

11th TSMAD MEETING
10 – 12 November 2004, IHB, Monaco

Proposed Changes to S-57 HYDROGRAPHIC DATA DICTIONARY
SUBMITTED BY AUSTRALIA SEPTEMBER 2004

Work Item 2.1 – Proposal
S-57 FEATURE OBJECT Review

Template updated 10 Oct 03

Country / Organisation / Author: AU/AHO/Roberts

Date of proposal: 27 Sep 04

TSMAD Document Ref: (see note 1) WI2.1Prop#Rev

Date proposal registered

<p>Proposal Form General – Proposals for a new object must use the following criteria:</p> <ol style="list-style-type: none"> 1. It is hydrographic in nature. 2. It must not duplicate an existing object. 3. It is not defined as an attribute of another object. <p>If there is any uncertainty then forward this form to the administrator and it will be considered by the work item group.</p> <p>Change – Change (See Note 2). New – New (See Note 2).</p>	<p>Note 1: There must be only one submission per form, which will be allocated a reference number. This number must be used as the subject matter for all emails concerned with this proposal.</p> <p>Note 2: Change – correction or clarification to an existing object. New - new object</p> <p>Note 3: Comments – comments must be added in the appropriate table below, one for each contributor. Copy and paste a new table as required.</p>
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Related to what type of product (eg. ENC)s: Hydrographic in general, IHO authoritative, ENC PS

OBJECT PROPOSAL										Change: <input type="checkbox"/>		New: <input checked="" type="checkbox"/>	
Object Class Name: Maritime Boundary, limit or zone								Acronym: MARBDY					
Attribute Type A				Attribute Type B				Attribute Type C					
1	AUTHTY	11	PEREND	1	INFORM	11		1	RECDAT				
2	CATMAR	12	PERSTA	2	NINFOM	12		2	RECIND				
3	CATREA	13	RESTRN	3	NTXTDS	13		3	SORDAT				
4	DATEND	14	STATUS	4	PICREP	14		4	SORIND				
5	DATSTA	15	VERDAT	5	SCAMAX	15		5					
6	JRSDTN	16		6	SCAMIN	16		6					
7	LEGISN	17		7	TXTDSC	17		7					
8	NATION	18		8		18		8					
9	NOBJNM	19		9		19		9					
10	OBJNAM	20		10		20		10					
Remarks:													
Distinctions: ADMARE, CONZNE, COSARE, CTNARE, CUSZNE, ESSARE, EXEZNE, FSHZNE, FRPARE, HRBARE, ISTZNE, RESARE etc													
References:													
INT 1:													
M 4:													
Other:													

<p>Definition: A generic term which may be used to describe a wide range of boundaries or limits that usually bound the seaward extent of a marine area(s).</p>
<p>Full citation of definition (mandatory). (You must provide details of the full title, year of publication, edition, author, publisher, ISBN if available). When more than one source is used to draft a definition, specify which is the primary source (P).</p> <p>AHS (made up)</p>
<p>ISO 19135 field: RE_SimilarityToSource value (mandatory):</p> <ol style="list-style-type: none"> Identical - means that literally the definitions are the same word-for-word (or so close as to be effectively indistinguishable). Restyled - might result from language/spelling choices (e.g., color/colour) or particular conventions in a document (e.g., S-32 use of ALLCAPS to mean that the expression is that defined elsewhere in S-32). ContextAdded - might result from the addition of information explicitly to the definition that was only implicit in the source (e.g., the knowledge that in S-32 the term "basin" has a restricted meaning that might not apply in our use in a register where perhaps we need to distinguish a "hydrographic basin" from a "wash basin"). Generalization- means that an instance of data meeting one definition won't meet the other in either direction, but will meet it in one direction (a specialized instance is valid for the generalized definition, but not the reverse). Also refers to definitions composed from more than one source. Specialisation – the definition has been specialised to have a narrower meaning than the concept defined in the source. This may be the case for some hydrographic terms. <p>Generalization</p>
<p>Justification (mandatory): As more and more maritime boundaries and limits are developed, S-57 needs a generic object to encode such features. If a suitable attribute was also approved, such as CATMAR, the S-52 Presentation Library could use this attribute to display the required symbol. Significant time would be saved by encoders by not having to mask out boundaries of areas for various nautical products.</p>
<p>Are other objects, attributes, enumerators or sections of S-57 affected by this proposal, if so, which appendix, annex, clause number, etc YES New attributes proposed AUTHTY, CATMAR, LEGISN, additions to STATUS</p>
<p>Has a separate proposal been made for the related sections of S-57. If so when. (This fact needs to be cross-referenced). YES New attributes proposed AUTHTY, CATMAR, LEGISN, additions to STATUS.</p>
<p>Comments: This suggestion also allows new boundaries to be encoded for ENCs without having to introduce more new objects. Using CATMAR =</p>

Comments	Date:
Name :	Organisation:

Comments	Date:
Name :	Organisation: