

C - IENC Meta Information

C.1 Meta Features

C.1.5 Vertical Datum (O)

A geographical area of uniform vertical datum. (S-57 Standard)

Graphics	Encoding Instructions	Object Encoding
	<p>A) If the vertical datum is different to the value given in the VDAT subfield of the "Data set parameter" [DSPM] field for some part of the data set, it must be encoded as meta object 'm_vdat'.</p> <p>B) The areas covered by these meta objects must be mutually exclusive.</p> <p>C) Height contours, going across areas, that have different values of vertical datum, must be divided into several objects at the border of these areas.</p> <p>D) The vertical datum must be constant over large areas. It applies to the attributes ELEVAT, HEIGHT, VERCCL, VERCLR, VERCOP and VERCSA.</p>	<p>Object Encoding</p> <p>Object Class = m_vdat(A)</p> <p>(M) verdat = [12 (Mean lower low water), 31 (Local low water reference level), 32 (Local high water reference level), 33 (Local mean water reference level), 34 (Equivalent height of water (German GIW)), 35 (Highest Shipping Height of Water (German HSW)), 36 (Reference low water level according to Danube Commission), 37 (Highest shipping height of water according to Danube Commission), 38 (Dutch river low water reference level (OLR)), 39 (Russian project water level), 40 (Russian normal backwater level), 41 (Ohio River Datum)]</p> <p>(C) SORDAT = [YYYYMMDD]</p> <p>(C) SORIND = (Refer to Section B, General Guidance)</p>