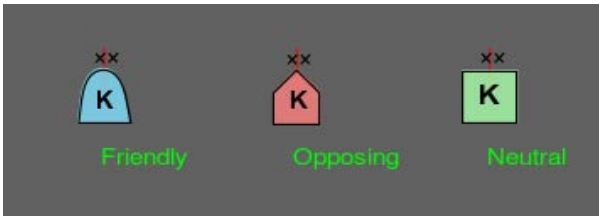
- 3:11:2:-1:3:-1:-1:-1



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

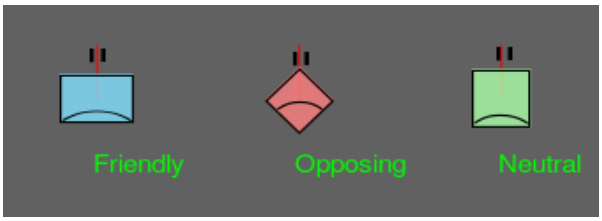
2.1.23. KC-135A



- 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

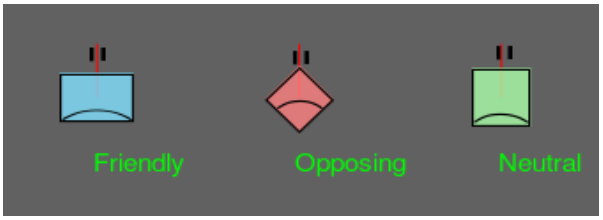
2.2. Aggregate

2.2.1. ADA BN RU solo



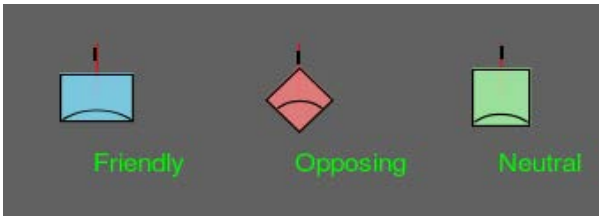
- 3:11:1:260:6:11:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 25
  - Enlisted: 60
- Assemblies:
  - 9K330: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



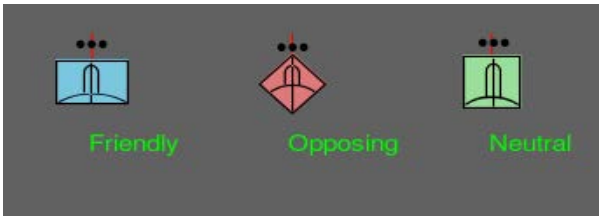
- 3:11:1:225:6:11:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 30
  - Enlisted: 60
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



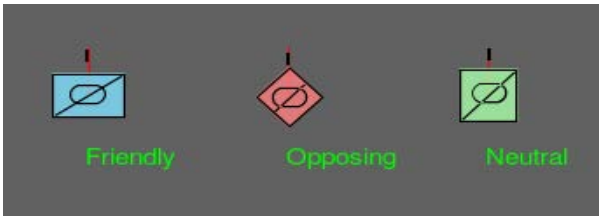
- 3:11:1:225:4:11:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 19
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



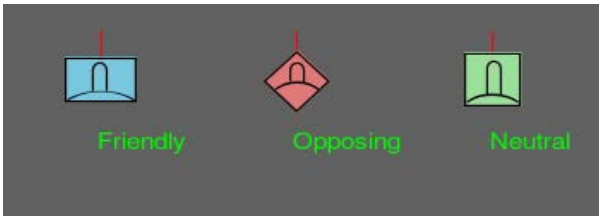
- 3:11:1:225:3:11:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 19
- Assemblies:
  - HMMWV- Avenger: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



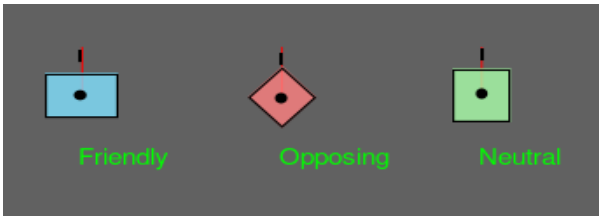
- 3:11:1:225:5:6:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 30
  - Enlisted: 27
- Assemblies:
  - M1A2: 0
  - M3A3: 0
  - M1064: 0
- Systems:
  - aggregated-movement: 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



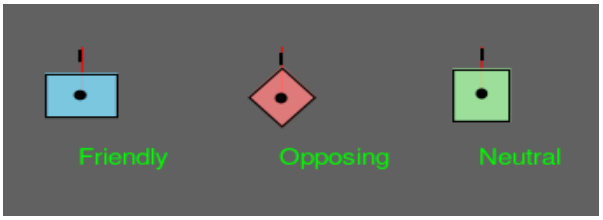
- 3:11:1:225:2:11:2:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 0 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Systems:
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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



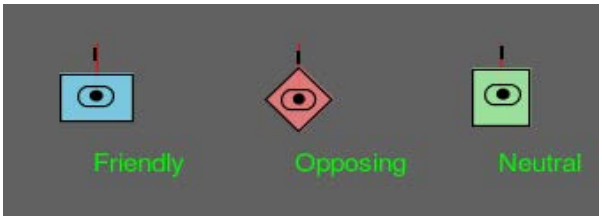
- 3:11:1:260:4:7:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - Truck: 0
  - Howitzer, 122mm: 0
- Systems:
  - aggregated-movement: 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



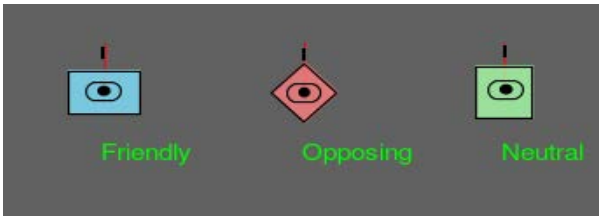
- 3:11:1:225:4:7:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - Howitzer, 155mm: 0
  - HMMWV: 0
  - Truck: 0
- Systems:
  - 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



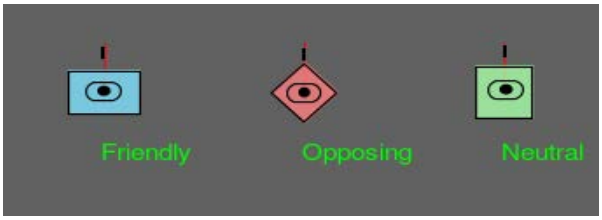
- 3:11:1:260:4:8:1:100
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 34
- Assemblies:
  - 2S19 SPA: 0
  - Truck: 0
- Systems:
  - aggregated-movement: 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



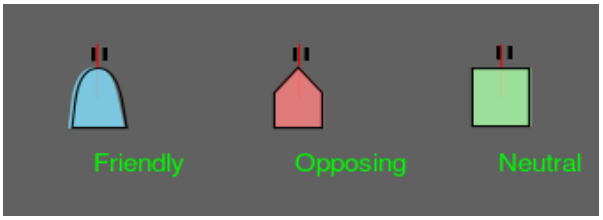
- 3:11:1:260:4:8:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 2
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 34
- Assemblies:
  - 2S19 SPA: 0
  - Truck: 0
- Systems:
  - aggregated-movement: 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



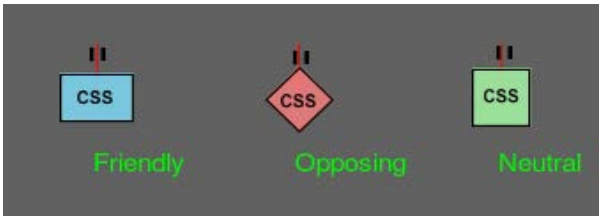
- 3:11:1:225:4:8:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 31
  - Enlisted: 35
- Assemblies:
  - M109A6: 0
  - M992 ammo carrier: 0
- Systems:
  - aggregated-movement: 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



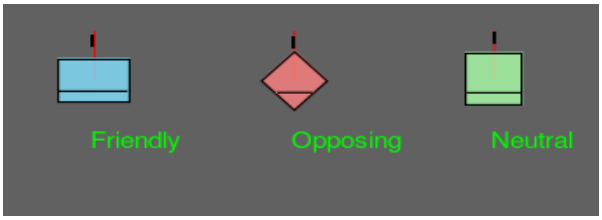
- 3:11:1:206:6:34:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 150
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - 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



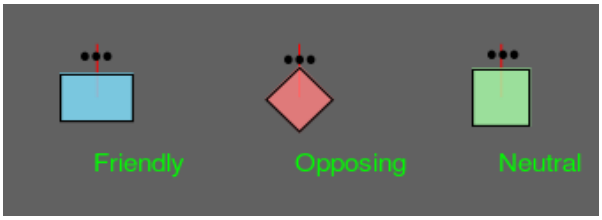
- 3:11:1:225:6:31:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 24
  - Enlisted: 150
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



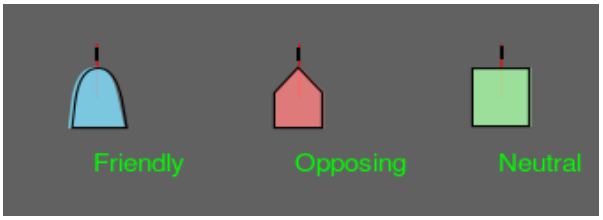
- 3:11:1:225:5:31:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 50
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



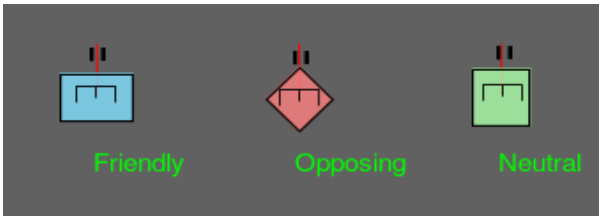
- 3:11:1:225:3:31:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 50
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



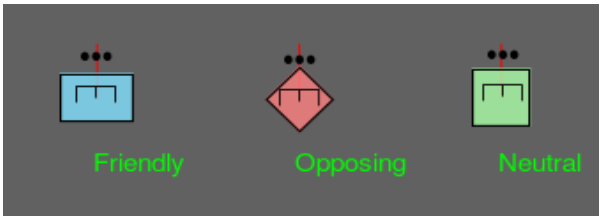
- 3:11:1:206:5:34:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 50
- Systems:
  - aggregated-movement: infantry-aggregated-movement.sysdef
  - obstacle-destruction: 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



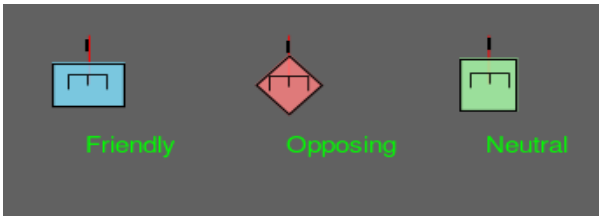
- 3:11:1:225:6:10:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: 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



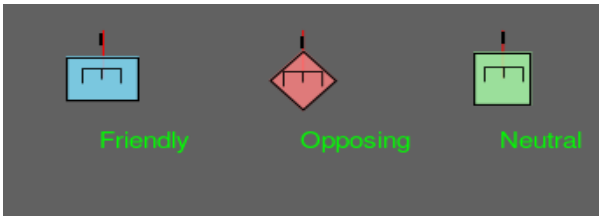
- 3:11:1:225:3:10:0:0
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 3
  - Enlisted: 12
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: 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



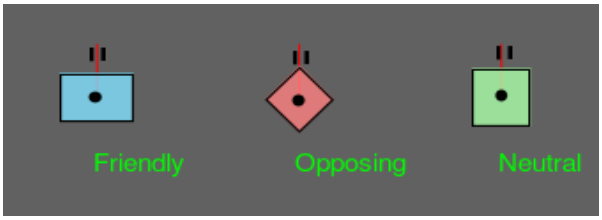
- 3:11:1:225:5:10:1:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: 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



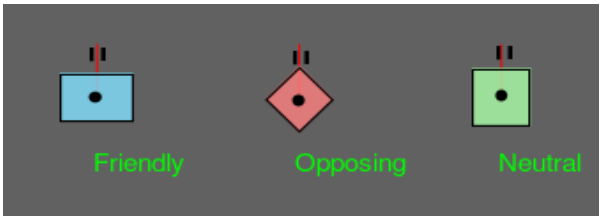
- 3:11:1:225:5:10:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 62
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: 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



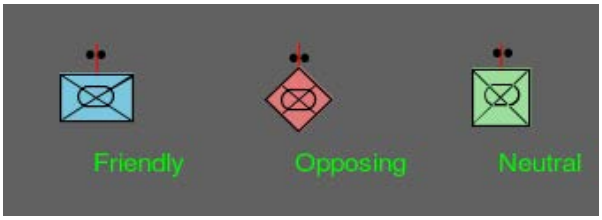
- 3:11:1:260:6:7:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 0
  - NCOs: 88
  - Enlisted: 88
- Assemblies:
  - Truck: 0
  - Howitzer, 122mm: 0
- Systems:
  - aggregated-movement: 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



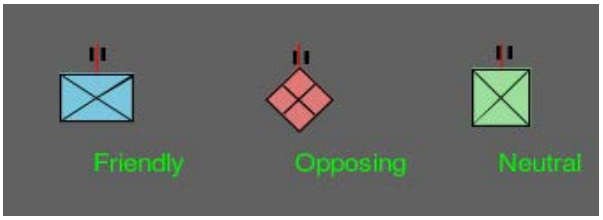
- 3:11:1:225:6:7:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 9
  - Warrant Officers: 0
  - NCOs: 121
  - Enlisted: 82
- Assemblies:
  - Howitzer, 155mm: 0
  - HMMWV: 0
  - Truck: 0
- Systems:
  - 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



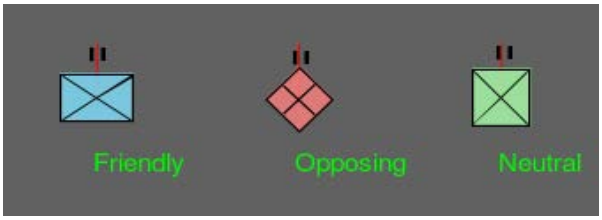
- 3:11:1:225:14:4:1:2
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 1
  - Enlisted: 2
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - obstacle-destruction: 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



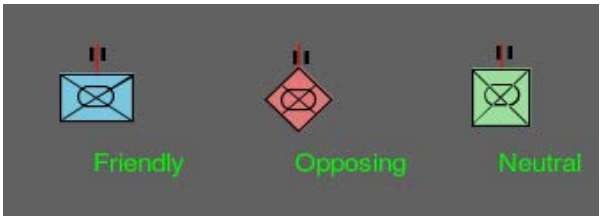
- 3:11:1:260:6:3:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 100
  - Enlisted: 417
- Assemblies:
  - Rifle PLT RU: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: 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



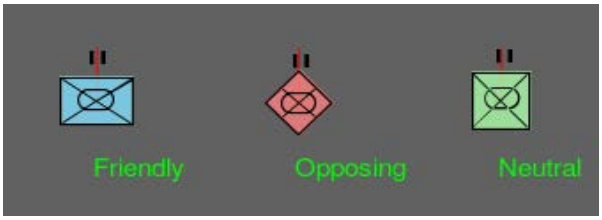
- 3:11:1:225:6:3:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 108
  - Enlisted: 300
- Assemblies:
  - Rifle PLT US: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: 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



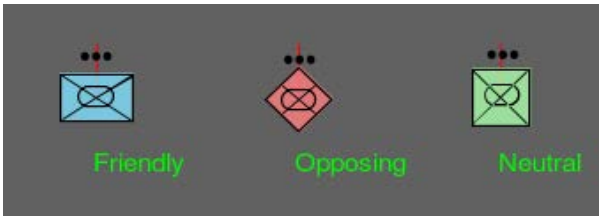
- 3:11:1:260:6:4:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 18
  - Warrant Officers: 0
  - NCOs: 75
  - Enlisted: 192
- Assemblies:
  - BMP-2: 0
  - Mech Inf PLT RU: 0
- Systems:
  - aggregated-movement: 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



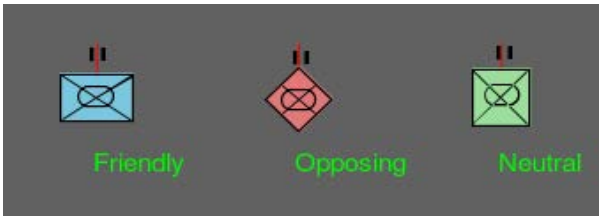
- 3:11:1:225:6:4:1:20
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 72
  - Enlisted: 220
- Assemblies:
  - M1064: 0
  - Inf PLT: 0
- Systems:
  - aggregated-movement: 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



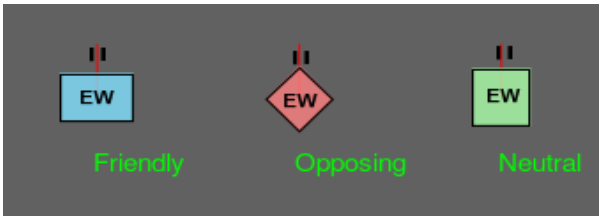
- 3:11:1:225:3:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 19
  - Enlisted: 24
- Assemblies:
  - Inf PLT: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



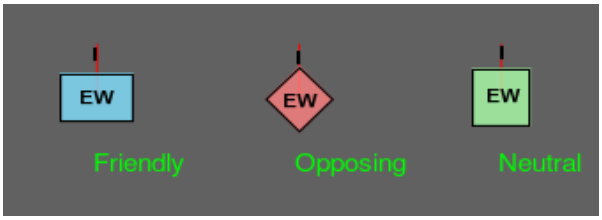
- 3:11:1:225:6:33:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 15
  - Warrant Officers: 0
  - NCOs: 120
  - Enlisted: 300
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



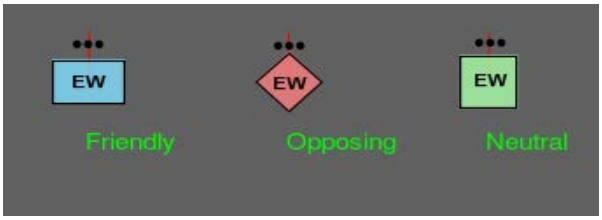
- 3:11:1:225:6:21:0:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 108
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



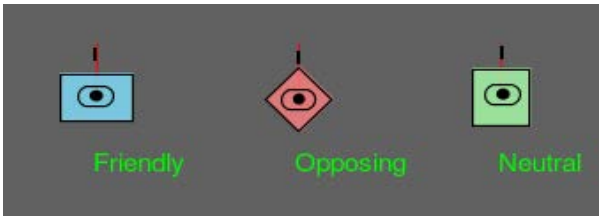
- 3:11:1:225:5:21:0:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 36
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



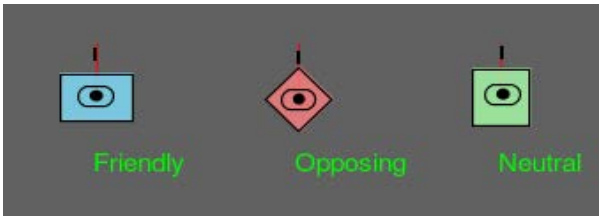
- 3:11:1:225:3:21:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 0
  - Enlisted: 19
- Assemblies:
  - Truck: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



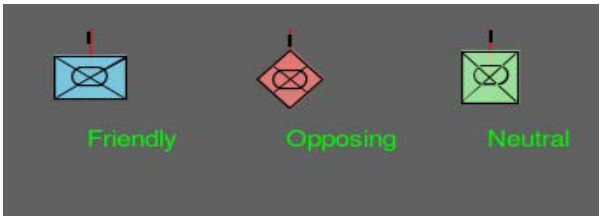
- 3:11:1:225:4:8:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - M270 MRLS: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



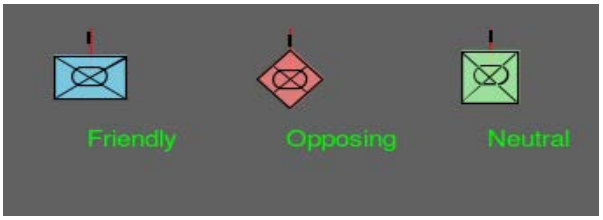
- 3:11:1:260:4:8:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 27
  - Enlisted: 26
- Assemblies:
  - 9P140 Uragan: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



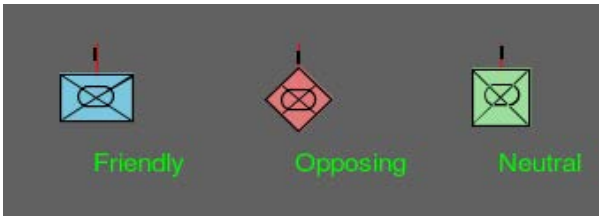
- 3:11:1:260:5:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 6
  - Warrant Officers: 0
  - NCOs: 25
  - Enlisted: 66
- Assemblies:
  - BMP-2: 0
  - Mech Inf PLT RU: 0
- Systems:
  - aggregated-movement: 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



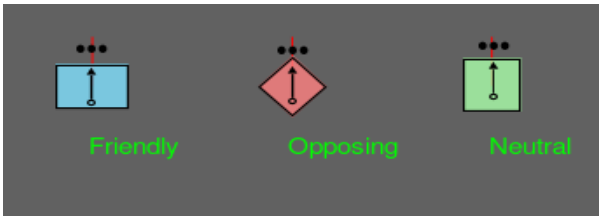
- 3:11:1:225:5:4:1:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 57
  - Enlisted: 72
- Assemblies:
  - Inf PLT: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



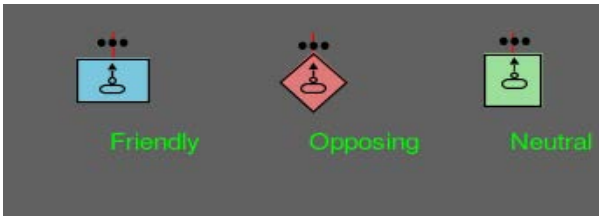
- 3:11:1:225:5:33:1:3
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 99
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



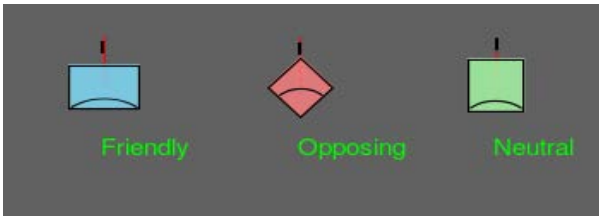
- 3:11:1:225:3:7:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 18
- Assemblies:
  - Mortar, 120mm: 0
  - HMMWV- .50cal: 0
- Systems:
  - aggregated-movement: 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



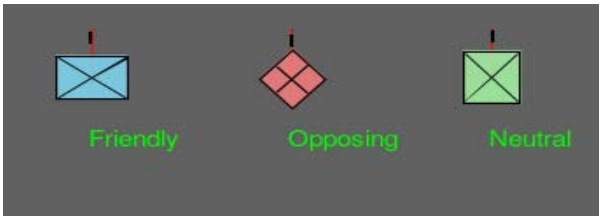
- 3:11:1:225:3:8:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 16.66666666667 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 8
  - Enlisted: 14
- Assemblies:
  - M1064: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



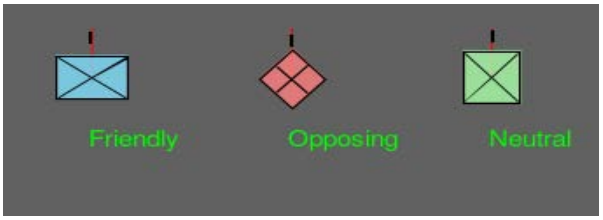
- 3:11:1:225:4:11:1:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 10
  - Enlisted: 50
- Assemblies:
  - PAC-3: 0
- Systems:
  - aggregated-movement: motorized-aggregated-movement.sysdef
  - 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



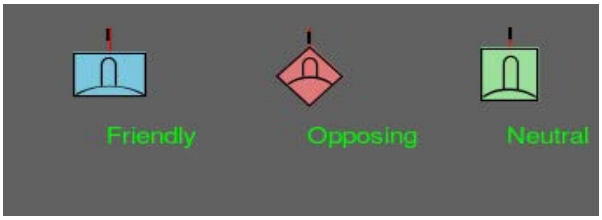
- 3:11:1:260:5:3:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 20
  - Enlisted: 139
- Assemblies:
  - Rifle PLT RU: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: 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



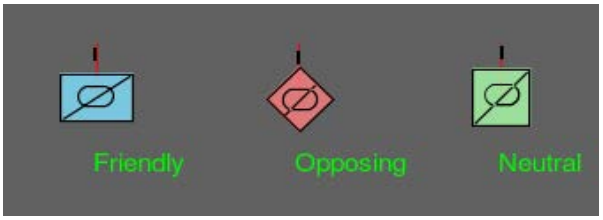
- 3:11:1:225:5:3:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 2.222222222222 m/s
- Ordered speed: 1.388888888889 m/s
- Personnel:
  - Officers: 5
  - Warrant Officers: 0
  - NCOs: 36
  - Enlisted: 99
- Assemblies:
  - Rifle PLT US: 0
  - Mortar, 60mm: 0
- Systems:
  - aggregated-movement: 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



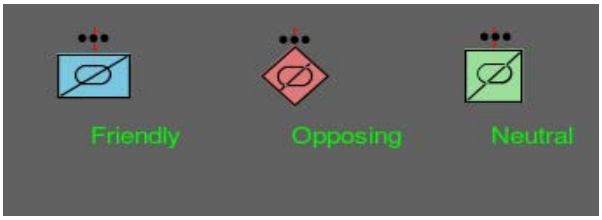
- 3:11:1:260:4:11:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 18.05555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Assemblies:
  - 9K330: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



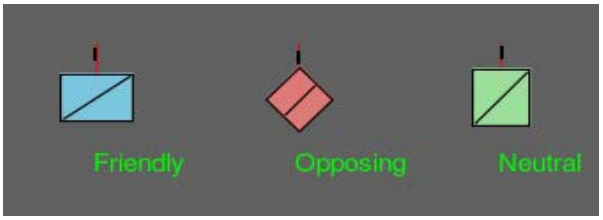
- 3:11:1:225:5:6:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 20
  - Enlisted: 42
- Assemblies:
  - M3A3: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



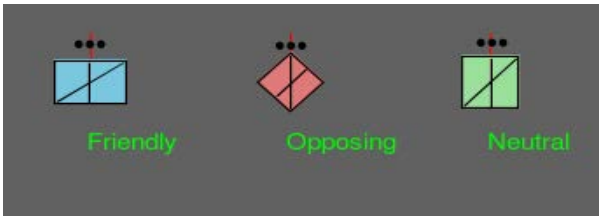
- 3:11:1:225:3:6:0:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 11.11111111111 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 5
  - Enlisted: 12
- Assemblies:
  - M3A3: 0
- Systems:
  - aggregated-movement: mech-aggregated-movement.sysdef
  - 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



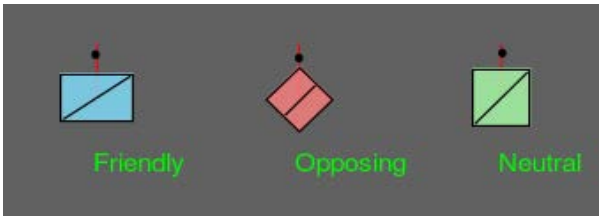
- 3:11:1:225:5:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 20
- Assemblies:
  - HMMWV- .50cal: 0
  - HMMWV- Mk19: 0
- Systems:
  - aggregated-movement: 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



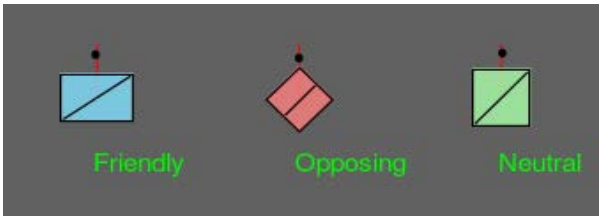
- 3:11:1:225:3:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 9
  - Enlisted: 20
- Assemblies:
  - HMMWV- .50cal: 0
  - HMMWV- Mk19: 0
- Systems:
  - aggregated-movement: 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



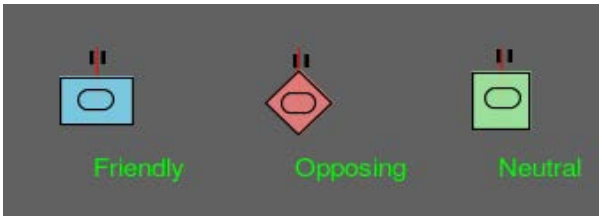
- 3:11:1:225:13:5:0:1
- Can embark: True
- Can be embarked on: True
- Maximum speed: 22.22222222222 m/s
- Ordered speed: 13.88888888889 m/s
- Personnel:
  - Officers: 0
  - Warrant Officers: 0
  - NCOs: 3
  - Enlisted: 5
- Assemblies:
  - HMMWV- Mk19: 0
  - Rifle SQD US: 0
- Systems:
  - aggregated-movement: 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



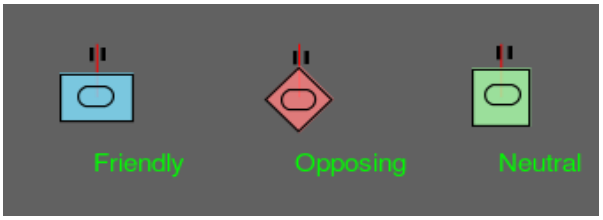
- 3:11:1:225:2:11:3:0
- Can embark: True
- Can be embarked on: False
- Maximum speed: 0 m/s
- Ordered speed: 0 m/s
- Personnel:
  - Officers: 3
  - Warrant Officers: 0
  - NCOs: 7
  - Enlisted: 20
- Systems:
  - obstacle-destruction: simple-obstacle-destroyer.sysdef
  - other-10: tdl-ground-message-generator.sysdef
  - 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



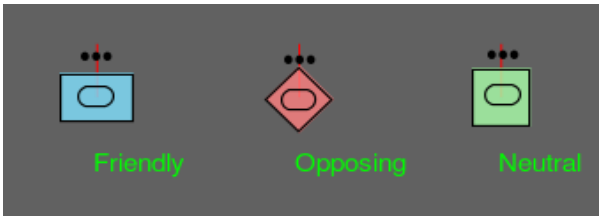
- 3:11:1:260:6:2:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 12
  - Warrant Officers: 0
  - NCOs: 12
  - Enlisted: 60
- Assemblies:
  - T-80: 0
  - M1064: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - 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



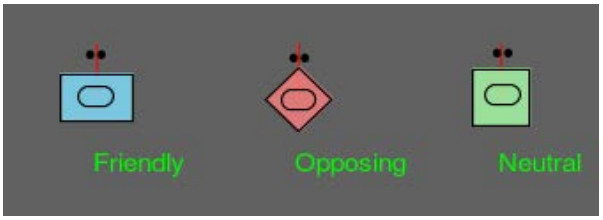
- 3:11:1:225:6:2:1:20
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 16
  - Warrant Officers: 0
  - NCOs: 98
  - Enlisted: 95
- Assemblies:
  - M1A2: 0
  - M1064: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - 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



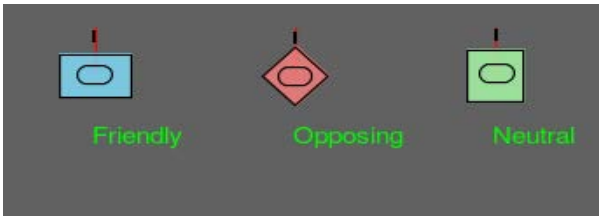
- 3:11:1:225:3:2:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 4
  - Enlisted: 11
- Assemblies:
  - M1A2: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - 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



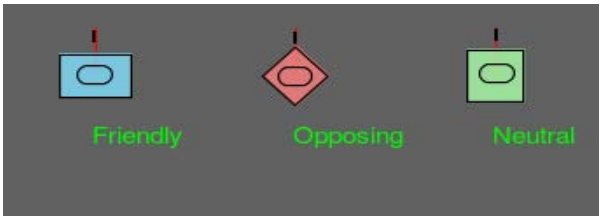
- 3:11:1:225:14:2:1:2
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.88888888889 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 1
  - Warrant Officers: 0
  - NCOs: 4
  - Enlisted: 11
- Assemblies:
  - M1A2: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - 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



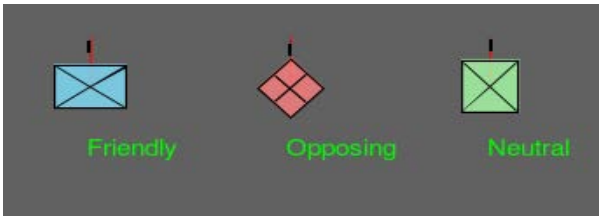
- 3:11:1:260:5:2:1:1
- Can embark: True
- Can be embarked on: False
- Maximum speed: 13.33333333333 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 4
  - Warrant Officers: 0
  - NCOs: 6
  - Enlisted: 20
- Assemblies:
  - T-80: 0
- Systems:
  - aggregated-movement: tank-aggregated-movement.sysdef
  - 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

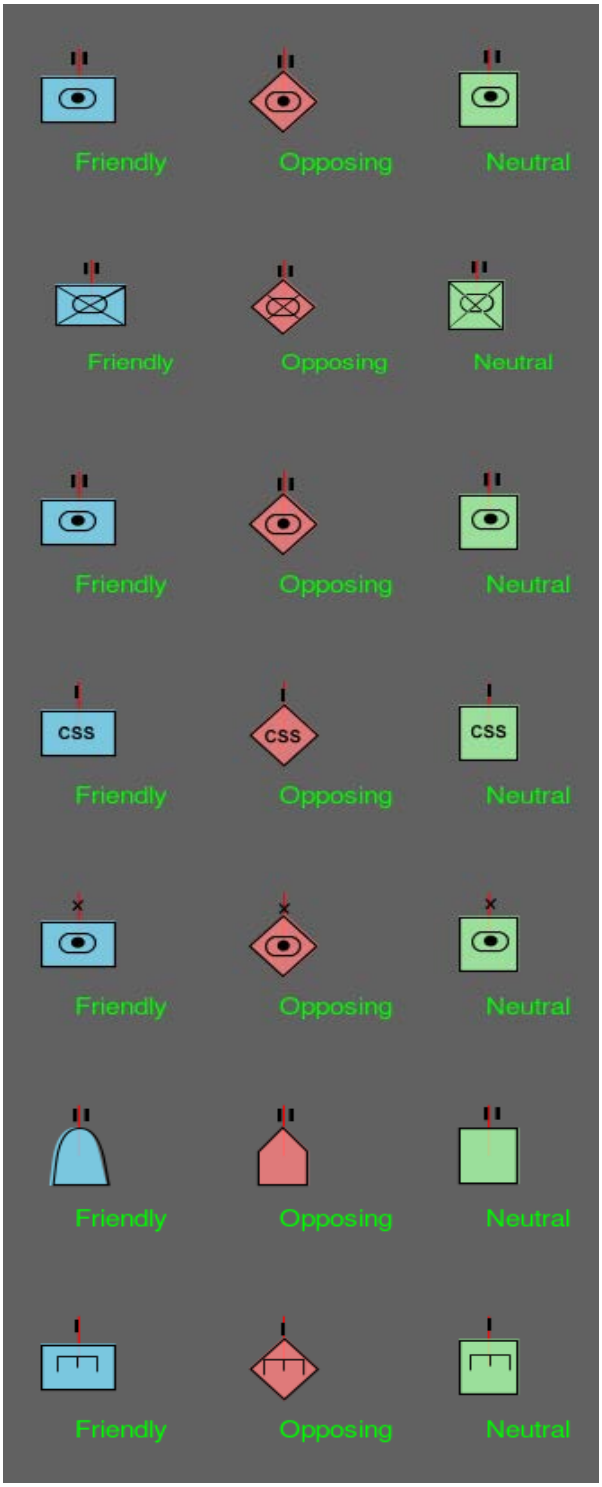
- 3:11:1:-1:8:34:1:1

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

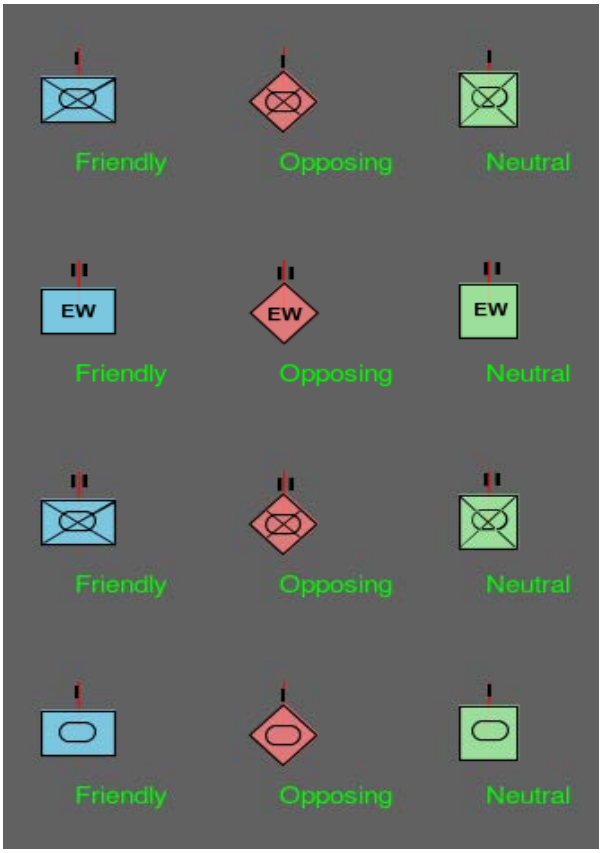
- 3:11:1:-1:6:21:1:0

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



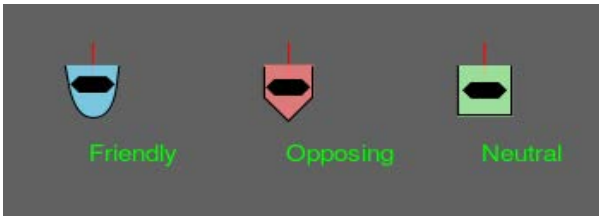
- 3:11:3:225:1:8:1:0
- Can embark: False
- Can be embarked on: True
- Maximum speed: 15.55555555556 m/s
- Ordered speed: 8.333333333333 m/s
- Personnel:
  - Officers: 13
  - Warrant Officers: 10
  - NCOs: 55
  - Enlisted: 245
- Systems:
  - aggregated-movement: ship-aggregated-movement.sysdef
  - other-10: 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

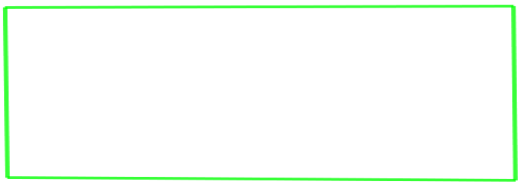
This chapter lists the tactical graphics by category.

Base SMS Control Objects 3-2
Base SMS Overlay Objects 3-3
Base SMS Simulation Objects 3-14

3.1. Base SMS Control Objects

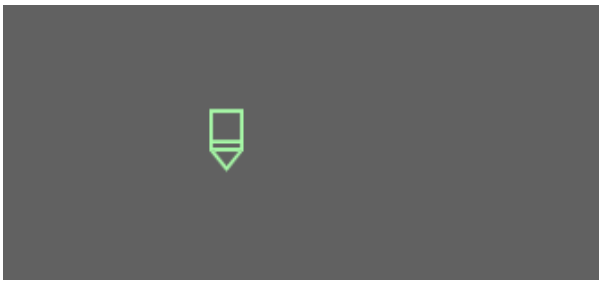
3.1.1. Area

- 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



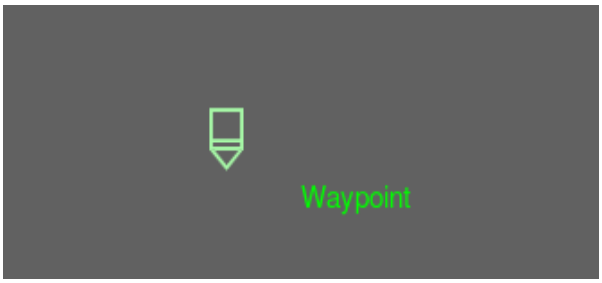
3.1.7. Route

- 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

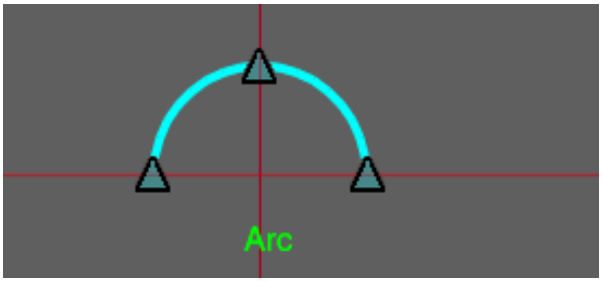
3.2.4. Alert Area

- 1:18:0:0:1:0:1:13



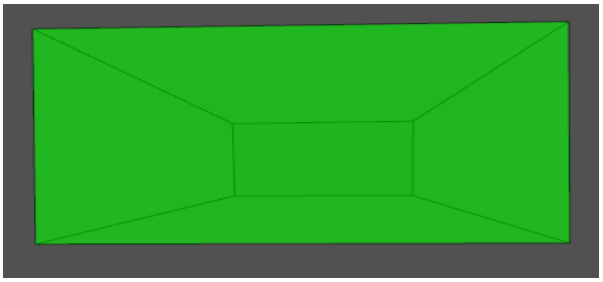
3.2.5. Arc

- 1:19:0:0:2:0:0:0



3.2.6. Area (Extruded)

- 1:18:0:0:1:0:0:1



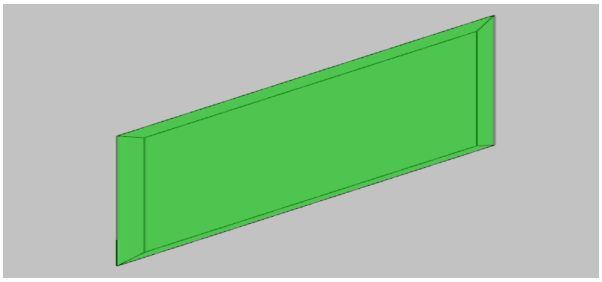
3.2.7. Axis

- 1:17:0:0:10:1:0:0



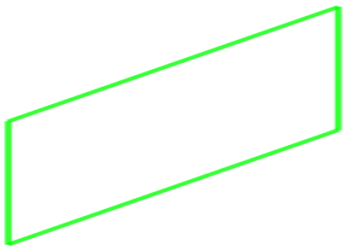
3.2.8. Box (Extruded)

- 1:20:0:0:8:0:0:1



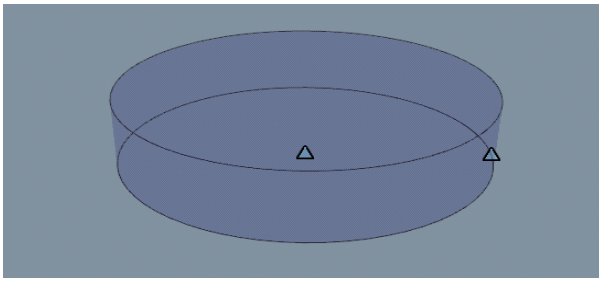
3.2.9. Box

- 1:20:0:0:8:0:0:0



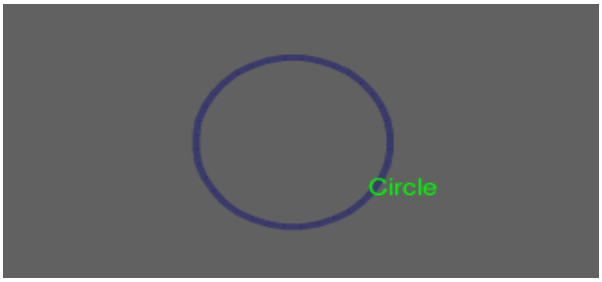
3.2.10. Circle (Extruded)

- 1:19:0:0:0:0:0:1



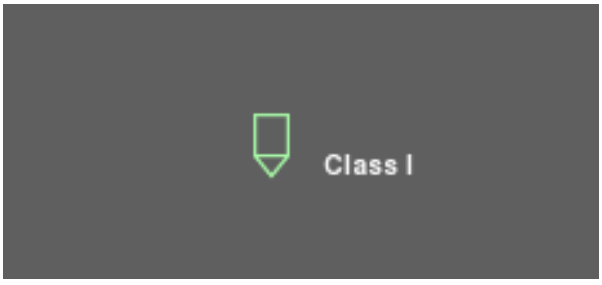
3.2.11. Circle

- 1:19:0:0:0:0:0:0



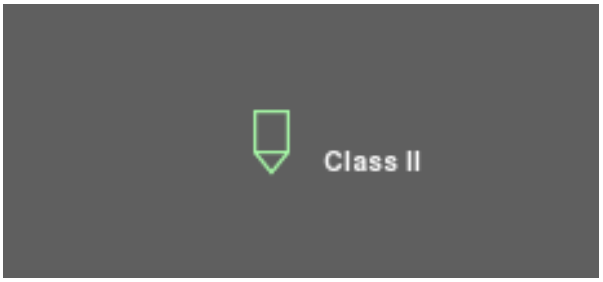
3.2.12. Class I

- 1:16:0:0:20:1:0:0



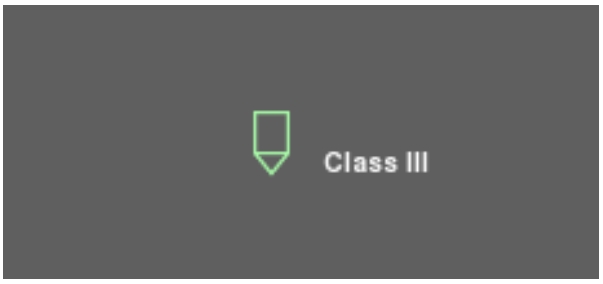
3.2.13. Class II

- 1:16:0:0:20:2:0:0



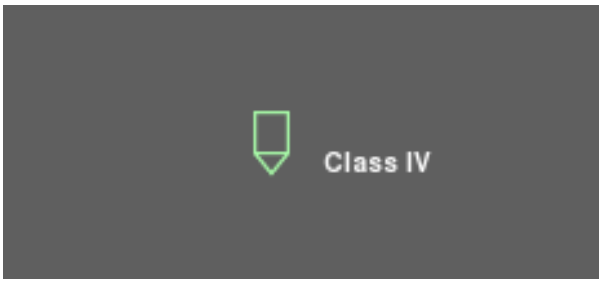
3.2.14. Class III

- 1:16:0:0:20:3:0:0



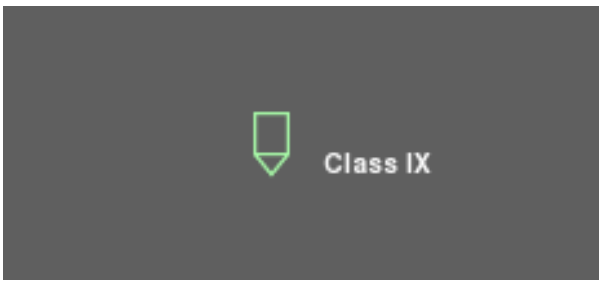
3.2.15. Class IV

- 1:16:0:0:20:4:0:0



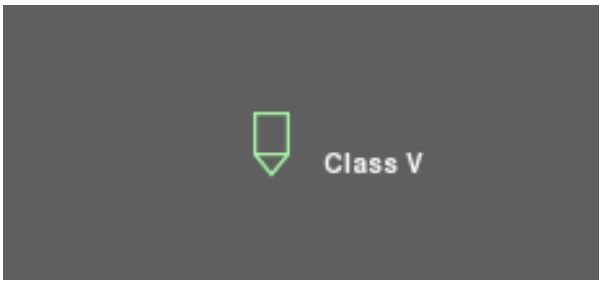
3.2.16. Class IX

- 1:16:0:0:20:9:0:0



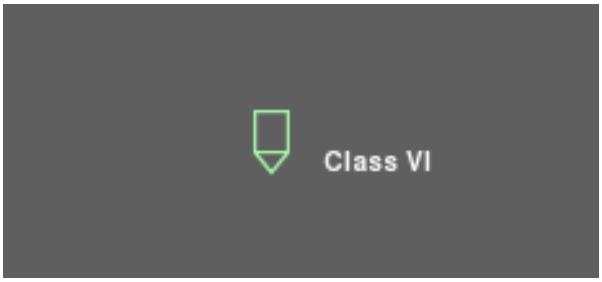
3.2.17. Class V

- 1:16:0:0:20:5:0:0



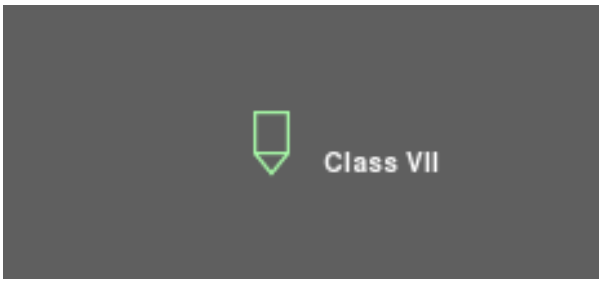
3.2.18. Class VI

- 1:16:0:0:20:6:0:0



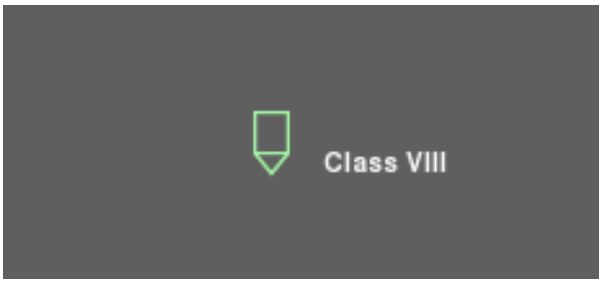
3.2.19. Class VII

- 1:16:0:0:20:7:0:0



3.2.20. Class VIII

- 1:16:0:0:20:8:0:0



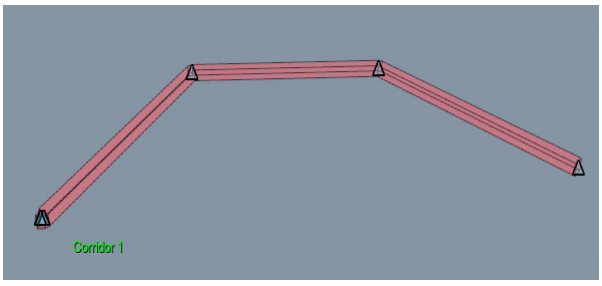
3.2.21. Coordination Point

- 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



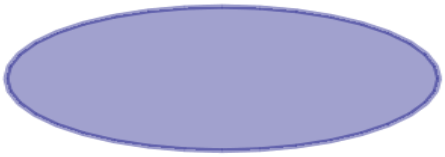
3.2.26. Ditch

- 1:17:1:0:0:5:1:0



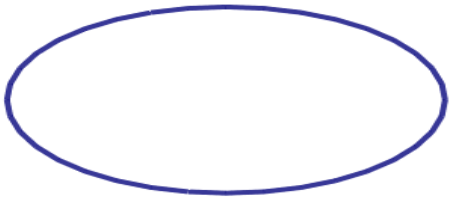
3.2.27. Ellipse (Extruded)

- 1:19:0:0:1:0:0:1



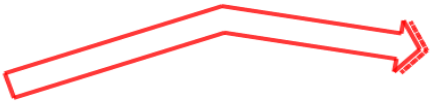
3.2.28. Ellipse

- 1:19:0:0:1:0:0:0



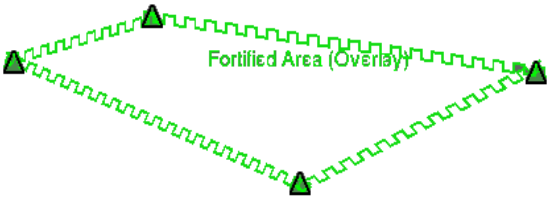
3.2.29. Feint

- 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



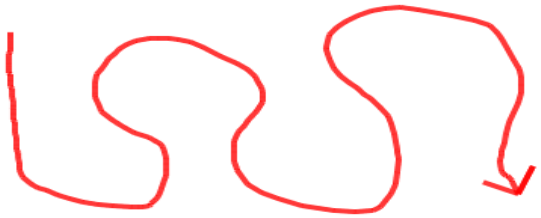
3.2.32. Fortified Line (Overlay)

- 1:17:0:0:0:2:3:0



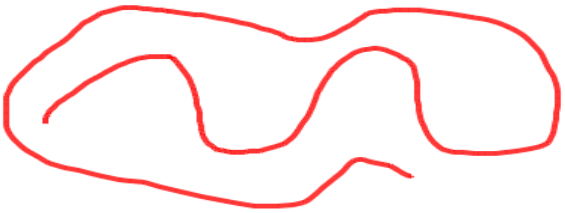
3.2.33. Freehand Line with Arrow

- 1:17:0:0:2:1:0:2



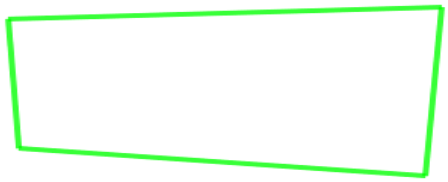
3.2.34. Freehand Line

- 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



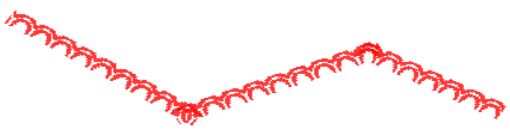
3.2.37. Line of Contact (Friendly)

- 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



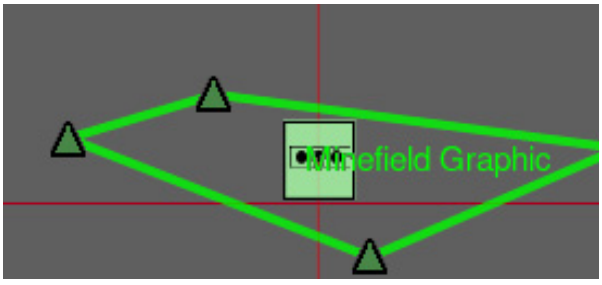
3.2.41. Main Axis

- 1:17:0:0:10:3:0:0



3.2.42. Minefield Graphic

- 1:18:0:0:1:1:1:15



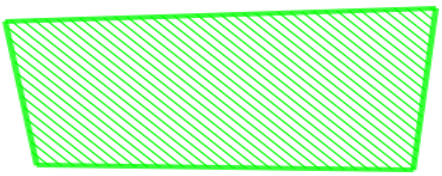
3.2.43. Missile Engagement Zone (Altitude Limited)

- 1:18:0:0:44:0:0:1



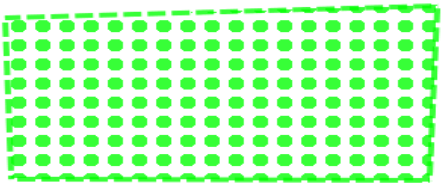
3.2.44. No-Go Area

- 1:18:0:0:1:0:1:14



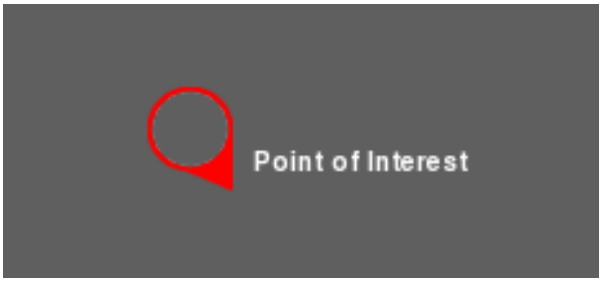
3.2.45. Planned Minefield

- 1:18:0:0:1:1:2:15



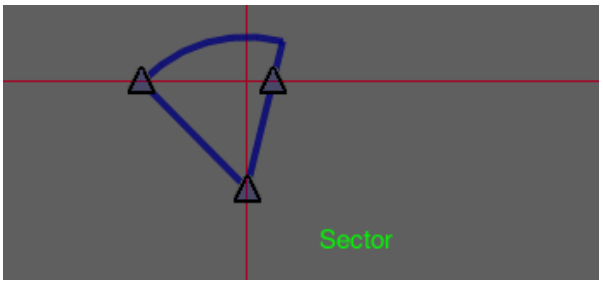
3.2.46. Point of Interest

- 1:16:0:0:13:0:0:0



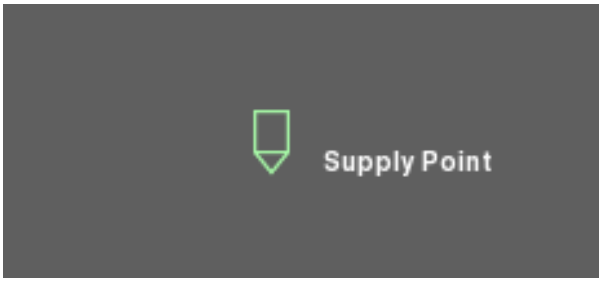
3.2.47. Sector

- 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]

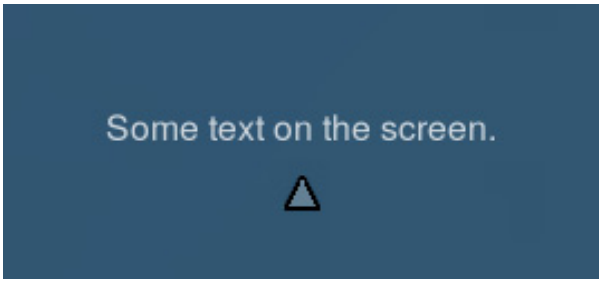
- 1:17:0:0:2:22:0:0

3.2.51. Supply Route

- 1:17:0:0:2:20:0:0

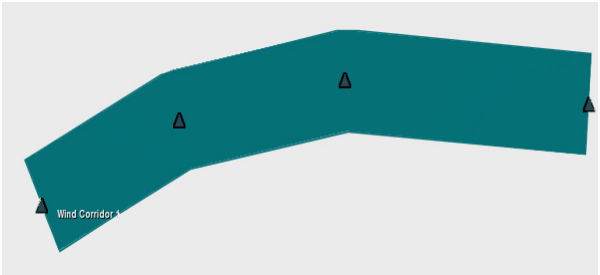
3.2.52. Text

- 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. Diamond Dust Area

- 1:25:0:0:0:0:0:9



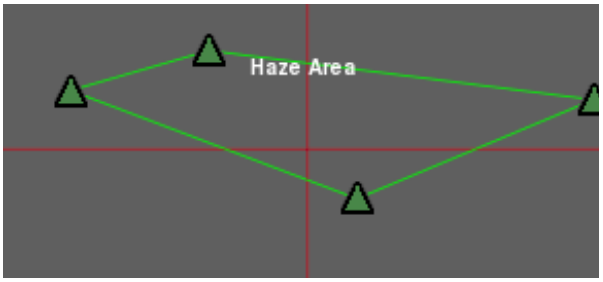
3.3.2. Dynamic Terrain Area

- 1:18:0:0:1:0:3:0
- Systems:
  - other: dynamic-terrain.sysdef



3.3.3. Haze Area

- 1:25:0:0:0:0:0:8

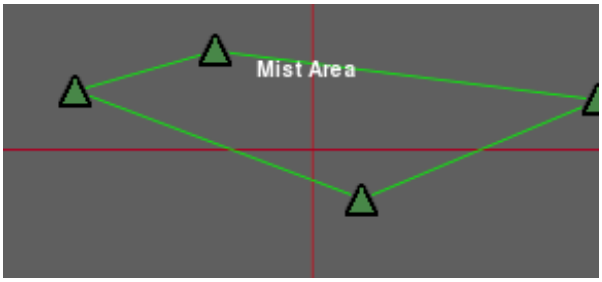


3.3.4. Linear Obstacle

- 1:17:0:0:2:0:0:1

3.3.5. Mist Area

- 1:25:0:0:0:0:0:6



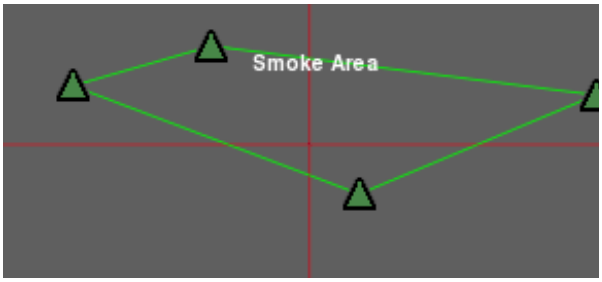
3.3.6. Persistent Tracks Area

- 1:18:0:0:1:0:3:1
- Systems:
  - other: persistent-tracks.sysdef



3.3.7. Smoke Area

- 1:25:0:0:0:0:0:7



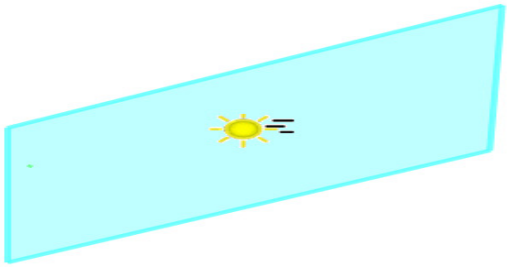
3.3.8. Weather (Area)

- 1:21:0:0:2:0:0:1



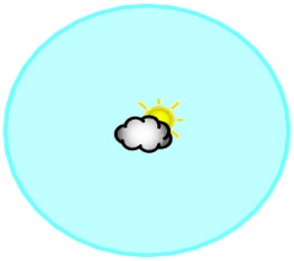
3.3.9. Weather (Box)

- 1:21:0:0:2:0:0:0



3.3.10. Weather (Circle)

- 1:21:0:0:2:0:0:3



3.3.11. 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



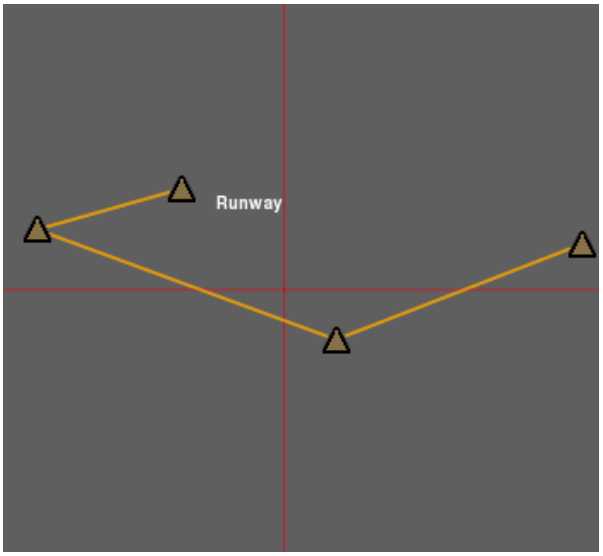
4.1.18. PALADIN Symbol

- 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



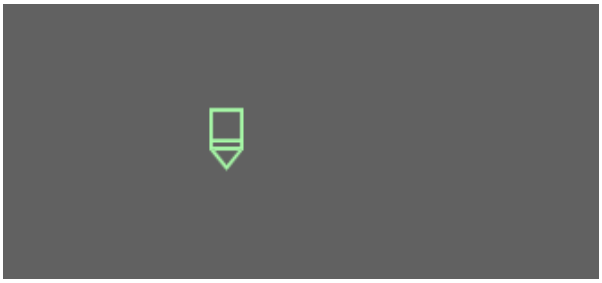
4.2.2. Blocking Terrain Page-in Area

- 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. Disaggregation Area

- 1:18:0:0:3:0:0:0



4.2.7. Goat Area

- 1:18:0:0:1:0:2:2
- Systems:
  - other: pedestrian-traffic-generator.sysdef



4.2.8. Intersection Manager

- 1:16:0:0:1:2:0:0



4.2.9. 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

4.2.10. Minefield RAAM-ADAM



- 1:18:1:0:4:1:1:0
- 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

4.2.11. Minefield Scatterable



- 1:18:1:0:4:1:0:0
- 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

4.2.12. Nav Edge

- 1:17:0:0:2:1:0:3

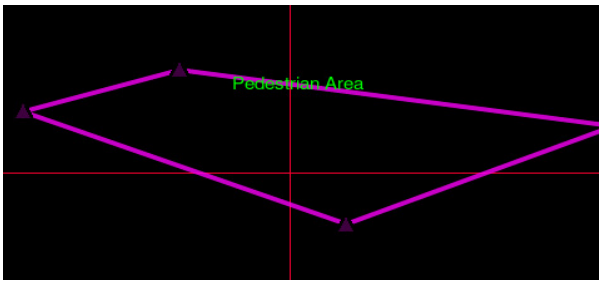
4.2.13. Obstacle

- 1:18:0:0:2:0:0:0



4.2.14. Pedestrian Area

- 1:18:0:0:1:0:2:0
- Systems:
  - other: pedestrian-traffic-generator.sysdef



4.2.15. Pedestrian Nav Edge

- 1:17:0:0:2:1:0:5

4.2.16. Pedestrian Path

- 1:17:0:0:2:0:0:2



4.2.17. Queue

- 1:17:0:0:2:23:0:0



4.2.18. Sheep Area

- 1:18:0:0:1:0:2:3
- Systems:
  - other: pedestrian-traffic-generator.sysdef



4.2.19. Terrain Page-in Area

- 1:18:0:0:4:0:0:0





5. AggregateLevel SMS Tactical Graphics

Models

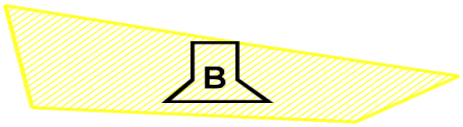
This chapter lists the tactical graphics by category.

Contamination Areas 5-2
Engineering Objects 5-2
Points 5-6
Aggregate Level Simulation Effect Objects 5-7

5.1. Contamination Areas

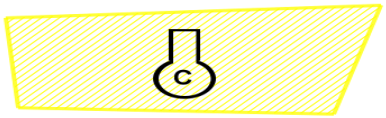
5.1.1. Biological Contamination Area

- 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



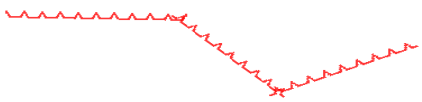
5.2.3. Barbed Wire

- 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



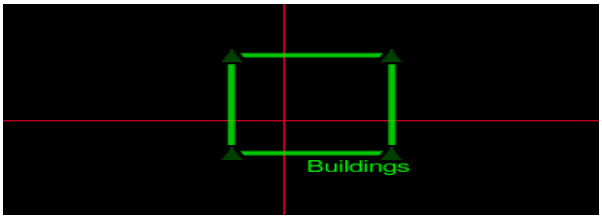
5.2.8. Bridge

- 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



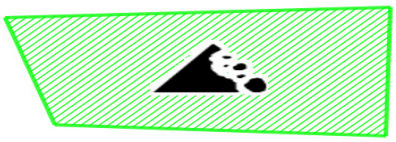
5.2.16. Fortified Line

- 1:17:1:0:62:9:0:0



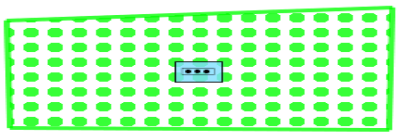
5.2.17. Landslide

- 1:18:1:0:62:5:0:0



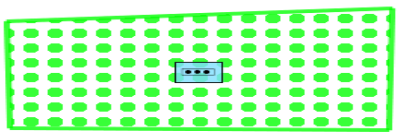
5.2.18. Minefield (ADAM-RAAM)

- 1:20:1:0:62:1:1:0



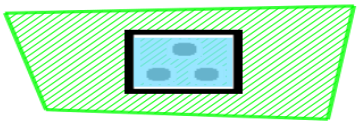
5.2.19. Minefield (Volcano)

- 1:20:1:0:62:1:2:0



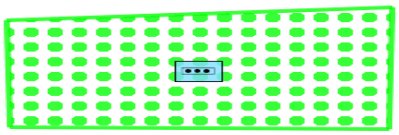
5.2.20. Mountains

- 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

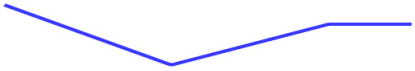
5.4.1. Road Crater

- 1:16:1:0:62:7:0:0



5.4.2. Waterway

- 1:17:1:0:62:8:0:0





Index

Numerics

2S1 Gvozdika 1-197
2S19 Msta-S 1-198

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 1-214
AAV Symbol 4-2
AAVC7A1 Landing Vehicle 1-199
Ababil UAV 1-74
Abatis 5-2
AC-130U Spooky II 1-70
ACE Symbol 4-2
Achzarit APC 1-215
Actros AHSVS 1-216
ADA BN RU solo 2-31
ADA BN US solo 2-32
ADA BTY US 2-33
ADA Plt (CIS) 1-200
ADA Plt (US) 1-200
ADA PLT US 2-34
Admiral Grigorovich-class Frigate 1-748
Aerodrome 4-2
Afghan Police Officer 1-505
Afghan Soldier AK47 1-506
Afghan Soldier Panzerfaust 3 1-507
African Insurgent 1-508
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

Aggregate (continued)
MI CO US 2-61
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
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 1-639
Agosta 90B-class Submarine 1-717
Agusta Westland AW-139 1-657
Agusta Westland AW-159 Wildcat 1-658
AgustaWestland AW101 1-659
AgustaWestland AW109 1-660
AH-1W SuperCobra 1-645
AH-6 Little Bird 1-646
AH-64A Apache 1-647
AH-64E Apache Guardian 1-650
AH-64E Apache Guardian with FCR 1-648
AH-64E Apache Guardian with UR 1-649
AH-7 Westland Lynx 1-651
Ahmad Yani-class Frigate 1-749
AHS Krab Howitzer 1-201
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 Radar 2-36
AIR LIFT BN US solo 2-8
Air Traffic Area 4-7
Air Turbulence Area 3-4
Airbus 310 - Air France 1-75
Airbus 310-304 1-76
Airbus 319 - Air China 1-77
Airbus 320 - American Airlines 1-78

Airbus 320 - British Airways 1-79
Airbus 320 - Lufthansa 1-80
Airbus 320 - Singapore Airlines 1-81
Airbus 380 1-82
Airbus A310 MRTT Tanker 1-82
Aircraft Baggage Conveyor 1-217
Aircraft Baggage Truck 1-218
Aircraft Baggage Wagon 1-219
Aircraft Catering Truck 1-220
Aircraft Follow Me Car 1-221
Aircraft Hangar 1-12
Aircraft High Loader Dolly 1-222
Aircraft Mobile Stairs 1-223
Aircraft Tow Tractor 1 1-224
Aircraft Tow Tractor 2 1-225
Aircraft Towbar 1-226
AirMule 1-661
Airport Bus 1-227
Akula-class Submarine 1-718
Albatros-class Fast Attack 1-750
Alert Area 3-4
Alta-class Minehunter 1-751
Ambulance 1-228
AMX 1-71
AMX-10RC 1-202
AMX-30 MBT 1-203
AMX-30D 1-204
AMX-56 Leclerc MBT 1-205
AN/BLQ-11 UUV 1-716
Animal
  Bomb Sniffing Dog 1-2
  Camel 1-3
  Chicken 1-3
  Cow 1-4
  Cow Herd 1-4
  Dog 1-5
  Fish 1-6
  Goat 1-7
  Goat Herd 1-6
  Horse 1-8
  Kangaroo 1-8
  Mule 1-9
  Sheep 1-10
  Sheep Herd 1-9
  Water Buffalo 1-11
AN/MPQ-64 Phased Array SHORAD Radar 1-206
Anti-Tank Ditch 5-2
Antonov-class 1-752
AN/TPY-2 Radar 1-207
Aquitaine-class Frigate 1-753
AR CAV TRP US 2-35
Aravis MRAP 1-229
Arc 3-4
Area 3-2
Area (Extruded) 3-4
Arjun MBT 1-230
Arleigh Burke-class Destroyer 1-754
Armor Co (CIS) 1-231
Armor Co (US) 1-231
Armor Co HQ (CIS) 1-232
Armor Co HQ (US) 1-232
Armor Plt (CIS) 1-233
Armor Plt (US) 1-233
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 1-652
AS 532 Cougar 1-653
AS 550 Fennec 1-654
AS-365 Dauphin 1-655
AS-565 Panther 1-656
AS-90 Artillery 1-208
Asagiri-class Destroyer 1-755
ASCOD Ulan AIFV 1-209
ASTROS II MLRS 1-210
Astute-class Submarine 1-719
AT-802 1-72
ATF Dingo 1-211
AUF1 155mm Howitzer 1-212
Australian Soldier EF88 1-509
Auto Ferry 1-756
Auto Rickshaw 1-234
Auverland A4 AVL 1-235
AV-8B Harrier II 1-73
Avenger Symbol 4-3
AVLB Symbol 4-2
AVN SPT TROOP 2-9
Axis 3-4
AZP S-60 1-213

B

B1-B Lancer 1-85
B-2 Spirit 1-83
B-52 Stratofortress 1-84
Badger AEV 1-244
BAE CT-155 Hawk 1-86

Bag Garbage Green 1-12
Bag Garbage Silver 1-13
Bandvagn 206 1-245
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
  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
Base SMS Overlay Objects (continued)
  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
  Diamond Dust Area 3-14
  Dynamic Terrain Area 3-14
  Haze Area 3-14
  Linear Obstacle 3-14
  Mist Area 3-15
  Persistent Tracks Area 3-15
  Smoke Area 3-15
  Weather (Area) 3-15
  Weather (Box) 3-15
  Weather (Circle) 3-16
  Weather (Ellipse) 3-16
Bay-class DLS 1-758
Bay-class Patrol Boat 1-759
BAZ-69092 Tow Vehicle 1-236
Beam Post 5-3
Beaver AVLB 1-246
Beechcraft 36 Bonanza 1-88
Beechcraft C-12 1-89
Beechcraft MC-12 King Air 1-91
Beechcraft MC-12 King Air Single Seater 1-90
Beechcraft T-6 1-92
Bell 206 JetRanger 1-662
Bell 406 1-663
Bell 412 1-664
Bell 429 Global Ranger 1-665
Bergepanzer 2 ARV 1-247

Berm 5-3
Biological Contamination Area 5-2
Bison APC 1-248
Blocking Terrain Page-in Area 4-7
BM-28 Sea Lady Trawler 1-757
BMP Symbol 4-3
BMP-1 AFV 1-237
BMP-2 AFV 1-238
BMP-3 AFV 1-239
BN, Mech Infantry 2-88
BN, MLRS US 2-88
BN-2 Islander 1-87
Boeing 707 1-93
Boeing 737 British Airways 1-94
Boeing 737-900 1-95
Boeing 747-400 1-96
Boeing 757 1-97
Boeing 767 1-98
Boeing 777 1-101
Boeing 777-200 1-99
Boeing 777-300 1-100
Boeing 787-800 1-102
Bomb Sniffing Dog 1-2
Bombardier CL-600 1-103
Bombardier CRJ100 Air France 1-104
Bombardier CRJ200 Air France 1-105
Bombardier DHC-8 1-106
Border Patrol Agent 1-510
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 1-250
Box Truck Graffiti 1-249
Box Wine Cardboard 1-16
Brandenburg-class Frigate 1-760
Braunschweig-class Corvette 1-761
Brazilian Soldier 1-511
Breach 5-3
Bremen-class Frigate 1-762
Bridge 5-3
Bridge Arch Stone 1-17
Bridge Concrete Two Lane 1-17
BTR-60 APC 1-240
BTR-80 APC 1-241
BTR-90 1-242
Buffalo MRAP III 1-251
Buffel ARV 1-252
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 1-253
Bunker 5-3
Buoy (Can) 1-26
Buoy (Green Lighted) 1-27
Buoy (Nun) 1-27
Buoy (Red Lighted) 1-28
Bus 1-254
Bushmaster PMV 1-255
BV206 SUSV 1-243

C

C1 Ariete MBT 1-256
C-130 Hercules 1-107
C-130J Super Hercules 1-108
C-17 Globemaster III 1-109
C-5 Galaxy 1-110
Cadillac Gage Commando V-150 1-261
CAESAR SP Howitzer 1-257
Camel 1-3
Canadair CT-114 1-115
Canadian Navy 1-513
Canadian Soldier 1-514
Cape-class Patrol Boat 1-763
Car Bomb 1-262
CASA C-212 Aviocar 1-111
CC-115 Buffalo 1-112
CC-150 Polaris 1-113
Centauro B1 1-263

Cessna 172 Skyhawk 1-116
Cessna 185 Skywagon Floats 1-117
Cessna Citation 1-118
CEV Symbol 4-3
CH-146 Griffon 1-666
CH-148 Cyclone 1-667
CH-149 Cormorant 1-668
CH-46E Sea Knight 1-669
CH-47 Chinook 1-670
CH-47F Chinook 1-671
CH-53E Super Stallion 1-672
Challenger-class Submarine 1-720
Charles de Gaulle Class Carrier 1-764
Chemical Contamination Area 5-2
Chengdu J-10C 1-119
Chengdu J-20 1-120
Chengdu J-7 1-121
Chevrolet Caprice 1-264
Chicken 1-3
Child 1-515
Chilean AT4 1-516
Chilean IMI Galil 1-517
Chilean M16 1-519
Chilean M16-M203 1-518
Chilean M240 1-520
Chilean M249 1-521
Chilean M4 1-522
Chilean M60 1-523
Circle 3-5
Circle (Extruded) 3-5
CIV BN solo 2-42
Civilian Aircraft 2-15
Civilian Airport Worker 1-524
Civilian BDE 2-88
Civilian BN 2-88
Civilian CO 2-46
Civilian Crowd (Small) 1-524
Civilian Female 1-525
Civilian Male 1-526
Civilian Mideast Crowd (Large) 1-526
Civilian Mideast Crowd (Medium) 1-527
Civilian Mideast Crowd (Small) 1-527
Civilian Vehicle 1-264
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 1-265
Colombian Airforce 1-528
Colombian Armed Forces 1-529
Colombian Military Police 1-530
Colombian Naval Infantry 1-531
Colombian Police Anti Disturb 1-532
Colombian Police Officer 1-533
Colombian Riot Police 1-534
Colombian Soldier IWI X95 1-535
COLT Team (CIS) 1-512
COLT Team (US) 1-512
Commercial Medium Truck 1-266
Communications Satellite 1-711
Construction Worker 1-536
Container Cargo 1-28
Container Ship 1-766
Container Ship Loaded 1-765
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 1-267
Cover Point 4-7
Cow 1-4
Cow Area 4-7
Cow Herd 1-4
Coyote APC 1-268
Crate Wooden 1-30
Crate Wooden Strapped 1-30
Crawl Route (Nav Edge) 4-8
Cruise Ship 1-767
CSS BN PA 2-88
CSS BN US solo 2-43
CSS CO 2-44
CSS CO PA 2-88
CSS PLT 2-45
CSS Plt (CIS) 1-258
CSS Plt (US) 1-258
CUCV II 1-259
Cultural Feature
  Air Base 1-11
  Aircraft Hangar 1-12
  Bag Garbage Green 1-12
  Bag Garbage Silver 1-13

Cultural Feature (continued)
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
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

Cultural Feature (continued)
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
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

Cultural Feature (continued)
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 1-114
CV9035 AFV 1-260

D

Dabur-class Patrol Boat 1-769
Dardo IFV 1-270
Dassault Atlantic 1-122
Dassault Mystere-Falcon 20 1-123
Dassault Mystere-Falcon 900 1-124
DDG-Aegis 1-768
De Zeven Provincien Class Frigate 1-770
Decision Point 3-8
Defense Satellite 1-712
Delhi-class Destroyer 1-771
Delta III-class Submarine 1-721
Delta IV-class Submarine 1-722
Demolition Area 5-4
Destroyer 2-90
DI Lasing (CIS) 1-537
DI Lasing (US) 1-538
Diamond Dust Area 3-14
Direction 3-8
Direction (Main) 3-8
Disaggregation Area 4-8
Ditch 3-8
DJI S1000 1-673
DJI Spark Quadcopter 1-674
DNG/DCL 1-269
Dog 1-5
Dolphin-class Submarine 1-723
Dornier DO 228-200 LGW 1-125
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 1-772
Dynamic Terrain Area 3-14

E

E-2 Hawkeye 1-126
E-3 2-16
E-3 Sentry 1-127
E-8C JSTARS 1-128
EA-18G 2-17
EA-18G Growler 1-129
EA-6B Prowler 1-130
EADS CASA C-295 1-131
EC 635 1-675
EC-135 Eurocopter 1-676
EC145 1-677
EC665 Eurocopter Tiger 1-678
EC665 Eurocopter UH Tiger 1-679
EC725 Caracal 1-680
Echo-class Survey Ship 1-773
Economy Compact Size Sedan 1-275
EE-9 Cascavel 1-271
EH101 Merlin 1-681
Elizabeth Coastal Freighter 1-774
Ellipse 3-9
Ellipse (Extruded) 3-8
Emergency Medical Technician 1-539
Emergency Point 5-6
Emergency Point Downed Pilot 5-6
EMT Aladin 1-132
EMT Luna 1-133
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

Engineering Objects (continued)
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
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
Disaggregation Area 4-8
Goat Area 4-8
Intersection Manager 4-8
Minefield Conventional 4-9
Minefield RAAM-ADAM 4-9
Minefield Scatterable 4-10
Entity SMS Simulation Effect Objects (continued)
Nav Edge 4-10
Obstacle 4-10
Pedestrian Area 4-10
Pedestrian Nav Edge 4-11
Pedestrian Path 4-11
Queue 4-11
Sheep Area 4-11
Terrain Page-in Area 4-11
EPP-III Patriot Power Generator 1-272
ERC 90 Sagaie 1-273
Eridan-class Minehunter 1-775
ESK Mungo 1-274
Eurofighter Typhoon 1-134
European Soldier 1-540

F

F-117A Nighthawk 1-135
F-15 Eagle 1-136
F-16A Fighting Falcon 1-137
F-16C 2-22
F-16C 2-Ship 2-18
F-16C 4-Ship 2-20
F-22 Raptor 1-138
F-22P Zulfiquar-class Frigate 1-776
F-35 Lightning II 1-139
F-5E Tiger 1-140
FA Battery (US) 1-275
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 1-141
Fajr Houdong (Tondar) Class 1-777
Falling Blocks 5-4
Fatahillah-class Frigate 1-778
Federal Express Truck 1-282
Feint 3-9
Female On Bike 1-541
Fennek 1-283
Fiat 124 1-284
Fire Engine 1-285
Fire Support Team 1-541
Fireman (Hose) 1-542
Fish 1-6
Fisherman with Life Jacket 1-543
Fishing Boat 1-779

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 1-74
AC-130U Spooky II 1-70
Airbus 310 - Air France 1-75
Airbus 310-304 1-76
Airbus 319 - Air China 1-77
Airbus 320 - American Airlines 1-78
Airbus 320 - British Airways 1-79
Airbus 320 - Lufthansa 1-80
Airbus 320 - Singapore Airlines 1-81
Airbus 380 1-82
Airbus A310 MRTT Tanker 1-82
AMX 1-71
AT-802 1-72
AV-8B Harrier II 1-73
B1-B Lancer 1-85
B-2 Spirit 1-83
B-52 Stratofortress 1-84
BAE CT-155 Hawk 1-86
Beechcraft 36 Bonanza 1-88
Beechcraft C-12 1-89
Beechcraft MC-12 King Air 1-91
Beechcraft MC-12 King Air Single Seater 1-90
Beechcraft T-6 1-92
BN-2 Islander 1-87
Boeing 707 1-93
Boeing 737 British Airways 1-94
Boeing 737-900 1-95
Boeing 747-400 1-96
Boeing 757 1-97
Boeing 767 1-98
Boeing 777 1-101
Boeing 777-200 1-99
Boeing 777-300 1-100
Boeing 787-800 1-102
Bombardier CL-600 1-103
Bombardier CRJ100 Air France 1-104
Bombardier CRJ200 Air France 1-105
Bombardier DHC-8 1-106
C-130 Hercules 1-107
C-130J Super Hercules 1-108
C-17 Globemaster III 1-109
C-5 Galaxy 1-110
Fixed Wing (continued)
Canadair CT-114 1-115
CASA C-212 Aviocar 1-111
CC-115 Buffalo 1-112
CC-150 Polaris 1-113
Cessna 172 Skyhawk 1-116
Cessna 185 Skywagon Floats 1-117
Cessna Citation 1-118
Chengdu J-10C 1-119
Chengdu J-20 1-120
Chengdu J-7 1-121
CV-22B Osprey 1-114
Dassault Atlantic 1-122
Dassault Mystere-Falcon 20 1-123
Dassault Mystere-Falcon 900 1-124
Dornier DO 228-200 LGW 1-125
E-2 Hawkeye 1-126
E-3 Sentry 1-127
E-8C JSTARS 1-128
EA-18G Growler 1-129
EA-6B Prowler 1-130
EADS CASA C-295 1-131
EMT Aladin 1-132
EMT Luna 1-133
Eurofighter Typhoon 1-134
F-117A Nighthawk 1-135
F-15 Eagle 1-136
F-16A Fighting Falcon 1-137
F-22 Raptor 1-138
F-35 Lightning II 1-139
F-5E Tiger 1-140
F/A-18 Hornet 1-141
Gulfstream G550 1-142
Harbin SH-5 ASW 1-143
Hermes 450 1-144
IAI 1124 Sea Scan 1-145
IAI Heron 1-146
IL-76MD Candid B 1-147
IL-78M Midas Tanker 1-148
Jaguar IS 1-150
JAS 39 Gripen 1-149
KC-10A Extender 1-151
KC-130 Hercules Tanker 1-151
KC-130J Super Hercules Tanker 1-152
KC-135 Stratotanker 1-152
KC-46A Pegasus 1-153
L-39 Albatros 1-154
Lockheed L-1011 1-155
M-346 Master 1-156
Maveric UAS 1-162

Fixed Wing (continued)
MIG-21 Fishbed 1-157
MiG-27 Flogger 1-163
MiG-29 Fulcrum 1-164
MiG-35 Fulcrum F 1-165
Mirage 2000 1-166
Mirage F1 1-167
Mohajer UAV 1-168
MQ-1 Predator 1-158
MQ-4C Triton 1-159
MQ-9 Reaper UAV 1-160
MV-22B Osprey 1-161
Nanchang Q-5 1-169
P-3 Orion 1-170
P-8A Poseidon 1-171
Rafale B 1-176
RDE KZO 1-172
RQ-11 Raven UAV 1-173
RQ-4 Global Hawk UAV 1-174
RQ-7 Shadow UAV 1-175
SAGEM Sperwer 1-177
ScanEagle UAV 1-183
Sentinel R1 1-184
Shenyang J-11 Flanker 1-185
Shenyang J-15 Flanker D 1-186
Shenyang J-8 Finback 1-187
SU-25 Frogfoot 1-178
SU-27 Flanker 1-179
SU-33 Flanker D 1-180
SU-35 Flanker E 1-181
SU-37 Flanker 1-182
T-38C Talon 1-188
Tornado ADV 1-189
Tu-160 Blackjack 1-190
Ultralight Trike 1-191
Xian H-6 Badger 1-192
Xian H-6U Badger Tanker 1-193
Xian JH-7 1-194
Xian KJ-2000 Mainring 1-195
Fleet-class USV 1-780
Flight 2-29
Flight Deck Crew 1-546
Flight Deck Crew (Chock And Chains) 1-544
Flight Deck Crew (Grounding Cable) 1-545
Flight Deck Crewman 1-547
Flight Deck Worker 1-548
Floreal-class Frigate 1-781
Flyvefisken-class Patrol Boat 1-782
Food Truck 1-286
Ford Aircraft Oil Truck 1-287
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 1-783
Freccia IFV 1-288
Freehand Line 3-10
Freehand Line with Arrow 3-10
French Soldier 1-549
Fridtjof Nansen-class 1-784
Frigate 2-91
Fuchs APC 1-289
Fuel Tanker Trailer 1-290
Furniture Outdoor Bench Park 1-34
FV 510 Warrior 1-276
FV101 Scorpion CVR 1-277
FV107 Scimitar 1-278
FV4030/4 Challenger MBT 1-279
FV4034 Challenger 2 MBT 1-280
FV432 APC 1-281

G

Gaeta-class Minehunter 1-785
GAZ-2975 Tigr-M 1-292
GAZ-66 Truck 1-293
GAZ-69 Utility Vehicle 1-294
Gepard-class Frigate 1-786
German Soldier 1-550
Ghillie Suit Soldier 1-551
Goat 1-7
Goat Area 4-8
Goat Herd 1-6
Gotland-class Submarine 1-724
Green Pine Radar 1-297
Grisha-class Corvette 1-787
Grizzly APC 1-298
Ground Vehicle
2S1 Gvozdika 1-197
2S19 Msta-S 1-198
Aardvark JSFU 1-214
AAVC7A1 Landing Vehicle 1-199
Achzarit APC 1-215
Actros AHSVS 1-216
ADA Plt (CIS) 1-200
ADA Plt (US) 1-200
AHS Krab Howitzer 1-201

Ground Vehicle (continued)
Aircraft Baggage Conveyor 1-217
Aircraft Baggage Truck 1-218
Aircraft Baggage Wagon 1-219
Aircraft Catering Truck 1-220
Aircraft Follow Me Car 1-221
Aircraft High Loader Dolly 1-222
Aircraft Mobile Stairs 1-223
Aircraft Tow Tractor 1 1-224
Aircraft Tow Tractor 2 1-225
Aircraft Towbar 1-226
Airport Bus 1-227
Ambulance 1-228
AMX-10RC 1-202
AMX-30 MBT 1-203
AMX-30D 1-204
AMX-56 Leclerc MBT 1-205
AN/MPQ-64 Phased Array SHORAD Radar 1-206
AN/TPY-2 Radar 1-207
Aravis MRAP 1-229
Arjun MBT 1-230
Armor Co (CIS) 1-231
Armor Co (US) 1-231
Armor Co HQ (CIS) 1-232
Armor Co HQ (US) 1-232
Armor Plt (CIS) 1-233
Armor Plt (US) 1-233
AS-90 Artillery 1-208
ASCOD Ulan AIFV 1-209
ASTROS II MLRS 1-210
ATF Dingo 1-211
AUF1 155mm Howitzer 1-212
Auto Rickshaw 1-234
Auverland A4 AVL 1-235
AZP S-60 1-213
Badger AEV 1-244
Bandvagn 206 1-245
BAZ-69092 Tow Vehicle 1-236
Beaver AVLB 1-246
Bergepanzer 2 ARV 1-247
Bison APC 1-248
BMP-1 AFV 1-237
BMP-2 AFV 1-238
BMP-3 AFV 1-239
Box Truck 1-250
Box Truck Graffiti 1-249
BTR-60 APC 1-240
BTR-80 APC 1-241
BTR-90 1-242

Ground Vehicle (continued)
Buffalo MRAP III 1-251
Buffel ARV 1-252
Bulldozer 1-253
Bus 1-254
Bushmaster PMV 1-255
BV206 SUSV 1-243
C1 Ariete MBT 1-256
Cadillac Gage Commando V-150 1-261
CAESAR SP Howitzer 1-257
Car Bomb 1-262
Centauro B1 1-263
Chevrolet Caprice 1-264
Civilian Vehicle 1-264
Club K Container Missile Launcher 1-265
Commercial Medium Truck 1-266
Cougar FSV 1-267
Coyote APC 1-268
CSS Plt (CIS) 1-258
CSS Plt (US) 1-258
CUCV II 1-259
CV9035 AFV 1-260
Dardo IFV 1-270
DNG/DCL 1-269
Economy Compact Size Sedan 1-275
EE-9 Cascavel 1-271
EPP-III Patriot Power Generator 1-272
ERC 90 Sagaie 1-273
ESK Mungo 1-274
FA Battery (US) 1-275
Federal Express Truck 1-282
Fennek 1-283
Fiat 124 1-284
Fire Engine 1-285
Food Truck 1-286
Ford Aircraft Oil Truck 1-287
Freccia IFV 1-288
Fuchs APC 1-289
Fuel Tanker Trailer 1-290
FV 510 Warrior 1-276
FV101 Scorpion CVR 1-277
FV107 Scimitar 1-278
FV4030/4 Challenger MBT 1-279
FV4034 Challenger 2 MBT 1-280
FV432 APC 1-281
GAZ-2975 Tigr-M 1-292
GAZ-66 Truck 1-293
GAZ-69 Utility Vehicle 1-294
Green Pine Radar 1-297

Ground Vehicle (continued)
Grizzly APC 1-298
GTK Boxer APC 1-295
GTK Boxer CRV 1-296
G-Wagen 1-291
Hawkei Protected Mobility Vehicle 1-300
HMMWV with Avenger 1-299
Husky ARV 1-301
IED 5 Gallon Container 1-302
IED Ammonium Nitrate Bags 1-302
IED Artillery Shell 1-303
IED Bag in Ground 1-303
IED Cell Phone 1-304
IED Exposed Ordinance 1-304
IED Pile of Boxes Large 1-305
IED Pile of Boxes Single 1-305
IED Pile of Boxes Small 1-306
IED Pressure Cooker Silver 1-306
IED Pressure Cooker White 1-307
IED Tire Pile Box 1-307
IED Tire Pile Large 1-308
IED Tire Pile Medium 1-308
IED Tire Pile Rice Bags 1-309
IED Tire Pile Single 1-309
IED Tire Pile Small 1-310
IED Trash Bags Single 1-310
IED Trash Cans Single 1-311
IED Trash Pile Large 1-311
IED Trash Pile Medium 1-312
IED Trash Pile Small 1-312
Iveco LMV 1-313
Jackal MWMIK 1-314
Jingle Truck 1-315
K1A1 MBT 1-316
KN-02 Hwasong-11 Launcher 1-317
KN-08 Hwasong-13 Launcher 1-318
Kornet D 1-319
L-118 Howitzer 1-320
Ladder Truck 1-331
Land Rover Wolf 1-332
LAPV Enok 1-321
LAV AT (Anti Tank) 1-322
LAV III APC 1-323
LAV-25 1-324
LAV-AD (Air Defense) 1-325
LAV-C2 (Command and Control) 1-326
LAV-M (Mortar) 1-327
LAV-R (Recovery) 1-328
Leopard 2 (POL) 1-333

Ground Vehicle (continued)
Leopard 2 Tank 1-334
LG1 Howitzer 1-329
LIV (SO) Serval 1-330
M1025 HMMWV with M2 1-336
M1028 FMTV Canvas Cargo Truck 1-337
M1028 FMTV Cargo Truck w/ trailer 1-338
M1037 HMMWV with Shelter 1-339
M1046 HMMWV with TOW launcher 1-340
M1083A1 FMTV Flatbed Truck 1-341
M1083A1 FMTV Troop Seat Flatbed Truck 1-342
M1089A1 FMTV Wrecker 1-343
M109 Howitzer 1-344
M1117 Guardian ASV 1-345
M1120 Palletized Loading System (PLS) 1-346
M1120A4 HEMTT LHS 1-347
M1126 Stryker ICV 1-348
M113 APC 1-349
M1140 HIMARS 1-350
M1150 ABV Abrams 1-351
M1151 HMMWV ECAC 1-356
M1151 HMMWV ECAC with M2 1-354
M1151 HMMWV ECAC with M240 1-352
M1151 HMMWV ECAC with M240B 1-353
M1151 HMMWV ECAC with MK 19 1-355
M1157 FMTV Dump Truck 1-357
M1157 FMTV Troop Seat Dump Truck 1-358
M1165A1 HMMWV ECGPV IAP 1-363
M1165A1 HMMWV ECGPV IAP with M2 1-361
M1165A1 HMMWV ECGPV IAP with M240 1-359
M1165A1 HMMWV ECGPV IAP with M240B 1-360
M1165A1 HMMWV ECGPV IAP with MK 19 1-362
M1278 JLTV-GP 1-364
M142 HIMARS ATACMS 1-365
M1977 Common Bridge Transport (CBT) 1-366
M198 Howitzer 1-367

Ground Vehicle (continued)
M1A1 AIM (AUS) 1-369
M1A1 AIM (AUS) Mineplow 1-368
M1A1 SA Abrams 1-372
M1A1 SA Abrams Mineplow 1-370
M1A1 SA Abrams Mineroller 1-371
M1A2 Abrams MBT 1-373
M1A2 SEP Abrams 1-374
M1A2 SEP V2 Abrams 1-377
M1A2 SEP V2 Abrams Mineplow 1-375
M1A2 SEP V2 Abrams Mineroller 1-376
M1A2 TUSK Abrams 1-378
M270 MLRS 1-379
M2A2 Bradley IFV 1-380
M2A3 Bradley (IFV) 1-381
M35 Truck 1-382
M3A2 Bradley CFV 1-383
M577A2 Command Post 1-384
M7 BFIST 1-385
M88 Medium Recovery Vehicle 1-386
M9 ACE 1-387
M901 Patriot Launcher 1-388
M915 Tractor Truck 1-390
M915 Tractor Truck w/ Patriot Launcher 1-389
M939A2 5-Ton Truck 1-391
M977 HEMTT Cargo Truck 1-392
M978 HEMTT Fuel Truck 1-393
M983 HEMTT Patriot Tractor 1-394
M983 HEMTT w/ Patriot Launcher 1-395
M984 HEMTT Wrecker w/ M240B 1-396
M985 HEMTT Heavy Cargo 1-397
M993 MLRS 1-398
M997 HMMWV Ambulance 1-399
M998 HMMWV Utility Vehicle 1-400
Male On Motorbike 1-415
Mamba APC 1-416
MAN HX 1-401
MBT 2000 1-402
Merkava III MBT 1-417
Merkava IV MBT 1-418
M-Gator ATV 1-335
MI Plt (CIS) 1-403
MI Plt with IFV (US) 1-403
Mid Size Pickup Truck 1-419
MILCOTTS Silverado 1-404
MIM-104 Patriot Launcher 1-405
MO-120RT-61 Mortar 1-406
MOWAG Duro 1-407
Ground Vehicle (continued)
MOWAG Eagle 1-408
MRAP-ATV 1-409
MRAP-CAT I MaxxPro 1-410
MRAP-CAT II Cougar 1-411
MT-LB APC 1-412
MTVR Medium Tactical Vehicle Replacement 7-Ton 1-413
MZKT-7930 Special Wheeled Chassis 1-414
Namer APC 1-421
NASAMS 2 Launcher 1-420
Navistar 7000 1-422
Nodong Launcher 1-423
Off-Road SUV 1-424
Paddy Wagon 1-427
Panhard AML-245 1-428
Panhard M3 APC 1-429
Panther CLV 1-430
Panzerhaubitze 2000 Howitzer 1-431
Patria AMV 1-432
Patriot Engagement Control Sys 1-433
Patriot Radar AN/MPQ-65 1-434
Pegaso 3046 APC 1-435
PLZ-45 Howitzer 1-425
Police Cruiser (Chevy) 1-436
Police Tactical Van 1-437
PT-91 Twardy MBT 1-426
Puma AFV 1-438
Puma CEV 1-439
Rapier SAM 1-441
Renault GBC 180 Truck 1-442
RG-31 Nyala 1-440
Rosomak M1 with MK44 1-443
Rosomak M1 with RIWS 1-444
Rosomak M3 APC with WKM-B 1-445
Rosomak RAK with 120mm Mortar 1-446
SA-13 Gopher 1-447
SA-15 Command Post (9S737) 1-448
SA-15 Gauntlet SAM 1-449
SA-19 Grison 1-450
SA-20 Cheese Board (96L6E) 1-451
SA-20 Missile Transport/Reload Vehicle (22T6) 1-452
SA-21 Acquisition Radar (91N6E) 1-453
SA-21 Command Post (55K6E) 1-454
SA-21 Self-propelled TEL (5P90S) 1-455
SA-6 Gainful SAM 1-456
SA-9 Gaskin SAM System 1-457

Ground Vehicle (continued)
Safir Military Vehicle 1-459
Scud Launcher 1-460
Scud-ER Launcher 1-461
Sport Hatchback Coupe 1-462
Sport Standard Size Sedan 1-463
SS-25 Launcher 1-458
Standard MidSize Sedan 1-464
T-14 Armata 1-465
T-15 Armata IFV 1-466
T-55 MBT 1-467
T-62 MBT 1-468
T-69 MBT 1-469
T-72 MBT 1-470
T-80 MBT 1-471
T-84 MBT 1-472
T-90A MBT 1-473
Taurus ARV 1-479
Taxicab 1-480
Technical Truck 1-481
THAAD GB Radar 1-474
THAAD Launch Control Station 1-475
THAAD Launcher 1-476
THAAD Power Unit 1-477
Toyata Land Cruiser M240 1-482
Toyota Pickup 1-483
Tractor Trailer Cab 1-484
Tractor Trailer with Cab 1-485
TRM 1000 Truck 1-478
Type 10 MBT 1-486
Type 85 (YW 531H) APC 1-487
Type 90 Kyu-maru MBT 1-488
Type 99 MBT 1-489
URO VAMTAC 1-490
US Postal Truck 1-491
VAB APC 1-492
VBCI APC 1-493
VBL ATV 1-494
VLRA 4x4 Truck 1-495
VLRA 6x6 Truck 1-496
VM 90 LSVW 1-497
Volkswagen Type 2 Microbus 1-498
Wiesel AWC 1-500
WZ551 APC 1-499
XM7 FIST-Bradley 1-501
ZIL-135 8x8 Truck 1-502
ZPU-4 AA Gun 1-503
ZSU-23-4 Shilka 1-504
GTK Boxer APC 1-295
GTK Boxer CRV 1-296
Guided Missile Destroyer 1-788
Gulfstream G550 1-142
G-Wagen 1-291

H

Halifax-class Frigate 1-789
Hamilton Class Cutter WHEC 1-790
Hamina Class Fast Attack 1-791
Harbin SH-5 ASW 1-143
Harpers Ferry-class 1-792
Hauk-class Fast Attack 1-793
Hawkei Protected Mobility Vehicle 1-300
Haze Area 3-14
Henry J Kaiser-class Oiler 1-794
Hermes 450 1-144
Hesco Barrier Small 1-34
HH-60M Black Hawk MEDEVAC 1-682
HMMWV 50CAL Symbol 4-3
HMMWV MK19 Symbol 4-4
HMMWV with Avenger 1-299
Holland Class OPV 1-795
Horizon-class Destroyer 1-796
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
Human
Afghan Police Officer 1-505
Afghan Soldier AK47 1-506
Afghan Soldier Panzerfaust 3 1-507
African Insurgent 1-508
Australian Soldier EF88 1-509
Border Patrol Agent 1-510
Brazilian Soldier 1-511
Canadian Navy 1-513
Canadian Soldier 1-514
Child 1-515
Chilean AT4 1-516
Chilean IMI Galil 1-517
Chilean M16 1-519
Chilean M16-M203 1-518

Human (continued)
Chilean M240 1-520
Chilean M249 1-521
Chilean M4 1-522
Chilean M60 1-523
Civilian Airport Worker 1-524
Civilian Crowd (Small) 1-524
Civilian Female 1-525
Civilian Male 1-526
Civilian Mideast Crowd (Large) 1-526
Civilian Mideast Crowd (Medium) 1-527
Civilian Mideast Crowd (Small) 1-527
Colombian Airforce 1-528
Colombian Armed Forces 1-529
Colombian Military Police 1-530
Colombian Naval Infantry 1-531
Colombian Police Anti Disturb 1-532
Colombian Police Officer 1-533
Colombian Riot Police 1-534
Colombian Soldier IWI X95 1-535
COLT Team (CIS) 1-512
COLT Team (US) 1-512
Construction Worker 1-536
DI Lasing (CIS) 1-537
DI Lasing (US) 1-538
Emergency Medical Technician 1-539
European Soldier 1-540
Female On Bike 1-541
Fire Support Team 1-541
Fireman (Hose) 1-542
Fisherman with Life Jacket 1-543
Flight Deck Crew 1-546
Flight Deck Crew (Chock And Chains) 1-544
Flight Deck Crew (Grounding Cable) 1-545
Flight Deck Crewman 1-547
Flight Deck Worker 1-548
French Soldier 1-549
German Soldier 1-550
Ghillie Suit Soldier 1-551
Indian Soldier 1-553
Insurgent 1-554
Iranian Soldier 1-555
Iraqi Police Officer 1-556
Iraqi Soldier 1-557
ISIS Fighter 1-552
Israeli Soldier IMI Galil 1-558
Kurdish Fighter 1-559
Libyan Police Officer 1-560

Human (continued)
Libyan Soldier Dragunov 1-561
Male On Bike 1-562
Man in Wheelchair 1-563
Mideast Combatant 1-565
Mideast Combatant with RPG 1-564
Mideast Female 1-566
Mideast Male 1-567
North Korean Soldier AK47 1-568
North Korean Soldier AK74M 1-569
Pakistani Police Officer 1-570
Pakistani Soldier 1-571
Paratrooper 1-573
Paratrooper FT 1-572
Pilot 1-574
Police Officer 1-575
Polish Soldier FB Beryl 1-576
Qatari Soldier 1-577
Russian Rebel 1-578
Russian Soldier AK47 1-579
Russian Soldier PK74 1-580
Russian Soldier RPO 1-581
Russian Soldier SA7 1-582
Russian Soldier Sniper-127 1-583
Saudi Arabian Soldier AK103 1-584
Singaporean Soldier Armbrust 1-585
Singaporean Soldier SAR21 1-586
Somali Police Officer 1-587
Somali Soldier AK47 1-588
Somali Soldier AKS74 1-589
South Korean Soldier M60 1-590
Sudanese Police Officer 1-591
Sudanese Soldier 1-592
Suicide Bomber 1-593
Suspect 1-594
Syrian Police Officer 1-595
Syrian Soldier AK47 1-596
Syrian Soldier AKS74U 1-597
Taliban 1-598
Turkish Soldier 1-601
Turkish Soldier MPT-76 1-599
Turkish Soldier RPG 1-600
Ugandan Police Officer 1-637
Ugandan Soldier 1-638
UK Soldier L110A1 1-602
UK Soldier L129A1 1-603
UK Soldier L7A2 1-604
UK Soldier L85A2 1-606
UK Soldier L85A2 UGL 1-605
US Air Force 1-607

Human (continued)
US Army AT4 1-608
US Army Javelin 1-609
US Army M16 1-611
US Army M16-M203 1-610
US Army M2 1-614
US Army M240 1-612
US Army M249 1-613
US Army M4 1-616
US Army M4-M203 1-615
US Army M60 1-617
US Army M84 Stun Grenade 1-618
US Army M9 1-619
US Army Mech FT A (Javelin) 1-620
US Army Mech FT B 1-620
US Army Mech SQD 1-621
US Army Medic 1-622
US Army Rifle FT 1-623
US Army Rifle SQD 1-623
US Army XM107 1-624
US EOD 1-625
US Navy 1-627
US Navy With Binoculars 1-626
USMC M16 1-629
USMC M16-M203 1-628
USMC M240 1-630
USMC M249 1-631
USMC M27 1-632
USMC M32A1 1-633
USMC M4 1-634
USMC M9 1-635
USMC SQD 1-636
Hunt-class Minehunter 1-797
Husky ARV 1-301
Hydra-70 1-640

I

IAI 1124 Sea Scan 1-145
IAI Heron 1-146
IED 5 Gallon Container 1-302
IED Ammonium Nitrate Bags 1-302
IED Artillery Shell 1-303
IED Bag in Ground 1-303
IED Cell Phone 1-304
IED Exposed Ordinance 1-304
IED Pile of Boxes Large 1-305
IED Pile of Boxes Single 1-305
IED Pile of Boxes Small 1-306
IED Pressure Cooker Silver 1-306
IED Pressure Cooker White 1-307
IED Tire Pile Box 1-307
IED Tire Pile Large 1-308
IED Tire Pile Medium 1-308
IED Tire Pile Rice Bags 1-309
IED Tire Pile Single 1-309
IED Tire Pile Small 1-310
IED Trash Bags Single 1-310
IED Trash Cans Single 1-311
IED Trash Pile Large 1-311
IED Trash Pile Medium 1-312
IED Trash Pile Small 1-312
IFV SEC US 2-53
IL-76MD Candid B 1-147
IL-78M Midas Tanker 1-148
Imaging Satellite 1-713
IMR Symbol 4-4
Indian Soldier 1-553
INF BN RU solo 2-54
INF BN US solo 2-55
Insurgent 1-554
Intel Collection Area 3-10
International Space Station 1-714
Intersection Manager 4-8
Invincible-class Carrier 1-798
Iranian Soldier 1-555
Iraqi Police Officer 1-556
Iraqi Soldier 1-557
Iroquois-class Destroyer 1-799
ISIS Fighter 1-552
Island-class Patrol Vessel 1-800
Israeli Soldier IMI Galil 1-558
Iveco LMV 1-313

J

Jacinto-class Corvette 1-801
Jackal MWMIK 1-314
Jaguar IS 1-150
JAS 39 Gripen 1-149
Jet Ski 1-802
Jingle Truck 1-315
Joint Engagement Zone 3-2
Joint Engagement Zone (Altitude Limited) 3-10

K

K1A1 MBT 1-316
KA-50 Hokum 1-683

KAAN 19 Class Fast Patrol Craft 1-803
Kangaroo 1-8
Karel Doorman Class Frigate 1-806
Karel Doorman Class Support Ship (A833) 1-807
KC-10A Extender 1-151
KC-130 Hercules Tanker 1-151
KC-130J 2-29
KC-130J Super Hercules Tanker 1-152
KC-135 Stratotanker 1-152
KC-135A 2-30
KC-46A Pegasus 1-153
KCR-40 Clurit Class Fast Attack 1-804
KD-III-class Destroyer 1-805
Keeper Class (WLM) 1-808
Khareff-class Corvette 1-809
Kilo-class Submarine 1-725
Kingston Class Patrol 1-810
Kirov-class Guided Missile Cruiser 1-811
KN-02 Hwasong-11 Launcher 1-317
KN-08 Hwasong-13 Launcher 1-318
Kolkata-class Destroyer 1-812
Kornet D 1-319
Krivak-class Guided Missile Frigate 1-813
Kurdish Fighter 1-559
Kuznetsov Class Carrier 1-814

L

L 14 Albion 1-815
L-118 Howitzer 1-320
L-39 Albatros 1-154
La Fayette-class Frigate 1-821
Ladder Truck 1-331
Land Point 5-6
Land Point HQ Complex 5-6
Land Rover Wolf 1-332
Landslide 5-4
LAPV Enok 1-321
LAV AT (Anti Tank) 1-322
LAV III APC 1-323
LAV Symbol 4-4
LAV-25 1-324
LAV-AD (Air Defense) 1-325
LAV-C2 (Command and Control) 1-326
LAV-M (Mortar) 1-327
LAV-R (Recovery) 1-328
LCAC 1-817
L-class Frigate 1-816
LCS Freedom Class 1-818
LCS Independence Class 1-819
Legend Class (WMSL) 1-822
Leopard 2 (POL) 1-333
Leopard 2 Tank 1-334
LG1 Howitzer 1-329
Libyan Police Officer 1-560
Libyan Soldier Dragunov 1-561
Lifeboat Enclosed Freefall 1-823
Liferaft Enclosed 1-824
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 1-330
Lockheed L-1011 1-155
Los Angeles-Class Submarine 1-726
LPH01 Ocean 1-820
Lupo-class Frigate 1-825

M

M1025 HMMWV with M2 1-336
M1028 FMTV Canvas Cargo Truck 1-337
M1028 FMTV Cargo Truck w/ trailer 1-338
M1037 HMMWV with Shelter 1-339
M1046 HMMWV with TOW launcher 1-340
M1083A1 FMTV Flatbed Truck 1-341
M1083A1 FMTV Troop Seat Flatbed Truck 1-342
M1089A1 FMTV Wrecker 1-343
M109 Howitzer 1-344
M1117 Guardian ASV 1-345
M1120 Palletized Loading System (PLS) 1-346
M1120A4 HEMTT LHS 1-347
M1126 Stryker ICV 1-348
M113 APC 1-349
M113 Symbol 4-4
M1140 HIMARS 1-350
M1150 ABV Abrams 1-351
M1151 HMMWV ECAC 1-356
M1151 HMMWV ECAC with M2 1-354
M1151 HMMWV ECAC with M240 1-352
M1151 HMMWV ECAC with M240B 1-353
M1151 HMMWV ECAC with MK 19 1-355

M1157 FMTV Dump Truck 1-357
M1157 FMTV Troop Seat Dump Truck 1-358
M1165A1 HMMWV ECGPV IAP 1-363
M1165A1 HMMWV ECGPV IAP with M2 1-361
M1165A1 HMMWV ECGPV IAP with M240 1-359
M1165A1 HMMWV ECGPV IAP with M240B 1-360
M1165A1 HMMWV ECGPV IAP with MK 19 1-362
M1278 JLTV-GP 1-364
M142 HIMARS ATACMS 1-365
M1977 Common Bridge Transport (CBT) 1-366
M198 Howitzer 1-367
M1A1 AIM (AUS) 1-369
M1A1 AIM (AUS) Mineplow 1-368
M1A1 SA Abrams 1-372
M1A1 SA Abrams Mineplow 1-370
M1A1 SA Abrams Mineroller 1-371
M1A2 Abrams MBT 1-373
M1A2 SEP Abrams 1-374
M1A2 SEP V2 Abrams 1-377
M1A2 SEP V2 Abrams Mineplow 1-375
M1A2 SEP V2 Abrams Mineroller 1-376
M1A2 Symbol 4-5
M1A2 TUSK Abrams 1-378
M270 MLRS 1-379
M2A2 Bradley IFV 1-380
M2A2 Symbol 4-5
M2A3 Bradley (IFV) 1-381
M-346 Master 1-156
M35 Truck 1-382
M3A2 Bradley CFV 1-383
M577A2 Command Post 1-384
M67 hand grenade 1-640
M7 BFIST 1-385
M792HEI25mm 1-641
M88 Medium Recovery Vehicle 1-386
M-88 Symbol 4-4
M9 ACE 1-387
M901 Patriot Launcher 1-388
M915 Tractor Truck 1-390
M915 Tractor Truck w/ Patriot Launcher 1-389
M939A2 5-Ton Truck 1-391
M977 HEMTT Cargo Truck 1-392
M978 HEMTT Fuel Truck 1-393
M983 HEMTT Patriot Tractor 1-394
M983 HEMTT w/ Patriot Launcher 1-395
M984 HEMTT Wrecker w/ M240B 1-396
M985 HEMTT Heavy Cargo 1-397
M993 MLRS 1-398
M997 HMMWV Ambulance 1-399
M998 HMMWV Utility Vehicle 1-400
Maestrale-class Frigate 1-827
Main Axis 3-11
Male On Bike 1-562
Male On Motorbike 1-415
Mamba APC 1-416
MAN HX 1-401
Man in Wheelchair 1-563
Marine Protector Class Patrol Boat 1-828
Maveric UAS 1-162
MBT 2000 1-402
M-class Frigate 1-826
MD 500 1-684
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
Medical BN US 2-89
MEDICAL BN US solo 2-59
Medical CO US 2-67
Merkava III MBT 1-417
Merkava IV MBT 1-418
M-Gator ATV 1-335
MH-47 Chinook 1-685
MH-6 Little Bird 1-686
MH-60 Black Hawk 1-687
MH-60L Black Hawk DAP 1-688
MH-65 Dolphin 1-689
MI BN US 2-89
MI BN US solo 2-60
MI CO US 2-61
MI Plt (CIS) 1-403
MI PLT US 2-62
MI Plt with IFV (US) 1-403
Mi-17 Hip 1-691
Mi-2 Hoplite 1-692
Mi-24 Hind 1-693
Mi-28 Havoc 1-694
Mid Size Pickup Truck 1-419
Middle Eastern House 1-40
Middle Eastern House Hideout 1-39
MiddleEasternShop 1-40

Mideast Combatant 1-565
Mideast Combatant with RPG 1-564
Mideast Female 1-566
Mideast Male 1-567
MIG-21 Fishbed 1-157
MiG-27 Flogger 1-163
MiG-29 Fulcrum 1-164
MiG-35 Fulcrum F 1-165
MILCOTTS Silverado 1-404
Milgem Class Corvette 1-829
Military Tactical Ladder 12ft 1-41
Military Tactical Ladder 16ft 1-41
Military Tactical Ladder 8ft 1-42
MIM-104 Patriot Launcher 1-405
Minefield (ADAM-RAAM) 5-5
Minefield (Volcano) 5-5
Minefield Conventional 4-9
Minefield Flag-Marker 1-42
Minefield Graphic 3-11
Minefield RAAM-ADAM 4-9
Minefield Scatterable 4-10
Mirage 2000 1-166
Mirage F1 1-167
Missile Engagement Zone 3-2
Missile Engagement Zone (Altitude Limited) 3-12
Mist Area 3-15
Mistral Class AAS 1-830
Mistral SAM Missile 1-642
MK-65 Naval Mine 1-641
MLRS BTY US 2-63
MO-120RT-61 Mortar 1-406
Mohajer UAV 1-168
Mortar PLT US 2-68
Mortar SP PLT US 2-69
Moudge-class Frigate 1-831
Mountains 5-5
MOWAG Duro 1-407
MOWAG Eagle 1-408
MQ-1 Predator 1-158
MQ-4C Triton 1-159
MQ-8B Fire Scout 1-690
MQ-9 Reaper UAV 1-160
MRAP-ATV 1-409
MRAP-CAT I MaxxPro 1-410
MRAP-CAT II Cougar 1-411
MRL BTY RU 2-64
MTK Symbol 4-5
MT-LB APC 1-412
MTVR Medium Tactical Vehicle Replacement 7-Ton 1-413
Mule 1-9
Munition
  AGM-84 Harpoon Missile 1-639
  Hydra-70 1-640
  M67 hand grenade 1-640
  M792HEI25mm 1-641
  Mistral SAM Missile 1-642
  MK-65 Naval Mine 1-641
  MV-65 Quickstrike 1-642
  SM-3 1-643
  THAAD Missile 1-643
  UGM-133 Trident II 1-644
Murasame-class Destroyer 1-832
MV-22B Osprey 1-161
MV-65 Quickstrike 1-642
MZKT-7930 Special Wheeled Chassis 1-414

N

Namer APC 1-421
Nanchang Q-5 1-169
Nanuchka III-class 1-833
NASAMS 2 Launcher 1-420
National Security Cutter 1-834
Nav Edge 4-10
Naval Minefield 5-5
Navistar 7000 1-422
Neustrashimyy-class Frigate 1-835
NH90-N1 1-695
Nimitz-class Carrier 1-836
Niteroi-class Frigate 1-837
Nodong Launcher 1-423
No-Go Area 3-12
North Korean Soldier AK47 1-568
North Korean Soldier AK74M 1-569
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 1-424
OH-58 Kiowa 1-696
Ohio-class Submarine 1-727
Oksoy-class Minehunter 1-838
Oscar-class Submarine 1-728
Osprey-class Mine CMS 1-839

P

P-3 Orion 1-170
P-8A Poseidon 1-171
Paddy Wagon 1-427
Pakistani Police Officer 1-570
Pakistani Soldier 1-571
PALADIN Symbol 4-5
Palette Wooden 1-48
Palette Wooden Gray 1-47
Panhard AML-245 1-428
Panhard M3 APC 1-429
Panther CLV 1-430
Panzerhaubitze 2000 Howitzer 1-431
Parachuting Cargo Palette 1-51
Parachuting Cargo Palette 10K 1-48
Parachuting Cargo Palette 15K 1-49
Parachuting Cargo Palette 5K 1-50
Paratrooper 1-573
Paratrooper FT 1-572
Passenger Ferry 1-840
Patria AMV 1-432
Patriot BTY 2-70
Patriot Engagement Control Sys 1-433
Patriot Radar AN/MPQ-65 1-434
Pauk-class Corvette 1-841
Pedestrian Area 4-10
Pedestrian Nav Edge 4-11
Pedestrian Path 4-11
Pegaso 3046 APC 1-435
Persistent Tracks Area 3-15
Phase Line 3-2
Pilot 1-574
Planned Minefield 3-12
PLZ-45 Howitzer 1-425
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
Points (continued)
  Reference Point Data Link 5-6
POL Storage Tank 1-47
Police Cruiser (Chevy) 1-436
Police Officer 1-575
Police Tactical Van 1-437
Polish Soldier FB Beryl 1-576
Pomornik (Zubr)-class LCAC 1-842
PT-91 Twardy MBT 1-426
Puma AFV 1-438
Puma CEV 1-439

Q

Qatari Soldier 1-577
Quadcopter 1-697
Queen Elizabeth-class Carrier 1-843
Queue 4-11

R

Radio Antenna 1-51
Rafale B 1-176
RAH-66 Comanche 1-698
Rapier SAM 1-441
RDE KZO 1-172
Reference Point 5-6
Reference Point Data Link 5-6
REMUS UUV 1-729
Renault GBC 180 Truck 1-442
RG-31 Nyala 1-440
Rifle CO RU 2-71
Rifle CO US 2-72
Rigid-Hulled Inflatable Boat 1-845
Rigid-Hulled Inflatable Boat - Civilian 1-844
Riot Point 3-3
River-class Patrol Vessel 1-846
Road 5-5
Road Crater 5-7
Romeo-class Submarine 1-730
Rope Ladder 10m 1-52
Rosomak M1 with MK44 1-443
Rosomak M1 with RIWS 1-444
Rosomak M3 APC with WKM-B 1-445
Rosomak RAK with 120mm Mortar 1-446
Rotary Wing
  Agusta Westland AW-139 1-657
  Agusta Westland AW-159 Wildcat 1-658
  AgustaWestland AW101 1-659

Rotary Wing (continued)
AgustaWestland AW109 1-660
AH-1W SuperCobra 1-645
AH-6 Little Bird 1-646
AH-64A Apache 1-647
AH-64E Apache Guardian 1-650
AH-64E Apache Guardian with FCR 1-648
AH-64E Apache Guardian with UR 1-649
AH-7 Westland Lynx 1-651
AirMule 1-661
AS 332 Super Puma 1-652
AS 532 Cougar 1-653
AS 550 Fennec 1-654
AS-365 Dauphin 1-655
AS-565 Panther 1-656
Bell 206 JetRanger 1-662
Bell 406 1-663
Bell 412 1-664
Bell 429 Global Ranger 1-665
CH-146 Griffon 1-666
CH-148 Cyclone 1-667
CH-149 Cormorant 1-668
CH-46E Sea Knight 1-669
CH-47 Chinook 1-670
CH-47F Chinook 1-671
CH-53E Super Stallion 1-672
DJI S1000 1-673
DJI Spark Quadcopter 1-674
EC 635 1-675
EC-135 Eurocopter 1-676
EC145 1-677
EC665 Eurocopter Tiger 1-678
EC665 Eurocopter UH Tiger 1-679
EC725 Caracal 1-680
EH101 Merlin 1-681
HH-60M Black Hawk MEDEVAC 1-682
KA-50 Hokum 1-683
MD 500 1-684
MH-47 Chinook 1-685
MH-6 Little Bird 1-686
MH-60 Black Hawk 1-687
MH-60L Black Hawk DAP 1-688
MH-65 Dolphin 1-689
Mi-17 Hip 1-691
Mi-2 Hoplite 1-692
Mi-24 Hind 1-693
Mi-28 Havoc 1-694
MQ-8B Fire Scout 1-690
Rotary Wing (continued)
NH90-N1 1-695
OH-58 Kiowa 1-696
Quadcopter 1-697
RAH-66 Comanche 1-698
S-100 Schiebel Camcopter Black 1-699
S-100 Schiebel Camcopter White 1-700
S-70A Black Hawk 1-701
SA 330 Puma 1-702
SA 342 Gazelle 1-703
SH-3 Sea King 1-704
SH-60 Seahawk 1-705
UH-1N Twin Huey 1-706
UH-60 Black Hawk 1-707
UH-60M Black Hawk 1-708
UH-72 Lakota 1-709
WS-61 Sea King 1-710
Route 3-3
RQ-11 Raven UAV 1-173
RQ-4 Global Hawk UAV 1-174
RQ-7 Shadow UAV 1-175
Rubis-Class Submarine 1-731
Runnymede-class Landing Craft Utility 2000 1-847
Runway 4-6
Runway 1000m 1-52
Runway 150m 1-53
Russian Rebel 1-578
Russian Soldier AK47 1-579
Russian Soldier PK74 1-580
Russian Soldier RPO 1-581
Russian Soldier SA7 1-582
Russian Soldier Sniper-127 1-583

S

S-100 Schiebel Camcopter Black 1-699
S-100 Schiebel Camcopter White 1-700
S-300 Symbol 4-6
S-70A Black Hawk 1-701
SA 330 Puma 1-702
SA 342 Gazelle 1-703
SA-13 Gopher 1-447
SA-15 Command Post (9S737) 1-448
SA-15 Gauntlet SAM 1-449
SA-19 Grison 1-450
SA-20 Cheese Board (96L6E) 1-451
SA-20 Missile Transport/Reload Vehicle (22T6) 1-452
SA-21 Acquisition Radar (91N6E) 1-453

SA-21 Command Post (55K6E) 1-454
SA-21 Self-propelled TEL (5P90S) 1-455
SA-6 Gainful SAM 1-456
SA-9 Gaskin SAM System 1-457
SA-9 Symbol 4-6
Saar 4.5-class Missile Boat 1-849
Saar 4-class Missile Boat 1-848
Saar 5-class Corvette 1-850
Sachsen-class Frigate 1-851
Safir Military Vehicle 1-459
SAGEM Sperwer 1-177
Sailboat 1-852
SAM BTY RU 2-73
Sandown-class Minehunter 1-853
Saudi Arabian Soldier AK103 1-584
ScanEagle UAV 1-183
Scorpene-class Submarine 1-732
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 Launcher 1-460
Scud-ER Launcher 1-461
Secondary Radar 2-80
Sector 3-12
Sentinel Class (WPC) 1-854
Sentinel R1 1-184
SH-3 Sea King 1-704
SH-60 Seahawk 1-705
Sheep 1-10
Sheep Area 4-11
Sheep Herd 1-9
Shenyang J-11 Flanker 1-185
Shenyang J-15 Flanker D 1-186
Shenyang J-8 Finback 1-187
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 1-733
Sigma 9113-class Frigate 1-855
Sign Pole Traffic Stop 1-55
Singaporean Soldier Armbrust 1-585
Singaporean Soldier SAR21 1-586
Skiff 1-857
Skiff (Green) 1-856
Skjold-class Patrol 1-858
Slava-class Guided Missile Cruiser 1-859
SM-3 1-643
Smoke Area 3-15
Sodermanland-class Submarine 1-734
Somali Police Officer 1-587
Somali Soldier AK47 1-588
Somali Soldier AKS74 1-589
Song-class Submarine 1-735
Sonobuoy (Active) 1-860
Sonobuoy (Passive) 1-861
South Korean Soldier M60 1-590
Sovremennyy-class Destroyer 1-862
Space
  Communications Satellite 1-711
  Defense Satellite 1-712
  Imaging Satellite 1-713
  International Space Station 1-714
  Space Debris 1-714
  Space Shuttle 1-715
Space Debris 1-714
Space Shuttle 1-715
Speedboat 1-863
Sport Hatchback Coupe 1-462
Sport Standard Size Sedan 1-463
SS-25 Launcher 1-458
Standard MidSize Sedan 1-464
Steregushchiy-class Frigate 1-864
Strong Point 5-5
SU-25 Frogfoot 1-178
SU-27 Flanker 1-179
SU-33 Flanker D 1-180
SU-35 Flanker E 1-181
SU-37 Flanker 1-182
Submarine 2-92
Subsurface
  Agosta 90B-class Submarine 1-717
  Akula-class Submarine 1-718
  AN/BLQ-11 UUV 1-716
  Astute-class Submarine 1-719
  Challenger-class Submarine 1-720
  Delta III-class Submarine 1-721
  Delta IV-class Submarine 1-722
  Dolphin-class Submarine 1-723
  Gotland-class Submarine 1-724
  Kilo-class Submarine 1-725
  Los Angeles-Class Submarine 1-726
  Ohio-class Submarine 1-727
  Oscar-class Submarine 1-728
  REMUS UUV 1-729
  Romeo-class Submarine 1-730
  Rubis-Class Submarine 1-731

Subsurface (continued)
Scorpene-class Submarine 1-732
Siera II-class Submarine 1-733
Sodermanland-class Submarine 1-734
Song-class Submarine 1-735
Trafalgar-class Submarine 1-736
Triomphant-Class Submarine 1-737
Type 093 (Shang-class) Submarine 1-738
Type 094 (Jin-class) Submarine 1-739
Type 209 Submarine 1-740
Type 212 Submarine 1-741
Ula-class Submarine 1-742
Vanguard-class Submarine 1-743
Victor II-class Submarine 1-744
Victoria-class Submarine 1-745
Walrus-class submarine 1-746
Yuan-class Submarine 1-747
Sudanese Police Officer 1-591
Sudanese Soldier 1-592
Suicide Bomber 1-593
Super Dvora Mark II 1-865
Super Tanker 1-866
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 1-748
Ahmad Yani-class Frigate 1-749
Albatros-class Fast Attack 1-750
Alta-class Minehunter 1-751
Antonov-class 1-752
Aquitaine-class Frigate 1-753
Arleigh Burke-class Destroyer 1-754
Asagiri-class Destroyer 1-755
Auto Ferry 1-756
Bay-class DLS 1-758
Bay-class Patrol Boat 1-759
BM-28 Sea Lady Trawler 1-757
Brandenburg-class Frigate 1-760
Braunschweig-class Corvette 1-761
Bremen-class Frigate 1-762
Cape-class Patrol Boat 1-763
Charles de Gaulle Class Carrier 1-764
Container Ship 1-766
Container Ship Loaded 1-765
Cruise Ship 1-767
Dabur-class Patrol Boat 1-769
Surface (continued)
DDG-Aegis 1-768
De Zeven Provincien Class Frigate 1-770
Delhi-class Destroyer 1-771
Durand de la Penne-class Destroyer 1-772
Echo-class Survey Ship 1-773
Elizabeth Coastal Freighter 1-774
Eridan-class Minehunter 1-775
F-22P Zulfiquar-class Frigate 1-776
Fajr Houdong (Tondar) Class 1-777
Fatahillah-class Frigate 1-778
Fishing Boat 1-779
Fleet-class USV 1-780
Floreal-class Frigate 1-781
Flyvefisken-class Patrol Boat 1-782
Frankenthal-class Minehunter 1-783
Fridtjof Nansen-class 1-784
Gaeta-class Minehunter 1-785
Gepard-class Frigate 1-786
Grisha-class Corvette 1-787
Guided Missile Destroyer 1-788
Halifax-class Frigate 1-789
Hamilton Class Cutter WHEC 1-790
Hamina Class Fast Attack 1-791
Harpers Ferry-class 1-792
Hauk-class Fast Attack 1-793
Henry J Kaiser-class Oiler 1-794
Holland Class OPV 1-795
Horizon-class Destroyer 1-796
Hunt-class Minehunter 1-797
Invincible-class Carrier 1-798
Iroquois-class Destroyer 1-799
Island-class Patrol Vessel 1-800
Jacinto-class Corvette 1-801
Jet Ski 1-802
KAAN 19 Class Fast Patrol Craft 1-803
Karel Doorman Class Frigate 1-806
Karel Doorman Class Support Ship (A833) 1-807
KCR-40 Clurit Class Fast Attack 1-804
KD-III-class Destroyer 1-805
Keeper Class (WLM) 1-808
Khareff-class Corvette 1-809
Kingston Class Patrol 1-810
Kirov-class Guided Missile Cruiser 1-811
Kolkata-class Destroyer 1-812

Surface (continued)
Krivak-class Guided Missile Frigate 1-813
Kuznetsov Class Carrier 1-814
L 14 Albion 1-815
La Fayette-class Frigate 1-821
LCAC 1-817
L-class Frigate 1-816
LCS Freedom Class 1-818
LCS Independence Class 1-819
Legend Class (WMSL) 1-822
Lifeboat Enclosed Freefall 1-823
Liferaft Enclosed 1-824
LPH01 Ocean 1-820
Lupo-class Frigate 1-825
Maestrale-class Frigate 1-827
Marine Protector Class Patrol Boat 1-828
M-class Frigate 1-826
Milgem Class Corvette 1-829
Mistral Class AAS 1-830
Moudge-class Frigate 1-831
Murasame-class Destroyer 1-832
Nanuchka III-class 1-833
National Security Cutter 1-834
Neustrashimyy-class Frigate 1-835
Nimitz-class Carrier 1-836
Niteroi-class Frigate 1-837
Oksoy-class Minehunter 1-838
Osprey-class Mine CMS 1-839
Passenger Ferry 1-840
Pauk-class Corvette 1-841
Pomornik (Zubr)-class LCAC 1-842
Queen Elizabeth-class Carrier 1-843
Rigid-Hulled Inflatable Boat 1-845
Rigid-Hulled Inflatable Boat - Civilian 1-844
River-class Patrol Vessel 1-846
Runnymede-class Landing Craft Utility 2000 1-847
Saar 4.5-class Missile Boat 1-849
Saar 4-class Missile Boat 1-848
Saar 5-class Corvette 1-850
Sachsen-class Frigate 1-851
Sailboat 1-852
Sandown-class Minehunter 1-853
Sentinel Class (WPC) 1-854
Sigma 9113-class Frigate 1-855
Skiff 1-857
Skiff (Green) 1-856
Surface (continued)
Skjold-class Patrol 1-858
Slava-class Guided Missile Cruiser 1-859
Sonobuoy (Active) 1-860
Sonobuoy (Passive) 1-861
Sovremennyy-class Destroyer 1-862
Speedboat 1-863
Steregushchiy-class Frigate 1-864
Super Dvora Mark II 1-865
Super Tanker 1-866
Tarantul-class Corvette 1-867
Tiara 3900 Yacht 1-868
Ticonderoga Class Cruiser 1-869
Tiger-class Fast Attack Craft 1-871
Tugboat 1-872
Type 056 Jiangdao Corvette 1-873
Type 22 Frigate 1-874
Type 23 Frigate 1-875
Type 26 Frigate 1-876
Type 42 Destroyer 1-877
Type 45 Daring Class Destroyer 1-878
Type-80 Class Large Patrol Boat 1-879
Udaloy-class Destroyer 1-880
Victory-class Corvette 1-881
Wasp Class Amphibious Assault Ship 1-882
Zumwalt Class Destroyer 1-883
Suspect 1-594
Syrian Police Officer 1-595
Syrian Soldier AK47 1-596
Syrian Soldier AKS74U 1-597

T

T-14 Armata 1-465
T-15 Armata IFV 1-466
T-38C Talon 1-188
T-55 MBT 1-467
T-62 MBT 1-468
T-69 MBT 1-469
T-72 MBT 1-470
T-80 MBT 1-471
T-80 Symbol 4-6
T-84 MBT 1-472
T-90A MBT 1-473
Taliban 1-598
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 PLT US 2-83
TANK SEC US 2-84
Tarantul-class Corvette 1-867
Taurus ARV 1-479
Taxicab 1-480
Technical Truck 1-481
Terrain Page-in Area 4-11
Text 3-13
THAAD GB Radar 1-474
THAAD Launch Control Station 1-475
THAAD Launcher 1-476
THAAD Missile 1-643
THAAD Power Unit 1-477
Tiara 3900 Yacht 1-868
Ticonderoga Class Cruiser 1-869
Tiger-class Fast Attack Craft 1-871
Tire Spare 1-56
Tire Spare Compact 1-56
Tornado ADV 1-189
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
Toyata Land Cruiser M240 1-482
Toyota Pickup 1-483
Tractor Trailer Cab 1-484
Tractor Trailer with Cab 1-485
Trafalgar-class Submarine 1-736
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 1-737
TRM 1000 Truck 1-478
Tu-160 Blackjack 1-190
Tugboat 1-872
Turkish Soldier 1-601
Turkish Soldier MPT-76 1-599
Turkish Soldier RPG 1-600
Type 056 Jiangdao Corvette 1-873
Type 093 (Shang-class) Submarine 1-738
Type 094 (Jin-class) Submarine 1-739
Type 10 MBT 1-486
Type 209 Submarine 1-740
Type 212 Submarine 1-741
Type 22 Frigate 1-874
Type 23 Frigate 1-875
Type 26 Frigate 1-876
Type 42 Destroyer 1-877
Type 45 Daring Class Destroyer 1-878
Type 85 (YW 531H) APC 1-487
Type 90 Kyu-maru MBT 1-488
Type 99 MBT 1-489
Type-80 Class Large Patrol Boat 1-879

U

Udaloy-class Destroyer 1-880
Ugandan Police Officer 1-637
Ugandan Soldier 1-638
UGM-133 Trident II 1-644
UH-1N Twin Huey 1-706
UH-60 Black Hawk 1-707
UH-60M Black Hawk 1-708
UH-72 Lakota 1-709
UK Soldier L110A1 1-602
UK Soldier L129A1 1-603
UK Soldier L7A2 1-604
UK Soldier L85A2 1-606
UK Soldier L85A2 UGL 1-605
Ula-class Submarine 1-742
Ultralight Trike 1-191
Unexploded Ordnance 5-5
URO VAMTAC 1-490
US Air Force 1-607
US Army AT4 1-608
US Army Javelin 1-609
US Army M16 1-611
US Army M16-M203 1-610
US Army M2 1-614
US Army M240 1-612
US Army M249 1-613
US Army M4 1-616
US Army M4-M203 1-615
US Army M60 1-617
US Army M84 Stun Grenade 1-618
US Army M9 1-619
US Army Mech FT A (Javelin) 1-620
US Army Mech FT B 1-620
US Army Mech SQD 1-621
US Army Medic 1-622
US Army Rifle FT 1-623
US Army Rifle SQD 1-623

US Army XM107 1-624
US EOD 1-625
US Navy 1-627
US Navy With Binoculars 1-626
US Postal Truck 1-491
USMC M16 1-629
USMC M16-M203 1-628
USMC M240 1-630
USMC M249 1-631
USMC M27 1-632
USMC M32A1 1-633
USMC M4 1-634
USMC M9 1-635
USMC SQD 1-636

V

VAB APC 1-492
Vanguard-class Submarine 1-743
VBCI APC 1-493
VBL ATV 1-494
Vending Machine Newspaper 1-63
Vending Machine Publication 1-64
Victor II-class Submarine 1-744
Victoria-class Submarine 1-745
Victory-class Corvette 1-881
VLRA 4x4 Truck 1-495
VLRA 6x6 Truck 1-496
VM 90 LSVW 1-497
Volkswagen Type 2 Microbus 1-498

W

Walrus-class submarine 1-746
Wasp Class Amphibious Assault Ship 1-882
Water Buffalo 1-11
Waterway 5-7
Waypoint 3-3
Weapons CO US 2-87
Weather (Area) 3-15
Weather (Box) 3-15
Weather (Circle) 3-16
Weather (Ellipse) 3-16
Wiesel AWC 1-500
Wind Corridor 3-14
WS-61 Sea King 1-710
WZ551 APC 1-499

X-Y-Z

Xian H-6 Badger 1-192
Xian H-6U Badger Tanker 1-193
Xian JH-7 1-194
Xian KJ-2000 Mainring 1-195
XM7 FIST-Bradley 1-501
Yuan-class Submarine 1-747
ZIL-135 8x8 Truck 1-502
ZPU-4 AA Gun 1-503
ZSU-23-4 Shilka 1-504
ZSU-23-4 Symbol 4-7
Zumwalt Class Destroyer 1-883



VRF-4.10-21-210817