





























































































Military Terrain Style - Colors

 Black	 Black 31-45	 AeroBlue 31-75
 Grid Black	 Black 42-45	 Red Brown 7-45
 Fore Black	 Black 54-30/60	 Red Brown 21-75
 Built Black	 Black 54-45	 Red Brown 42-60
 Blue	 Black 67-30/60	 Red Brown 54-60
 Grid Blue	 Blue 4-45	 Red Brown 67-30/60
 Red Brown	 Blue 12-45	 Yellow 79-30
 Grid Brown	 Blue 21-45	 Yellow 42-15
 Aero Blue	 Blue 31-45	 Yellow 42-75
 Green	 Blue 31-75	 HAC Black
 Yellow	 Green 12-15	 HAC Nav Aids
 Purple	 Green 12-45	 HAC Water 5
 Grid Purple	 Green 21-45	 HAC Water 10
 Brown	 Green 31-75	 HAC Land
 Black 7-45	 AeroBlue 4-45	 HAC Bua
 Black 12-15	 AeroBlue 12-15	 HAC Utm
 Black 12-45	 AeroBlue 21-45	 Purple 2
 Black 21-45	 AeroBlue 31-45	 White
		 Red

Military Terrain Style - Fill Symbols

Terrain 01		Terrain 20		Terrain 56
 Terrain 02		Terrain 22		Terrain 58
 Terrain 03		Terrain 24		Terrain 60
 Terrain 04		Terrain 26		Terrain 62
 Terrain 05		Terrain 28		Terrain 64
 Terrain 06		Terrain 30		Terrain 66
 Terrain 07		Terrain 32		Terrain 68
 Terrain 08		Terrain 34		Terrain 70
 Terrain 09		Terrain 36		Terrain 72
 Terrain 10		Terrain 38		Terrain 74
 Terrain 11		Terrain 40		Terrain 76
 Terrain 12		Terrain 42		Terrain 78
 Terrain 13		Terrain 44		Terrain 80
 Terrain 14		Terrain 46		Terrain 82
 Terrain 15		Terrain 48		Terrain 83
 Terrain 16		Terrain 50		Terrain 84
 Terrain 17		Terrain 52		Terrain 87
 Terrain 18		Terrain 54		Terrain 89

Military Terrain Style - Fill Symbols



Terrain 91



Terrain 127



Terrain 163



Terrain 93



Terrain 129



Terrain 165



Terrain 95



Terrain 131



Terrain 167



Terrain 97



Terrain 133



Terrain 169



Terrain 99



Terrain 135



Terrain 101



Terrain 137



Terrain 103



Terrain 139



Terrain 105



Terrain 141



Terrain 107



Terrain 143



Terrain 109



Terrain 145



Terrain 111



Terrain 147



Terrain 113



Terrain 149



Terrain 115



Terrain 151



Terrain 117



Terrain 153



Terrain 119



Terrain 155



Terrain 121



Terrain 157



Terrain 123



Terrain 159



Terrain 125



Terrain 161

Military Terrain Style - Marker Symbols

Empty 1

- Control point, Light
- Chimney, Water tower, Monument
- Tank, Control point, (vertical)
- Well (perennial)
- Miscellaneous cultural feature 1
- Cistern

Storage bunker/storage mound

- ⌞ Building (School)
- † Building (Church) 1

Empty 2

- ⌘ Building (Marabout)
- ‡ Building (Synagogue), Cemetery (Jewish)
- ⌞ Cemetery (Buddhist)
- Building (Single family dwelling, House)

Military Terrain Style - Marker Symbols

- ^ Tent dwelling
- ⚡ Vertical Obstruction 1
- ⌋ Cave dwelling
- 🏠 Power line tower
- ⚡ Vertical Obstruction 2
- ⚡ Rock/Coral (awash)
- * Rock/Coral (covers & uncovers)
- * Rock formation (Pinnacle)
- * Ice peak/Nunatak (rock)
- * Ice peak/Nunatak (snow/ice)
-) (Mountain pass
- Tunnel (road)
- Tunnel (aqueduct)
- Culvert
- 🏠 Building (School)

Military Terrain Style - Marker Symbols

- ‡ Building (Church) 2
- ⴒ Building (Mosque)
- ⴓ Building (Synagogue)
- ⴒ Cemetery (Islamic)
- Well (non-perennial)
- Flow arrow
- ⴒ Geothermal feature
- ⴒ Spring (perennial)
- ✈ Wreck
- ⴒ Rapids, Waterfall
- ⴒ Dam
- ⴒ Railroad tick (Narrow gauge, Double track) 1
- ⴒ Railroad tick (Normal gauge, Double track)
- ⴒ Railroad tick (Narrow gauge, Single track, Electric)
- ⴒ Railroad tick (Normal gauge, Single track, Electric)

Military Terrain Style - Marker Symbols


- ✈ Railroad tick (Narrow gauge, Double track, Electric)
- ✈ Railroad tick (Normal gauge, Double track, Electric)
- ✈ Railroad tick (Narrow gauge, Double track) 2
- ✈ Railroad tick (Narrow gauge, Single track) 1
- ✈ Railroad tick (Narrow gauge, Single track) 2
- ✕ Mine/Quarry (Operational)
- ✕ Mine/Quarry (Abandoned)
- ✈ Aircraft facility (Airport)
- ✈ Aircraft facility (Seaplane base)
- ✈ Peat cuttings
- ✈ Aircraft landing pad (Hospital)
- ✈ Aircraft landing pad (Heliport)
- ✈ Rice paddy (used in legend)
- Road objective arrow 1
- Road objective arrow 2

Military Terrain Style - Marker Symbols

- Road objective arrow (arrow head only)
- ◀ River/stream vanishing point (dissipating)
- Arrowhead 2
- ⊕ Aircraft facility
- Spot Elevation
- △ Control point (Horizontal)
- ▣ Boundary marker
- ┆ Point of change identifier (Transportation)
- ┆ Point of change identifier (Hydrography)
- ┆ Railroad tick 1
- ┆ Railroad tick 2
- Misc nautical 1
- ⌒ Bridge 1
- ⌒ Bridge 2
- ⌒ Vertical Obstruction (separated symbol) 2

Military Terrain Style - Marker Symbols

 Powerline pylon


 Multiple Obstructions

• Light

 Multiple Vertical obstructions (symbol separated)

▪ Stadium

 Navaid (Vortac omnirange)

 Navaid (VOR/DME)

◉ Navaid (Radio facilities)


 Navaid (VOR omnirange) 1


 Navaid (VOR omnirange) 2

 Airport

→ Tunnel, Navaid (visual)

★ True North Star 1

 Magnetic North arrow head (left) 1

 Magnetic North arrow head (right) 1

Military Terrain Style - Marker Symbols

★ True North Star 2

↙ Magnetic North arrow head (left) 2

↘ Magnetic North arrow head (right) 2

★ True North Star 3

↙ Magnetic North arrow head (left) 3

↘ Magnetic North arrow head (right) 3

★ True North Star 4

↙ Magnetic North arrow head (left) 4

↘ Magnetic North arrow head (right) 4

★ True North Star 5

↙ Magnetic North arrow head (left) 5

↘ Magnetic North arrow head (right) 5

★ True North Star 6

↙ Magnetic North arrow head (left) 6

↘ Magnetic North arrow head (right) 6


Military Terrain Style - Marker Symbols

- ★ True North Star 7
- ↵ Magnetic North arrow head (left) 7
- ↵ Magnetic North arrow head (right) 7
- ★ True North Star 8
- ↵ Magnetic North arrow head (left) 8
- ↵ Magnetic North arrow head (right) 8
- △ Vegetation symbols used for the legend 1
- Vegetation symbols used for the legend 2
- Vegetation symbols used for the legend 3
- △ Vegetation symbols used for the legend 4
- 🏭 Chimney/smokestack (conspicuous), Foreshore
- 🏰 Tower (non-communication-conspicuous)
- 🚢 Container crane
- 🔥 Flare pipe (on ground-conspicuous)
- ⚙ Windmill/windmotor (other-conspicuous)


Military Terrain Style - Marker Symbols

- ◉ Miscellaneous cultural feature 2
- + Building (cathedral/church), Building
- ✕ Building (pagoda/shrine/temple-conspicuous)
- ♣ Rescue station
- ⚓ Display sign (marine)
- ⚓ Flagstaff/flagpole (conspicuous)
- ⚓ Monument 1
- ▢ Ferry (used on line symbol) 1
- ⚓ Water tower (conspicuous)
- ⚓ Mooring mast (conspicuous)
- ◉ Built-up area
- ⚓ Communication tower (conspicuous) 1
- ⚓ Anchorage (General, Tanker, or Time limited)
- ◉ Calling-in point 1
- ◉ Calling-in point 2

Military Terrain Style - Marker Symbols

 Calling-in point 3

 Landing place (man-made)

 Misc nautical 2

▫ Misc nautical 3

 Discolored water

○ Underwater feature, Foul ground (depth unknown)


⊕ Rock (rock/coral-awash-dangerous)

⌒ Breakers (at shoreline)

⊠ Crib (Below surface-depth unknown, Covers and uncovers, Below surface-depth known)

▫ Crib (above surface)

Foul ground (depth unknown)
















 Kelp

 Platform (lighted-racon/ramark)


⊕ Rock (rock/coral-below srfc-dpth unknown-dangerous, rock/coral-below srfc-depth known-dangerous)

* Rock (rock/coral-cov and uncov-hght unkn/kndang, rock/coral-cov and uncov-hght unkn/kn-not dang)

Military Terrain Style - Marker Symbols

-  Wreck (Below surface-depth unknown-dangerous, covers and uncovers-mast funnel)
-  Wreck (Below surface-depth unknown-not dangerous)
-  Current arrow/flow arrow (general)
-  Current arrow/flow arrow (flood)
-  Current arrow/flow arrow (ebb)
-  Current arrow/flow arrow (Doubtful/Ocean)
-  Position of tabulated tidal data
-  Ice peak/Nunatak
-  Maritime limit (Pilot boarding area-by boat, Pilot boarding area-helicopter)
-  Restricted area (fishing prohibited)
-  Restricted area (anchoring prohibited)
-  Beacon
-  Berth
-  Topmark 1
-  Topmark 2

Military Terrain Style - Marker Symbols


 Wreck (below surface-depth unknown but safe) 1


 Topmark 3

 Topmark 4


 Topmark 5


 Topmark 6


 Buoy 1


 Wreck (below surface-depth unknown but safe) 2

 Roundabout (separation zone point)

 Buoy 2

 Buoy 3

 Buoy 4

 Misc nautical 4

 Topmark 7

 Topmark 8

 Topmark 9

Military Terrain Style - Marker Symbols

Topmark 10

Topmark 11

Buoy 5

Buoy 6

Buoy 7

Buoy 8

Buoy 9

Buoy 10

Buoy 11

Buoy 12

Buoy 13

Buoy 14

Buoy 15

Buoy 16


Buoy 17


Military Terrain Style - Marker Symbols


 Signal 1

 Signal 2

 Signal 3


 Navigation system type 2


 Buoy 18


 No bottom found at depth shown

 Eddies


 Overfalls/tid rips


 Trees (casuarina)


 Trees (coniferous)

 Trees (nipa palm)

 Trees (filao)


 Trees (evergreen)

 Trees (deciduous)

 Trees (eucalyptus)

Military Terrain Style - Marker Symbols

 Bottom characteristics (springs in seabeds)

 Bottom characteristics (Mobile bottom/sandwaves)


 Crane

 Flare


 Battery

 Fort, Building (castle)

 Windmill/windmotor (electric)

 Building (post office)

 Building (Health office, Hospital)

 Building (custom house)

 Building (harbor master's office)

 Building (stupa-conspicuous)

 Communication tower (conspicuous) 2

 Heliport

 Anchorage (berths)

Military Terrain Style - Marker Symbols



Anchorage (quarantined)



Anchorage (deep water/deep draft)



Misc nautical 5



Perch/stake



Perch/stake (arrow-starboard)



Perch/stake (y-port)



Piling (below surface-not accurate)



Rock (rock/coral-below srfc-depth unkn-not dang, rock/coral-below srfc-depth known-not dang)



Direction of flow



Mine danger area (maintained), Prohibited area, Restricted area, Restricted area (area to avoid)



Topmark 12



Topmark 13



Topmark 14



Topmark 15


















Topmark 16

Military Terrain Style - Marker Symbols

- ◊ Topmark 17
- ⚡ Topmark 18
- ⚡ Topmark 19
- ⚡ Topmark 20
- ⚡ Topmark 21
- ⚡ Topmark 22
- ◊ Topmark 23
- ⚡ Topmark 24
- ⚡ Topmark 25
- ⚡ Topmark 26
- ⚡ Topmark 27
- ⚡ Topmark 28
- ⚡ Topmark 29
- ⚡ Misc nautical 6
- ⚡ Topmark 30

Military Terrain Style - Marker Symbols

-  Anchorage area
-  Snag/stump, Wreck, Ruins, Underwater feature
-  Rock 1
-  Offshore loading facility (lighted)
-  Platform (lighted)
-  Platform (unlighted-racon/ramark)
-  Monument 2
-  Ruins, Underwater feature, Snag/stump, wreck
-  Misc nautical 7
-  Misc nautical 8
-  Building superstructure addition
-  Fishing harbor
-  Wreck, Underwater feature 1
-  Rock (rock/coral-below srfc-depth known by wire-not dangerous)
-  Anchorage (explosive/reserved)

Military Terrain Style - Marker Symbols


 Trees (palm)

▪ Platform (unlighted)

▢ Ferry (used on line symbol) 2

⊖ Customs boundary (for line symbol)

· Island 1

 Tidal stream data point

○ Misc nautical 9

● Ruins (above surface)

◁ Route (line symbol decorations) 1

⇒ Route (line symbol decorations) 2

◁ Route (line symbol decorations) 3

↻ Flare pipe (off shore)


⊙ Nav aids (aeronautical)

‡ Piling (below surface-accurate), Snag/stump (below surface-depth unknown-accurate)

○ Calling-in point 4

Military Terrain Style - Marker Symbols

 Marker

 Raoundabout (narrow)

 Current diagram

 Arrowhead 1

 Traffic Separation scheme (arrow)


 Route

 Radar reflector

 Buoy 19

 Cemetery (Christian)

 Cemetery (Jewish)

 Buoy 20

 Line decoration

 Navigation system type 1

 Anchorage 1

 Anchorage 2

Military Terrain Style - Marker Symbols



Anchorage 3



Mine danger area



Restricted area



Anchorage 4



Anchorage 5



Misc nautical 10



Wreck, Underwater feature 2



Rock 2



Island 2



miscellaneous underwater feature 1



miscellaneous underwater feature 2



miscellaneous underwater feature 3



Building (Single family dwelling, House)



Point symbol ERROR

AaBbYyZz Chart number in national chart series

A a B b Y y Z z Identification of a latticed chart

AaBbYyZz Chart number in international chart series

AaBbYyZz Publication note

AaBbYyZz Stock number

AaBbYyZz Edition note

AaBbYyZz Source data diagram

AaBbYyZz Dimensions of inner borders

AaBbYyZz Corner co-ordinates

A a B b Y y Z z Chart title

A a B b Y y Z z Chart subtitle

AaBbYyZz Explanatory notes on chart construct

A a B b Y y Z z Seals

Military Terrain Style - Text Symbols

AaBbYyZz Projection

AaBbYyZz Scale

AaBbYyZz Linear scale

AaBbYyZz Reference to large-scale chart

AaBbYyZz Cautionary notes

AaBbYyZz Reference to an adjoining chart, sim scale

A a B b Y y Z z Physical Region

AaBbYyZz Coastal Region

A a B b Y y Z z Ocean

A a B b Y y Z z Sea

AaBbYyZz River

AaBbYyZz Stream