

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

Proposed Changes to S-57 Object/Attribute Catalogues

Submitted by:	Barrie Greenslade
Executive summary:	At the recent DGIWG/TSMAD hydrographic information harmonization working group meeting (September 2004 - Canada), a review of the S-57 and DIGEST Object/FACC catalogues was undertaken. This has resulted in a number of recommendations for additions/changes to S-57 features/attributes.
Actions to be taken:	TSMAD to consider this proposal for inclusion in the next edition of S-57.
Related documents:	S-57
Related Projects:	Work Item 2.1 – Proposal S-57 FEATURE OBJECT ATTRIBUTE Review

This proposal comprises the following documents;

CATLND -

Work Item 2.1 - Proposal

S-57 FEATURE OBJECT ATTRIBUTE Review

Country / Organisation: HIHWG
TSMAD Document Ref: (see note 1)

<p>Proposal Form General – Proposals for a new object attribute 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 attribute. 3. It is not defined as an existing 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL		Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>			
Attribute Name: Category of land region		Acronym: CATLND	References:		
	Expected Input:	Definition:	INT1	M4	Other
1	add new enumerate "Island"	A land mass, other than a continent, surrounded by water.			
2					
Indication: definition should read "A land mass, other than a continent, surrounded by water."					
Format: (state if mandatory)					
Remarks:					
Justification: To facilitate harmonisation with other related standards					

Comments	
Name :	Organisation:

Work Item 2.1 – Proposal S-57 FEATURE OBJECT Review

Country / Organisation: HIHWG
TSMAD Document Ref: (see note 1)

<p>Proposal Form General – Proposals for a new object must use the following criteria:</p> <ol style="list-style-type: none"> 4. It is hydrographic in nature. 5. It must not duplicate an existing object. 6. 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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OBJECT PROPOSAL										Change: <input type="checkbox"/>		New: <input checked="" type="checkbox"/>	
Object Class Name: High Water Line						Acronym: HIWLNE							
Attribute Type A				Attribute Type B				Attribute Type C					
1	CATCOA	11		1	INFORM	11		1	RECDAT				
2	COLOUR	12		2	NINFOM	12		2	RECIND				
3	CONRAD	13		3	NTXTDS	13		3	SORDAT				
4	CONVIS	14		4	PICREP	14		4	SORIND				
5	ELEVAT	15		5	SCAMAX	15		5					
6	OBJNAM	16		6	SCAMIN	16		6					
7	NOBJNM	17		7	TXTDSC	17		7					
8	VERACC	18		8		18		8					
9	VERDAT	19		9		19		9					
10		20		10		20		10					
<p>Remarks:</p> <p>One of two proposed new object classes to replace coastline which is poorly defined. Consider supersession of COALNE with these.</p>													
References:													
INT 1:													
M 4:													
Other:													
<p>Definition:</p> <p>The line dividing the backshore and foreshore along a coast or beach as defined by the National Authority.</p>													
<p>Justification:</p> <p>Harmonisation with other relevant standards</p>													

Work Item 2.1 – Proposal S-57 FEATURE OBJECT Review

Country / Organisation: HIHWG
TSMAD Document Ref: (see note 1)

<p>Proposal Form General – Proposals for a new object must use the following criteria:</p> <ol style="list-style-type: none"> 7. It is hydrographic in nature. 8. It must not duplicate an existing object. 9. 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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OBJECT PROPOSAL										Change: <input type="checkbox"/>		New: <input checked="" type="checkbox"/>	
Object Class Name: Low Water Line						Acronym: LOWLNE							
Attribute Type A				Attribute Type B				Attribute Type C					
1	CATCOA	11		1	INFORM	11		1	RECDAT				
2	COLOUR	12		2	NINFOM	12		2	RECIND				
3	CONRAD	13		3	NTXTDS	13		3	SORDAT				
4	CONVIS	14		4	PICREP	14		4	SORIND				
5	ELEVAT	15		5	SCAMAX	15		5					
6	OBJNAM	16		6	SCAMIN	16		6					
7	NOBJNM	17		7	TXTDSC	17		7					
8	VERACC	18		8		18		8					
9	VERDAT	19		9		19		9					
10		20		10		20		10					
<p>Remarks:</p> <p>One of two proposed new object classes to replace coastline which is poorly defined. Consider supersession of COALNE with these.</p>													
References:													
INT 1:													
M 4:													
Other:													
<p>Definition:</p> <p>The line dividing foreshore and nearshore along a coast at the seaward edge of the beach to which the sea recedes at low water.</p>													
<p>Justification:</p> <p>Harmonisation with other relevant standards</p>													

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

Country / Organisation: UKHO

TSMAD Document Ref: (see note 1) WI2.1Prop_CATBRG_Aqueduct

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria:</p> <ol style="list-style-type: none"> 10. It is hydrographic in nature. 11. It must not duplicate an existing attribute. 12. It is not defined as an existing 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of bridge		Acronym: CATBRG		References:			
	Expected Input:	Definition:	INT1	M4	Other		
1	11 : aqueduct	A pipe or artificial channel often supported by a bridge designed to transport water. (revised)					
Indication:							
Format: (state if mandatory)							
Remarks:							
Justification: Change to harmonizing the SOED, FACC and s-57 definitions.							

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) W12.1Prop_CATDAM_Weir

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 13. It is hydrographic in nature. 14. It must not duplicate an existing attribute. 15. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of dam		Acronym: CATDAM		References:			
	Expected Input:	Definition:	INT1	M4	Other		
1	1 : weir	a dam erected across a river to raise the level of the water. The word is now restricted to smaller works, the larger are called dams. (IHO Dictionary, S-32, 5th Edition, 5967) <i>(revised)</i>					
Indication:							
Format: (state if mandatory)							
Remarks:							
Justification: In the attribute class CATDAM weir has two definitions. Recommend you remove the second part that is associated with fishing weir because it is contained within the attribution of CATFIF and has no association to CATDAM.							

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) W12.1Prop_CATMOR

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 16. It is hydrographic in nature. 17. It must not duplicate an existing attribute. 18. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL		Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of mooring/warping facility		Acronym: CATMOR	References:
1	Expected Input: 5 : post or pile	Definition: A long heavy timber or section of steel, wood, concrete etc. forced into the bed of a waterbody to serve as a mooring facility. (revised)	INT1 M4 Other
2			
Indication:			
Format: (state if mandatory)			
Remarks:			
Justification: Recommend you amend the S-57 appen a chap2 defn so that it would cover fresh water lakes accessible to internaional shipping. Recommend you then harmonnize with s-32.			

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

Comments

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

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) WI2.1Prop_CATSEA

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 19. It is hydrographic in nature. 20. It must not duplicate an existing attribute. 21. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of sea area		Acronym: CATSEA		References:			
1	Expected Input: 10 : ledge	Definition: A shelf-like projection, on the side of a rock or seamount. (revised)		INT1	M4	Other	
2							
Indication:							
Format: (state if mandatory)							
Remarks:							
Justification: Recommend the S-57 and s-32 be harmonized. See proposed definition.							

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

Comments	
Name :	Organisation:

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

Country / Organisation: UKHO

TSMAD Document Ref: (see note 1) WI2.1Prop_CATSEA_Cay

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 22. It is hydrographic in nature. 23. It must not duplicate an existing attribute. 24. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL		Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>			
Attribute Name: Category of land region		Acronym: CATLND	References:		
	Expected Input:	Definition:	INT1	M4	Other
1	20 : cay	A small insular feature, which may contain scant vegetation; usually composed of sand or coral. Often applied to smaller coral shoals. <i>(revised)</i>			
2					
Indication:					
Format: (state if mandatory)					
Remarks:					
Justification: Recommend harmonize s-32 with s-57 appen A chap 2.					

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO

TSMAD Document Ref: (see note 1) WI2.1Prop_CATSEA_Reef

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 25. It is hydrographic in nature. 26. It must not duplicate an existing attribute. 27. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL		Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>			
Attribute Name: Category of sea area		Acronym: CATSEA	References:		
	Expected Input:	Definition:	INT1	M4	Other
1	9 : reef	A mass of rock or coral which either reaches close to the sea surface or is exposed at low tide, posing a hazard to NAVIGATION. (revised)			
2					
Indication:					
Format: (state if mandatory)					
Remarks:					
Justification: Recommend harmonize s-32 with s-57 appen A chap 2.					

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) WI2.1Prop1Rev1.0

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 28. It is hydrographic in nature. 29. It must not duplicate an existing attribute. 30. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of shoreline construction		Acronym: CATSLC		References:			
	Expected Input:	Definition:	INT1	M4	Other		
1	1 : breakwater	'A structure that protects a waterbody region (for example: a shore, a harbour, an anchorage, and/or a waterbody shelter basin) from water waves by preventing them from reaching the protected region or reducing their magnitude.					
Indication:							
Format: (state if mandatory)							

Comments	
Name : B Greenslade	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

Work Item 2.1 - Proposal

S-57 FEATURE OBJECT ATTRIBUTE Review

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) WI2.1Prop1Rev1.0

<p>Proposal Form</p> <p>General – Proposals for a new object attribute must use the following criteria:</p> <ol style="list-style-type: none"> 31. It is hydrographic in nature. 32. It must not duplicate an existing attribute. 33. It is not defined as an existing 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL		Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>			
Attribute Name: Category of shoreline construction		Acronym: CATSLC		References:	
	Expected Input:	Definition:	INT1	M4	Other
1	3 : marine mole	A form of breakwater alongside which vessels may lie on the sheltered side only; in some cases it may lie entirely within an artificial harbour, permitting vessels to lie along both sides.			
2					
Indication:					
Format: (state if mandatory)					
Remarks: Revised name and definition.					
Justification: Revised name is hydrographic specific. Definition from IHO chart specifications M-4 which has been adopted in appendix a Chapt 2 of S-57 3.1.					

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO

TSMAD Document Ref: (see note 1) W12.1Prop_CATS LC_Ramp

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 34. It is hydrographic in nature. 35. It must not duplicate an existing attribute. 36. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of shoreline construction		Acronym: CATSLC		References:			
	Expected Input:	Definition:		INT1	M4	Other	
1	12 : marine ramp						
2							
Indication:							
Format: (state if mandatory)							
Remarks:							
Justification: Recommend add extra contextual information to assist in deiferentiating form other ramps in the world.							

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation: UKHO
TSMAD Document Ref: (see note 1) W12.1Prop_CATSLC_Various

<p>Proposal Form General – Proposals for a new object attribute must use the following criteria: 37. It is hydrographic in nature. 38. It must not duplicate an existing attribute. 39. It is not defined as an existing object. 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 attribute. New - new attribute</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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ATTRIBUTE PROPOSAL						Change: <input checked="" type="checkbox"/>	New: <input type="checkbox"/>
Attribute Name: Category of shoreline construction		Acronym: CATSLC		References:			
	Expected Input:	Definition:		INT1	M4	Other	
1	4 : pier (jetty)						
2	6 : wharf (quay)						
3	Indication:						
Format: (state if mandatory)							
Remarks:							
Justification: Recommend to IHO to harmonize SLCONS CATSLC attribute definitions with UKHO NP-100. Specifically Pier, Wharf, Quay, and Jetty.							
Recommend keep open faced and solid face wharf definitions from s-57 appen A chap 2							

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

Work Item 2.1 – Proposal S-57 FEATURE OBJECT Review

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <ul style="list-style-type: none"> 40. It is hydrographic in nature. 41. It must not duplicate an existing object. 42. 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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/>		New: <input type="checkbox"/>	
Object Class Name: Gate (Revise name to: Marine Gate)						Acronym: GATCON (MARGAT)							
Attribute Type A				Attribute Type B				Attribute Type C					
1		11		1		11		1					
2		12		2		12		2					
3		13		3		13		3					
4		14		4		14		4					
Remarks:													
References:													
INT 1:													
M 4:													
Other:													
Definition:													
Justification: recommend add the extra contextual information to change gate to marine gate. Recommend that the attribute name sluice change to Sluice Gate													

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

Work Item 2.1 – Proposal S-57 FEATURE OBJECT Review

Country / Organisation: TSMAD11/9-2_UKHO_N
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <ul style="list-style-type: none"> 43. It is hydrographic in nature. 44. It must not duplicate an existing object. 45. 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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>					
Object Class Name: Hulk					Acronym: HULKES										
Attribute Type A			Attribute Type B						Attribute Type C						
1		11		1		11		1		1		1		1	
2		12		2		12		2		2		2		2	
3		13		3		13		3		3		3		3	
4		14		4		14		4		4		4		4	
Remarks:															
References:															
INT 1:															
M 4:															
Other:															
Definition:															
A permanently moored vessel no longer seaworthy. (Revised Definition)															
Justification:															
definitions from various sources synthesized by HIHWG.															

Comments	
Name : B Greenslade on behalf of HIHWG	Organisation: Hydrographic Information Harmonization Working Group
Proposal is part of an exercise to promote the adoption of S-57 Features and Attributes by DGIWG for use in DNC and other related Hydrographic Product Specifications based on DIGEST.	

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

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form General – Proposals for a new object must use the following criteria: 46. It is hydrographic in nature. 47. It must not duplicate an existing object. 48. It is not defined as an attribute of another object. If there is any uncertainty then forward this form to the administrator and it will be considered by the work item group. 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. Note 2: Change – correction or clarification to an existing object. New - new object 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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/>		New: <input type="checkbox"/>	
Object Class Name: Offshore platform						Acronym: OFSPLF							
Attribute Type A				Attribute Type B				Attribute Type C					
1		11		1		11		1					
2		12		2		12		2					
3		13		3		13		3					
4		14		4		14		4					
5		15		5		15		5					
6		16		6		16		6					
Remarks:													
References:													
INT 1:													
M 4:													
Other:													
Definition:													
A fixed or floating offshore structure with a flat surface raised above the sea, as a working stage for conducting offshore operations. (Revised Definition)													
Justification:													
Recommend the following changes in s-57 feature catalogue and S-32. Remove the oil and natural gas concept form the basic definition, because it is specified within the attribution CATOFP.													

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

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <p>49. It is hydrographic in nature. 50. It must not duplicate an existing object. 51. It is not defined as an attribute of another object.</p> <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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OBJECT PROPOSAL									Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>		
Object Class Name: Offshore production area						Acronym: OSPARE					
Attribute Type A				Attribute Type B				Attribute Type C			
1				1				1			
2				2				2			
3				3				3			
Remarks:											
References:											
INT 1:											
M 4:											
Other:											
Definition:											
See justification below.											
Justification:											
Issue is that this feature states that it is at sea. The majority of attribute enumerants are land based.											
Option1: Change definition to "An area within which there are production facilities" and change the name from "offshore".											
Option2: Change all the not applicable enumerants.											
Option3: Retire this feature.											

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

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <ul style="list-style-type: none"> 52. It is hydrographic in nature. 53. It must not duplicate an existing object. 54. 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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/>		New: <input type="checkbox"/>	
Object Class Name: Tideway						Acronym: TIDEWY							
Attribute Type A				Attribute Type B				Attribute Type C					
1				1				1					
2				2				2					
3				3				3					
Remarks:													
References:													
INT 1:													
M 4:													
Other:													
Definition:													
A natural water course in tidal areas where water flows during the ebb or flood. A channel through which a tidal current runs. (Revised Definition)													
Justification:													
Recommend removing intertidal and change to tidal. Many tideways are the deepest channel in a tidal river where the deepest channel is never dry (intertidal).													

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

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <ul style="list-style-type: none"> 55. It is hydrographic in nature. 56. It must not duplicate an existing object. 57. 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.</p> <p>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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>				
Object Class Name: Underwater/awash rock					Acronym: UWTROC									
Attribute Type A				Attribute Type B				Attribute Type C						
1				1				1						
2				2				2						
3				3				3						
Remarks:														
References:														
INT 1:														
M 4:														
Other:														
Definition:														
An isolated rocky formation, a single large stone or coral which dries, is awash or is below the water surface. (Revised Definition)														
Justification:														
composite definition from S-32 and DFDD, change name to "marine rock" all three options are present in the definition, drying, awash and underwater.														

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

Country / Organisation:
TSMAD Document Ref: (see note 1)

<p>Proposal Form</p> <p>General – Proposals for a new object must use the following criteria:</p> <ul style="list-style-type: none"> 58. It is hydrographic in nature. 59. It must not duplicate an existing object. 60. 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.</p> <p>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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OBJECT PROPOSAL										Change: <input checked="" type="checkbox"/> New: <input type="checkbox"/>	
Object Class Name: Waterfall						Acronym: WATFAL					
Attribute Type A				Attribute Type B				Attribute Type C			
1				1				1			
2				2				2			
3				3				3			
4				4				4			
Remarks:											
References:											
INT 1:											
M 4:											
Other:											
Definition:											
A vertically descending part of a watercourse where it falls from a height over a rock, precipice, etc... (Revised Definition)											
Justification:											
Recommend definitions are harmonized with the SOED (one amendment) this is a general term and it is the best definition.											

Comments	
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