

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: 10 Mar 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): Hydrographic in general, IHO authoritative, ENC

OBJECT PROPOSAL										Change: <input type="checkbox"/> New: <input checked="" type="checkbox"/>	
Object Class Name: Archipelagic Sea Lane axis line								Acronym: ASLXLN			
Attribute Type A				Attribute Type B				Attribute Type C			
1	AUTHTY	11		1	INFORM	11		1	RECDAT		
2	LEGISN	12		2	NINFOM	12		2	RECIND		
3	NATION	13		3	NTXTDS	13		3	SORDAT		
4	STATUS	14		4	PICREP	14		4	SORIND		
5		15		5	SCAMAX	15		5			
6		16		6	SCAMIN	16		6			
7		17		7	TXTDSC	17		7			
8		18		8		18		8			
9		19		9		19		9			
10		20		10		20		10			
Remarks:											
Distinctions: DWRTCL, RCRTCL, RECTRC, STSLNE											
References:											
INT 1:											
M 4: B-435.10											
Other: UNCLOS Article 53											

<p>Definition: The reference line used to determine the maximum extends of an Archipelagic Sea Lane. It does not necessarily indicate the deepest water nor any recommended route or track.</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>Chart Specification of the IHO M-4 Monaco, 1988, section B-435.10 (proposed)</p>
<p>ISO 19135 field: RE_SimilarityToSource value (mandatory):</p> <ul style="list-style-type: none"> a. Identical - means that literally the definitions are the same word-for-word (or so close as to be effectively indistinguishable). b. 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). c. 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”). d. 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. e. 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>d. Generalization. Note the definition is unusual in that it also includes what it is NOT. This has been added because of safety to navigation issues.</p>
<p>Justification (mandatory): ASL axis lines are already published on paper charts and there is currently no S-57 object that may be used to encode this important feature. This proposal needs to be adopted to allow the C&SMWG to prepare a suitable symbol for the ECDIS display.</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</p> <p>Proposed new object ACHSLN</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 object ACHSLN. If approved, new sections will be required for the ENC PS and UOC.</p>
<p>Comments: As there are not too many of these within the world, consideration was given to providing an attribute for the possible object Maritime area (MARARE) in the Australian discussion paper on 'Maritime Boundaries and associated areas'. However, to provide clarity to the mariner on ECDIS, it was decided to propose this as a new object so that it can be turned off by selection on the ECDIS by its own object. A clear distinction is RCRTCL.</p>

Comments	Date:
Name :	Organisation:

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Name :	Organisation: