

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

**Proposed Changes to S-57 Object/Attribute Catalogues - Netherlands**

<b>Submitted by:</b>	Ellen Vos
<b>Executive summary:</b>	<p>1. As a result of increased production of those ENC usage bands containing a high degree of detail, there is a requirement to code 'Covered all weather terminals', as a specific type of Harbour Facilities (HRBFAC). This will require a new enumeration for the attribute CATHAF.</p> <p>Netherlands also proposes to include three (already existing) attributes for the HRBFAC-object, to be able to describe a 'Covered all weather terminal' in more detail.</p> <p>2. Review of Feature Object catalogue – Proposal for change - HBRFAC</p>
<b>Actions to be taken:</b>	TSMAD to consider this proposal for inclusion in the next edition of S-57.
<b>Related documents:</b>	S-57
<b>Related Projects:</b>	Work Item 2.1 – Proposal S-57 FEATURE OBJECT ATTRIBUTE Review

## Work Item 2.1 - Proposal S-57 FEATURE OBJECT ATTRIBUTE Review

Updated 14 Sep 2004

Country / Organisation / Author: NL/HO/Beek&Vos

Date of proposal: 14 Sep 2004

TSMAD Document Ref: (see note 1)

Date registered:

<p><b>Proposal Form</b>  <b>General</b> – Proposals for a new object attribute must use the following criteria:</p> <ol style="list-style-type: none"> <li>1. It is hydrographic in nature.</li> <li>2. It must not duplicate an existing attribute.</li> <li>3. It is not defined as an existing object.</li> </ol> <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><b>Change</b> – Change (See Note 2).  <b>New</b> – New (See Note 2).</p>	<p><b>Note 1:</b>  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><b>Note 2:</b>  <b>Change</b> – correction or clarification to an existing attribute.  <b>New</b> - new attribute</p> <p><b>Note 3:</b>  <b>Comments</b> – 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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### Relating to S-57 Object (check Appendix A): HRBFAC

(provide full list of all objects that the attribute is proposed to be used with, especially if a 'new' attribute). Considered to be Hydrographic in general, IHO authoritative.

ATTRIBUTE PROPOSAL						Change: <input type="checkbox"/> New: <input checked="" type="checkbox"/> enumerators		
Attribute Name: Category of harbour facilities			Acronym: CATHAF			References:		
	Expected Input:		Definition:			INT1	M4	Other
14	Covered all weather terminal		A terminal for sheltered mooring under all weather conditions			-	-	-
<p>If new attribute value, you must provide a definition: A terminal for sheltered mooring under all weather conditions.</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>ISO 19135 field: RE_SimilarityToSource value (mandatory):</p> <ol style="list-style-type: none"> <li>a. Identical - means that literally the definitions are the same word-for-word (or so close as to be effectively indistinguishable).</li> <li>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).</li> <li>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").</li> <li>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.</li> <li>e. Specialisation – the definition has been specialised to have a narrower meaning than the</li> </ol>								

concept defined in the source. This may be the case for some hydrographic terms.

ContextAdded

Indication:

Format: (state if mandatory)

Remarks:

Justification (mandatory): The new enumeration gives an indication of the physical structure of the facility, as well as the conditions (all weather) that cargo-handling is possible. These properties can be relevant to the mariner.

Comments

Are other objects, attributes, enumerators or sections of S-57 affected by this proposal, if so, which appendix, annex, clause number, etc. YES, add attribute VERACC, VERCLR and VERDAT to the object HRBFAC.

Also USOC par. 4.6.1. is affected (see HRBFAC proposal dated September 14<sup>th</sup> 2004).

Has a separate proposal been made for the related sections of S-57. If so when. (This fact needs to be cross-referenced). YES, for HRBFAC (also dated September 14<sup>th</sup> 2004).

<b>Comments</b>	<b>Date</b>
<b>Name :</b>	<b>Organisation:</b>

## Work Item 2.1 – Proposal S-57 FEATURE OBJECT Review

Country / Organisation / Author: NL/HO/Beek&Vos

Date of proposal: 14 Sep 04

TSMAD Document Ref: (see note 1)

Date proposal registered

<p><b>Proposal Form</b>  <b>General</b> – Proposals for a new object must use the following criteria:</p> <ol style="list-style-type: none"> <li>4. It is hydrographic in nature.</li> <li>5. It must not duplicate an existing object.</li> <li>6. It is not defined as an attribute of another object.</li> </ol> <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><b>Change</b> – Change (See Note 2).  <b>New</b> – New (See Note 2).</p>	<p><b>Note 1:</b> 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><b>Note 2:</b> <b>Change</b> – correction or clarification to an existing object.  <b>New</b> - new object</p> <p><b>Note 3:</b> <b>Comments</b> – 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**

OBJECT PROPOSAL				Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>					
Object Class Name: Harbour facility				Acronym: HRBFAC					
Attribute Type A		Attribute Type B				Attribute Type C			
1		11	VERACC	1		11		1	
2		12	VERCLR	2		12		2	
3		13	VERDAT	3		13		3	
4		14		4		14		4	
5		15		5		15		5	
6		16		6		16		6	
7		17		7		17		7	
8		18		8		18		8	
9		19		9		19		9	
10		20		10		20		10	
Remarks:									
Distinctions:									
References:									
INT 1:									
M 4:									
Other:									
Definition: A harbour installation with a service or commercial operation of public interest.									
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>ISO 19135 field: RE_SimilarityToSource value (mandatory):</p> <ol style="list-style-type: none"> <li>Identical - means that literally the definitions are the same word-for-word (or so close as to be effectively indistinguishable).</li> <li>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).</li> <li>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").</li> <li>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.</li> <li>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.</li> </ol> <p style="text-align: center;">Identical</p>
<p>Justification (mandatory): It is relevant to know the VERACC, VERCLR and VERDAT (if available) for a covered all weather terminal before mooring.</p>
<p>Comments:</p>
<p>Are other objects, attributes, enumerators or sections of S-57 affected by this proposal, if so, which appendix, annex, clause number, etc. The S-57 feature object attribute CATHAF.</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, 14<sup>th</sup> of September 2004, a proposal for a new enumeration (nr. 14) for the feature object attribute CATHAF.</p>

<b>Comments</b>	<b>Date:</b>
<b>Name :</b>	<b>Organisation:</b>
<p>USOC par. 4.6.1.</p> <ul style="list-style-type: none"> <li>If the all weather terminal is navigable at compilation scale it must be encoded as <b>DEPARE</b> or <b>DRGARE</b> (see clause 5.4.8).</li> <li>If the all weather terminal is not navigable at compilation scale it must be encoded as a <b>DOCARE</b> with a <b>LNDARE</b> or <b>UNSARE</b> underneath.</li> </ul>	