

This Chart Legend provides a visual reference and brief description of most objects found on C-MAP NT+ electronic charts. Images on the left represent relative objects on color displays, while images on the right refer to grayscale displays. These images are only representative of typical systems. Variations of color or grayscale may be noticed from one manufacturer's system to another. While display of objects may generally be enabled or disabled by the following categories, those marked with an asterisk (*) will always remain on-screen.

POSITIONS, DIRECTIONS, COMPASS

- Symbols in plan: position is center of symbol
- Symbols in profile: position is at bottom of symbol
- Control point *
- Magnetic variation (see attributes) *

NATURAL FEATURES

- Land area and coastline *
- Hill, dune
- Land contour lines
- Salt pan
- Pingo *
- Glacier *
- Vegetation area
- Tree

RIVERS, LAKES

- River, canal
- Lake
- Waterfall

CULTURAL FEATURES

- Hopton Built-up area
- Road in general
- Motorway
- Major road - type A
- Major road - type B
- Major road - type C
- Exits
- Minor road
- Track / path
- Major street
- Minor street
- Pedestrian way
- Railway
- Tunnel, tunnel entrances
- Airport
- Bridge *
- Overhead cable *, with pylons
- Overhead pipeline *
- Telepheric
- Fence
- Yacht harbor, marina
- Accessories / Marine electronics
- Bank / Exchange
- Boat hoist
- Boat yard
- Bottle gas
- Car parking
- Caravan site
- Chandler
- Coastguard
- Commercial fishing services
- Crane
- Customs / Custom police
- Electrical / Electronic repairs
- Electricity
- Engine repairs
- Fishing / Diving gear, SCUBA recharge
- Fuel station
- Harbor Master
- Health emergency
- Hotel / Inn
- Launderette
- Other marine repairs
- Parking for boat and trailers
- Pharmacy
- Police
- Post box
- Post Office
- Provisions
- Public radio
- Public radio telegraph
- Public telegraph
- Public telephone
- Public toilets
- Refuse bin
- Sewerage pump-out station
- Showers
- Slipway
- Transportation services
- Visitor's berth
- Water
- Waypoint
- Yacht Club

PORT, SERVICES

- Breakwater *
- Groyne *, Causeway * (always dry, intertidal, underwater)
- Pier, Jetty *
- Harbor facility in general
- Fishing harbor
- Pontoon
- Landing place
- Landing stairs
- Berth with designation
- Dolphin *
- Mooring trot (anchors with chain/wire)
- Piles *
- Slipway, ramp
- Gridiron
- Dry dock
- Floating dock
- Wet dock
- Floating oil barrier
- Area under reclamation *
- Hulk
- Gates *, locks
- Lava
- Coral
- Distance mark
- Dam, weir
- Roll-on, roll-off terminal
- Timber Yard
- Crane Check point
- Signal station Coastguard station
- Rescue station Pilot boarding place

LANDMARKS

- Buildings
- Church Cemetery
- Tower Mast
- Chimney Flare stack
- Monument Flagstaff
- Windmill Windmotor
- Dish aerial Radar dome
- Tank Silo
- Fortified structure
- Harbor Master's office
- Custom office
- Hospital, health office
- Post office

SEABED TYPE

- | | |
|------------------|----------------------|
| M Mud | Vol Ash Volcanic ash |
| Cy Clay | K Kelp |
| Sl Silt | Gr Grass |
| S Sand | Slg Sea-tangle |
| St Stone | Spi Spicules |
| G Gravel | Clr Cirripedia |
| P Pebbles | Fu Fucus |
| Cb Cobbles | Ma Mattes |
| R Rock | S Co Sabellaria |
| Lv Lava | S Bk Sandbank |
| Co Coral | |
| Sh Shells | f Fine |
| Wd Weed | m Medium |
| Gd Ground | c Coarse |
| Oz Ooze | bk Broken |
| Ml Marl | sy Sticky |
| Sn Shingle | so Soft |
| Bo Boulders | sf Stiff |
| Ck Chalk | v Volcanic |
| Qz Quartz | ca Calcareous |
| Md Madrepora | h Hard |
| Ba Basalt | |
| Pm Pumice | w White |
| T Tufa | bl Black |
| Sc Scoriae | rd Red |
| Cn Cinders | gn Green |
| Mn Manganese | b Blue |
| Gc Glauconite | y Yellow |
| Oy Oysters | gy Grey |
| Ms Mussels | br Brown |
| Sp Sponge | ch Chocolate |
| Al Algae | ll Light |
| Fr Foraminifera | d Dark |
| Gt Globigerina | |
| Di Diatoms | |
| Rd Radiolaria | |
| Pt Pteropods | |
| Po Polyzoa | |
| Sch Schist | |
| Co Hd Coral Head | |

Examples of composite abbreviations:

- Seabed area, rocky area, coral reef
- Weed / kelp
- Sand waves
- Spring in seabed

TIDES, CURRENTS

- Tide height (prediction available)
- Current
- Water turbulence

DEPTHS, SOUNDINGS

- Intertidal area *, with low water line
- Depth area, with depth line (10 meters)
- Depth line (out of selected range)
- Sounding (depth of 2 meters and 5 dm)
- Drying height above chart datum
- Dredged area *
- Unsurveyed area or minimal depiction area *

(an area on the source nautical chart where most information is omitted, to indicate that the chart has too general scale for navigation and to induce the mariner to use more detailed charts)

WRECKS, OBSTRUCTIONS

- Danger line, in general
- Rock (always dry) *
- Rock (covers and uncovers) *
- Rock (awash) *
- Rock (always underwater) *
- Breakers
- Wreck showing hull or superstructure
- Submerged wreck (dangerous)
- Submerged wreck (non-dangerous)
- Remains of a wreck / foul area
- Wreck area
- Obstruction
- Fish haven *
- Submerged wellhead *
- Offshore platform *
- Submarine cable
- Submarine pipeline, with diffuser
- Cable area, submarine pipeline area

Rocks, wrecks, obstructions, fish havens: the depth value, if known, is encoded into attributes

TRACKS, ROUTES

- Navigation line
- Recommended track
- Recommended route centerline Deep water route centerline
- Deep water route (depth: see attributes)
- Traffic separation scheme: boundary, lanes, separation zone, separation line
- Precautionary area
- Fairway
- Radar range, radar line
- Radio calling-in point
- Ferry route
- Restricted area
- Prohibited area (no unauthorized entry)
- Caution area (with warning about safety of navigation, e.g. a danger, a risk, a rule, or advice)
- Anchorage area
- Anchorage (no defined limits)
- Anchor berth, with designation
- Anchor berth, with swinging circle
- Sea-plane landing area
- Anchoring prohibition area
- Fishing prohibition area
- Diving prohibition area
- Inshore traffic zone
- Area to be avoided
- Nature reserve
- Bird sanctuary
- Game preserve
- Seal sanctuary
- Dumping ground in general
- Explosives dumping ground
- Chemical wastes dumping ground
- Nuclear wastes dumping ground
- Degaussing range
- Military area
- Military practice area (firing danger areas, mine-laying practice areas, etc.)
- Minefield
- Log pond
- Spoil ground
- Cargo transshipment area
- Incineration area
- Fishing ground
- Fish trap area, tunny nets area
- Marine farm
- Submarine transit lane
- Limit of ice / glacier *
- International boundary on land
- International maritime boundary
- Straight territorial sea baseline
- Territorial sea area, contiguous zone, fishery zone, continental shelf area, EEZ
- Custom zone, free port area
- Harbor area (administrative)

ATTENTION AREAS

NAV-AIDS (aids to navigation)

- Light in general Lighthouse
- Lighted offshore platform *
- Light float, light vessel *
- Colors of lights
- Multiple colored lights on same structure
- Sector light (sectors displayed)
- Sector light (sectors not displayed)
- Light characteristic (e.g. fixed, flashing, etc.), period, elevation, range: see attributes
- Buoy shapes: nun, can, spherical, pillar, spar, barrel, superbuoy International and US symbols
- Examples of colored buoys International and US symbols
- Buoy and beacon topmarks
- Radar reflector
- Example of lighted buoy with topmark and radar reflector International and US symbols
- Examples of colored beacons International and US symbols
- Cairn
- Lateral marks: port, starboard, preferred channel to port, preferred channel to starboard International and US symbols for different regions IALA A and IALA B
- Symbol showing direction of buoyage
- Cardinal marks: N, E, S, W International and US symbols
- Isolated danger marks International and US symbols
- Safe water marks International and US symbols
- Special marks International and US symbols
- Fog signal
- Radar station, radar transponder beacon, radio station