

# M - Areas, Limits

## M.4 Miscellaneous Areas / Limits

### M.4.1 Communication Area (C)

An area, in which a vessel has to report or may request information

Graphics	Encoding Instructions	Object Encoding
<p><i>IENC Symbolization (No IENC symbolization (only in pick report))</i></p>	<p>A) EU: A communication area can be defined by notice marks (CEVNI signs B.11 or E.23, see O.3.1) or by regulations. Communication areas at locks should include the waiting areas and advance signals. The communication area at bridges should cover about 1 to 1,5 km on both sides of the bridge, depending on the normal radar range.</p> <p>B) Use 'comare' object class.</p> <p>C) If there is a reporting duty at a specific point/line use 'rdcpnt' object class. (Refer to Q.2.1)</p> <p>D) The purpose of communication area should be given in the 'catcom' attribute.</p> <p>E) The channel number assigned to a specific radio frequency, frequencies or frequency band has to be indicated in the COMCHA attribute.</p> <p>F) EU: The STATUS attribute should be used to indicate whether communication is recommended (CEVNI sign E.23) or mandatory (CEVNI sign B.11).</p> <p>G) Detailed communication information (postal address, phone, fax, e-mail etc.) should also be encoded in the respective object class.</p> <p>H) EU: To encode a communication area, objects such as locks (lokbsn), bridges (bridge), customs (BUISGL, chkpnt), harbours (hrbare, prtare, hrbbsn), berths (berths) and notice marks (notmrk), may be associated using a collection object C_ASSO.</p> <p>I) If a structured external XML-file with more detailed communication information is available, the reference to the file has to be entered in TXTDSC. If some other means of communication is used for time-critical navigation-related communication, this should be</p>	<p><b>Object Encoding</b></p> <p><b>Object Class = comare(A)</b></p> <p>(O) catcom = [1 (VTS centre), 2 (VTS sector), 3 (IVS point), 4 (MIB), 5 (lock), 6 (bridge), 7 (custom), 8 (harbour)]</p> <p>(M) COMCHA = [[XXXX];[XXXX];...]</p> <p>(O) OBJNAM = [name of the communication area, e.g. "lock xy"]</p> <p>(O) NOBJNM = (Refer to Section B, General Guidance)</p> <p>(O) STATUS = [3 (recommended), 8 (private), 9 (mandatory), 14 (public)]</p> <p>(O) INFORM = (additional information)</p> <p>(O) NINFOM = (Refer to Section B, General Guidance)</p> <p>(O) TXTDSC = (Refer to letter I)</p> <p>(M) SCAMIN = [EU: 45000; US: 60000]</p> <p>(C) SORDAT = [YYYYMMDD]</p> <p>(C) SORIND = (Refer to Section B, General Guidance)</p>

	<p>mentioned in the remarks of the XML-file.</p> <p>J) EU: Communication Areas must be encoded.</p>	
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