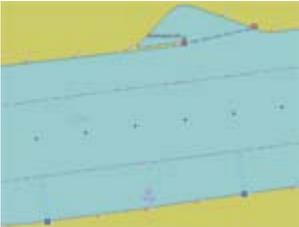


# M - Areas, Limits

## M.1 Anchorage Areas and Berths

### M.1.1 Anchorage Area (C)

An area in which vessels anchor or may anchor. (IHO Dictionary, S-32, 5th Edition, 130)

Graphics	Encoding Instructions	Object Encoding
<p><i>IENC Symbolization</i></p> 	<p>A) For anchorage berth see M.1.2 For berth without transshipment see M.1.3</p> <p>B) For individual recommended anchorages without defined limits, the associated spatial object is a point with 'catach' = 1 and STATUS = 3.</p> <p>C) Where an anchorage may only be used for a limited period the duration should be indicated in INFORM. If there is a time schedule referring to special dates or times, use time schedule (general) object 'tisdge' (see T.1.1).</p> <p>D) To encode an anchorage, objects such as 'achare', 'achbrt', MORFAC, resare and navigational aids like 'notmrk' may be associated using a collection object C_ASSO.</p> <p>E) EU: The linear extent of 'achare' object is defined by markers or notice marks (CEVNI signs E.5 – E.5.15 or E.6) on the bank.</p> <p>F) If the name of the anchorage is important for navigation and should be displayed without the use of the pick report, use SEAARE object additional.</p> <p>G) If a structured external XML-file with more detailed communication information is available, the reference to the file has to be entered in the TXTDSC attribute.</p> <p>H) The class of dangerous goods in accordance with ADN and CEVNI: 1 (one blue light/cone, CEVNI signs E.5.5, E.5.9, E.5.13), 2 (two blue lights/cones, CEVNI signs E.5.6, E.5.10, E.5.14), 3 (three blue lights/cones, CEVNI signs E.5.7, E.5.11, E.5.15), 4 (no blue lights/cones, CEVNI signs E.5.4, E.5.8, E.5.12). Dangerous goods in accordance with inland waterway regulations of the Russian Federation: 5 (one red light/cone)</p>	<p><b>Object Encoding</b></p> <p><b>Object Class = achare(P,A)</b></p> <p>(O) catach = [1 (unrestricted anchorage), 2 (deep water anchorage), 3 (tanker anchorage), 4 (explosive anchorage), 5 (quarantine anchorage), 6 (sea-plane anchorage), 7 (small craft anchorage), 9 (anchorage for periods up to 24 hours), 10 (push tow anchorage, CEVNI signs E.5.4, E.5.5, E.5.6, E.5.7), 11 (anchorage for other vessels than push tows, CEVNI signs E.5.8, E.5.9, E.5.10, E.5.11), 12 (anchorage for dry-cargo vessels), 13 (anchorage for rafts)]</p> <p>(O) clsdng = [1 (one blue light / cone), 2 (two blue lights / cones), 3 (three blue lights / cones), 4 (no blue light / cone), 5 (one red light / red cone top down)]</p> <p>(O) TXTDSC = (Refer to letter G)</p> <p>(O) OBJNAM = [name or number designation to the anchorage area]</p> <p>(O) NOBJNM = (Refer to Section B, General Guidance)</p> <p>(O) restrn = [2 (anchoring restricted), 8 (entry restricted), 13 (no wake), 27 (speed restricted), 32 (berthing restricted)]</p> <p>(O) NATSUR = [1 (mud), 2 (clay), 3 (silt), 4 (sand), 5 (stone), 6 (gravel), 7 (pebbles), 8 (cobbles), 9 (rock), 11 (lava), 14 (coral), 17 (shells), 18 (boulder)]</p> <p>(O) STATUS = [3 (recommended), 8 (private), 12 (illuminated), 14 (public), 16 (watched), 17 (un-watched)]</p> <p>(C) unlocd = [ISRS code]</p> <p>(O) INFORM = [additional information, e.g., limited duration of use, restrictions of the number, the kind or size of vessels]</p> <p>(O) NINFOM = (Refer to Section B, General Guidance)</p> <p>(M) SCAMIN = [EU: 22000 for areas, 12000 for points; US: 45000]</p> <p>(C) SORDAT = [YYYYMMDD]</p> <p>(C) SORIND = (Refer to Section B, General Guidance)</p>

top down).

- I) If the ISRS code is available, it has to be encoded (please refer to general guidance section H).
- J) EU: Anchorage areas must be encoded.

**Conditional (Refer to letter F)**

**Object Class = SEAARE(A)**

(M) OBJNAM = [name or number designation of the anchorage area]

(O) NOBJNM = (Refer to Section B, General Guidance)

(M) SCAMIN = [45000 or use SCAMIN formula to calculate value]

(C) SORDAT = [YYYYMMDD]

(C) SORIND = (Refer to Section B, General Guidance)

