

C - IENC Meta Information

C.1 Meta Features

C.1.4 Sounding Datum (O)

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

Graphics	Encoding Instructions	Object Encoding
	<p>A) If the sounding datum is different than the value given in the SDAT subfield of the "Data set parameter" [DSPM] field for some part of the data set, it must be encoded as meta object 'm_sdat'.</p> <p>B) The areas covered by these meta objects must be mutually exclusive.</p> <p>C) Depth contours and depth areas going across areas which have different values of vertical datum, must be divided into several objects at the border of these areas.</p> <p>D) The sounding datum must be constant over large areas. It applies to the attributes VALSOU, DRVAL1, DRVAL2 and VALDCO.</p>	<p>Object Encoding</p> <p>Object Class = m_sdat(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>