1	Encoding Guide Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)				
		cture, illustration or an already existin fects the Feature Catalogue	ng text)		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB		
	This is a request ☐ referring to lit. C of scetion B ☐ for a new lit.	This is a request referring to page(s) (e.g.: C.1.5) of the Encoding Guide	This is a request referring to section		
	(Continue with 4)	(Continue with 3) for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	(Continue with 4)		
3	□ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. □ Object coding of object class □ Illustration				
4	Proposed text: Add the following text to the description of SCAMIN in the General Guidance: "The value of SCAMIN has to be set to a scale value smaller than or equal to the compilation scale of the data for the area."				
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:				
6	Explanation, why this amendment/change is needed: Clarification and alignment with S-57 and S-58, rule 1553.				
7	Proposed applicability: mark all applicable boxes □ US □ Europe (without Russia) □ Russia □ South America □ (description of an other area of applicability)				
8	Name of sender: Bernd Birklhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birklhuber@bmvit.gv.at Date (YYYYMMDD): 20100618, adopted 20100929				

1	Encoding Guide			
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements)	cture, illustration or an already existi	na text)	
		fects the Feature Catalogue		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request ☑ referring to lit. J of Section B ☐ for a new lit.	This is a request referring to page(s) (e.g.: C.1.5) of the Encoding Guide	This is a request referring to section	
	(Continue with 4)	(Continue with 3) for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	(Continue with 4)	
3	Definition Picture: real world paper chart IENC Coding instruction lit. Object coding of object class Illustration			
4	Proposed text: Add the following text to J. DATSTA, DATEND, PERSTA and PEREND: "These attributes may not be used for Group I feature classes." Delete these attributes in the FC for all Group I feature classes.			
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:			
6	Explanation, why this amendment/change is needed: Group I features are forming "the skin of the earth". If such a feature would have a starting date, an end date or a periodic appearance, there would be temporary holes in the skin of the earth.			
7	Proposed applicability: mark all applicable boxes ☐ US ☐ Europe (without Russia) ☐ Russia ☐ South America			
0	(description of an othe			
8	Name of sender: Bernd Birklhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birklhuber@bmvit.gv.at Date (YYYYMMDD): 20100429, adopted 20100929			

1	Encoding Guide			
	Request for			
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements)	attributes and attribute values, but rec	dires no alteration of existing	
	a change (e.g. replacing a pi	cture, illustration or an already existin	g text)	
		fects the Feature Catalogue		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	C.1.3 (e.g.: C.1.5) of the Encoding Guide		
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)	
	(Community	section (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue		
		with 6 on this page)		
3	Definition	□ papar abort □ IENC		
	☐ Picture: ☐ real world ☐ paper chart ☐ IENC ☐ Coding instruction lit. B)			
	Object coding of object of	place		
	Illustration	DIASS		
4	Proposed text:			
-	B) m_nsys areas may not ove	erlap.		
	Renumber existing lit. B - F to			
5	Proposed picture/illustration:			
	Attach the file to the form, please.			
	Name of file:			
6	Explanation, why this amend	ment/change is needed:		
	Clarification and alignment w	ith S-57 and S-58, rule 1727.		
7	Proposed applicability: mark all applicable boxes			
	US			
	Europe (without Russia) Russia			
	South America			
	(description of an other	r area of applicability)		
8	Name of sender: Bernd Birklh	• • • • • • • • • • • • • • • • • • • •		
٥		y: on behalf of task force Qual	itv Standards	
	e-mail address: bernd.birklhu		, Claridardo	
		18, adopted with editorial ame	ndments 20100929	

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)	attributes and attribute values, but rec	pures no alteration or existing
	a change (e.g. replacing a pi	cture, illustration or an already existin	g text)
		fects the Feature Catalogue	
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	D.1.1 (e.g.: C.1.5) of the Encoding Guide	
		(Continue with 3)	(Continue with 4)
	(Continue with 4)	for a new page in	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding	
		Guide (Add the proposal on	
		page 2 and continue	
		with 6 on this page)	
3	 □ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. B 		
	Object coding of object class		
	Illustration	3,400	
4	Proposed text:		
	Add the following Coding instruction: "B) A CANALS object may not share the same geospatial position and geometry as a SEAARE object."		
5	Proposed picture/illustration:		
	Attach the file to the form, please.		
	Name of file:		
6	Explanation, why this amendment/change is needed: Clarification and alignment with S-57 and S-58, rule 1609.		
7	Proposed applicability: mark all applicable boxes		
	⊠ US		
	Europe (without Russia)		
	Russia South America		
	(description of an other	r area of applicability)	
8	Name of sender: Bernd Birkli	• • • • • • • • • • • • • • • • • • • •	
		y: on behalf of task force Qual	ity Standards
	e-mail address: bernd.birklhu	ber@bmvit.gv.at	•
	Date (YYYYMMDD): 201006	18, adopted 20100929	

1	Encoding Guide			
	Request for			
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements)		_	
		cture, illustration or an already existir fects the Feature Catalogue	ng text)	
2	Sections A and B	Sections C to U	Section V to Z and Annexes	
			AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit. for a new lit.	referring to page(s) E; F; G; I.3.1; I.3.2.;	section	
	lor a new iii.	I.3.3; I.3.4; K; N.1; O.2;		
	(Continue with 4)	O.3.; R.2; S (e.g.: C.1.5) of	(Continue with 4)	
		the Encoding Guide		
		(Continue with 3)		
		for a new page in section G.3. (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	war e en ane page)		
	Picture: real world paper chart IENC			
	Coding instruction lit.			
	Object coding of object class E.1 till E.3; F.1; G.1 to G.4; I.3.1till I.3.4; K1; K.2; O.2.1; O.2.2 and S.1.			
	Illustration			
4	Proposed text:			
		N to the Feature Catalogue for		
	F.1; G.1 to G.4; I.3.1till I.3.4; K1; K.2; N1; O.2.; O.3.; R.2. and S. 1 under construction; 2 ruined; 3 under reclamation; 4 wingless; 5 planned construction			
	Add an Encoding Instruction: x) If the object is under construction, ruined, under			
		a planned construction the att	ribute CONDTN has to be	
	used with the appropriate value.			
5	Droposed pieture/illustrations			
S	Proposed picture/illustration: Attach the file to the form, ple	ease.		
	Name of file:			
6	Explanation, why this amend	ment/change is needed:		
	Alignment with S57. A lot of objects might be 'und	er construction' while producin	na the IFNC	
7	Proposed applicability: mark		ig the ILITO.	
	⊠ us	• •		
	Europe (without Russia)			
	Russia South America			
		er area of applicability)		
	1 4 2 2 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	. a. oa oi appiioabiiity		

8 Name of sender: Jasmine Dumollin

Name of authority or company: Flemish Hydrography, proposal amended by IEHG

e-mail address: jasmine.dumollin@mow.vlaanderen.be Date (YYYYMMDD): 20100917, amended 2010929

1	Encoding Guide Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing elements) a change (e.g. replacing a picture, illustration or an already existing text)			
	the proposed change af	fects the Feature Catalogue		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	E.2.1 (e.g.: C.1.5) of the Encoding Guide		
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)	
		section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)		
3	□ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. D □ Object coding of object class □ Illustration			
4	Proposed text: D) If an airfield consists of several component objects (AIRARE), C_ASSO could be used to associate them.			
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:			
6	Explanation, why this amendment/change is needed: The IEHG meeting came to the conclusion that an Alignment with S-57 and S-58 (rule 1625) is not necessary, because airfields are not important for inland navigation. "Has to" has therefore been replaced with "could" in the new Encoding Instruction. The recommended validation checks for Inland ENCs should be adapted.			
7	Proposed applicability: mark all applicable boxes ☐ US ☐ Europe (without Russia) ☐ Russia ☐ South America ☐ (description of an other area of applicability)			
8	Name of sender: Bernd Birklh			
	Name of authority or company: on behalf of task force Quality Standards, amended by IEHG meeting			

e-mail address: bernd.birklhuber@bmvit.gv.at Date (YYYYMMDD): 20100429, amended 20100929

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)	cture, illustration or an already existir	na text)
		fects the Feature Catalogue	ig text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit.	This is a request referring to page(s)	This is a request referring to section
		G.1.1 to G.1.6, G.1.11,	Section
	for a new lit.	G.4.3, G.4.4, M.1.1 to M.1.4, M.2.1, M.3.1, M.4.1,	(Continue with 4)
	(Continue with 4)	M.4.3 to M.4.5, O.3.1, R.2.1, R.2.2 (e.g.: C.1.5) of the Encoding Guide (Continue with 3) for a new page in section (e.g.: E.1) of the Encoding Guide	(Continue with 4)
		(Add the proposal on page 2 and continue	
3	Definition	with 6 on this page)	
	☐ Picture: ☐ real world ☐ paper chart ☐ IENC ☐ Coding instruction lit. G.1.1 l), G.1.2 H), G.1.3 H), G.1.4 H), G.1.5 H), G.1.6 J), G.1.11 H), G.4.3 D), G.4.4 E), M.1.1 D), M.1.2 C), M.1.3 E), M.1.4 C), M.2.1 C), M.3.1 D), M.4.1 H), M.4.3 C), M.4.4 C), M.4.5 B), O.3.1 N), R.2.1 E), R.2.2 E)		
	Object coding of object of	class	
4	Illustration Proposed text:		
4	Add the following text to the I G.1.5 H), G.1.6 J), G.1.11 H) M.2.1 C), M.3.1 D), M.4.1 H) "All the pointers in the collect	Encoding Instructions G.1.1 I), , G.4.3 D), G.4.4 E), M.1.1 D), , M.4.3 C), M.4.4 C), M.4.5 B), ion object must reference obje	M.1.2 C), M.1.3 E), M1.4. C), O.3.1 N), R.2.1 E), R.2.2 E):
5	Proposed picture/illustration:		
	Attach the file to the form, ple Name of file:	ease.	
6	Explanation, why this amend		
7	Clarification and alignment w Proposed applicability: mark	ith S-57 and S-58, rule 1777.	
,			

(description of an other area of applicability)

8 Name of sender: Bernd Birklhuber

Name of authority or company: on behalf of task force Quality Standards

e-mail address: bernd.birklhuber@bmvit.gv.at

Date (YYYYMMDD): 18/06/2010, not adopted because a collection object of e.g. a lock should point to all objects of this lock, even if they are in different cells. Application builders are requested to check whether such a collection object would create problems for the applications. If there is a technical problem the CR should be resubmitted with an explanation. If the software is able to handle such collection objects, Rule 1777 has to be deleted from the Recommended Validation Checks for Inland ENCs.

1	by already existing object classes, a elements) a change (e.g. replacing a pi	icture, new coding instruction or new attributes and attribute values, but rec	quires no alteration of existing
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit. for a new lit. (Continue with 4)	This is a request ☐ referring to page(s) ☐ G.1.1, G.1.2, G.1.3, ☐ G.1.4, G.1.5, G.1.6, G.4.3, ☐ G.4.3, (e.g.: C.1.5) of the Encoding Guide	This is a request referring to section (Continue with 4)
		(Continue with 3) for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	
3	□ Definition □ Picture: □ real world □ Coding instruction lit. □ Object coding of object of lilustration	☐ paper chart ☐ IENC	
4	Proposed text: C_AGGR: add (C) unlocd = [ISRS code]. Because of the entry into force of S-100 C_AGGR can be combined with a small case attribute without the need to change C_AGGR to c_aggr.		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Various waterway authorities in Europe are or would like to be be able to produce Notices to Skippers regarding an entire bridge or lock versus just one bridge span or one lock chamber. To avoid having to send the message for each individual span or chamber it would be helpful to have an ISRS code that addresses the entire bridge or lock.		
7	Proposed applicability: mark all applicable boxes US Europe (without Russia) Russia South America (description of an other area of applicability)		

Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat

e-mail address: p.kluytenaar@serendipity.nl

Date (YYYYMMDD): 20100726, adopted 20100929

1	Encoding Guide Request for image: an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)	attributes and attribute values, but rec	quires no alteration of existing
		cture, illustration or an already existing	ng text)
2	Sections A and B	fects the Feature Catalogue Sections C to U	Section V to Z and Annexes
2	Sections A and B	Sections C to 0	AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	G.1.1 - G.1.6, G.1.8, G.1.9, G.1.11 (e.g.: C.1.5) of	
	(Continue with 4)	the Encoding Guide (Continue with 3) for a new page in	(Continue with 4)
		section (e.g.: E.1) of the Encoding	
		Guide	
		(Add the proposal on	
		page 2 and continue with 6 on this page)	
3	Definition	with o on this page)	
	☐ Picture: ☐ real world	paper chart IENC	
	Coding instruction lit.		
	Illustration	class bridge (A), cblohd(L), pip	ohd(L)
4	Proposed text:	ne attribute verdat 31 - 35 to th	o old values of IES 1.02
	•	n the values/meaning betweer	
5	Proposed picture/illustration:		
	Attach the file to the form, please. Name of file:		
	Name of file:		
6	Explanation, why this amend		-t
		verdat, concerning German wa ve changed between IES 1.02	
		d produces wrong information	
7	Proposed applicability: mark all applicable boxes US		
	☐ 03 Europe (without Russia)		
	Russia		
	South America		
	(description of an othe	* * * * * * * * * * * * * * * * * * * *	
8	Name of sender: Ludwig Stei Name of authority or compan	inhuber iy: on behalf of the German W	aterways and Shipping
	Administration	•	
	e-mail address: Ludwig.Stein		
	Date (YYYYMMDD): 201008	12, not adopted	

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded		
	by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements) a change (e.g. replacing a picture, illustration or an already existing text)		
		fects the Feature Catalogue	ig text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s) G.1.7 (e.g.: C.1.5) of	section
	for a new lit.	the Encoding Guide	
		(Continue with 3)	(0 (: ::// 1)
	(Continue with 4)	☐ for a new page in	(Continue with 4)
	, ,	section (e.g.:	
		E.1) of the Encoding	
		Guide	
		(Add the proposal on	
		page 2 and continue	
		with 6 on this page)	
3	Definition		
	Picture: real world paper chart IENC		
	Coding instruction lit. B		
	Object coding of object of Illustration	Class TUNNEL	
4	Proposed text:		
-		RACC" in Encoding instruction	n B) and C)
	Change HORCLR and VERC		,
5	Proposed picture/illustration:	200	
	Attach the file to the form, ple	ase.	
	Name of file:		
6	Evolonation, why this are and	mont/ohongo io nocaled:	
6	Explanation, why this amendment/change is needed: The attributes HORACC and VERACC are not used in Inland ENCs and are not included		
		e do not encode the accuracy	
	there is no reason to require		To rook baomo or bridgeo,
	•	RCLR and VERCLR has to be	changed from manadatory to
	conditional, because they are	only encoded, if there is a na	vigable waterway within the
	tunnel (see Encoding Instruct		
7	Proposed applicability: mark	all applicable boxes	
	US		
	Europe (without Russia) Russia		
	South America		
	(description of an other	r area of applicability)	
8	Name of sender: Bernd Birklh		
0		nuber y: on behalf of the task force (Quality Standards
	e-mail address: bernd.birklhu		zaanty Standards
		29, adopted with editorial ame	ndment 20100929

1	Encoding Guide Request for			
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements) a change (e.g. replacing a pi	cture, illustration or an already existir	na text)	
		fects the Feature Catalogue	,	
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	G.1.8 (e.g.: C.1.5) of the Encoding Guide		
		(Continue with 3)	(Continue with 4)	
	(Continue with 4)	for a new page in	(Continue with 4)	
		section (e.g.:		
		E.1) of the Encoding Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	with o on this page)		
	Picture: real world	paper chart IENC		
	Coding instruction lit.			
	Object coding of object of Illustration	class cblohd		
4	Proposed text:			
	Object Class = cblohd(L) add (C) unlocd = [ISRS code]	1		
		I		
-	Droposed picture/illustration:			
5	Proposed picture/illustration: Attach the file to the form, ple	ease.		
	Name of file:			
6	Explanation, why this amendment/change is needed: Various waterway authorities in Europe are producing or would like to be able to			
	produce Notices to Skippers	regarding overhead cables. In	cluding the ISRS code in the	
7	IENC allows the applications to show the Notice on the appropriatNe location.			
7	Proposed applicability: mark all applicable boxes US			
	Europe (without Russia)			
	Russia South America			
	(description of an other	r area of applicability)		
8	Name of sender: Peter Kluyte			
	1	y: Serendipity UnLtd on behal	f of Rijkswaterstaat	
	DVS			
	e-mail address: p.kluytenaar	@serendipity.nl		
	Date (YYYYMMDD): 201007:	29, adopted 20100929		

1	Encoding Guide			
	Request for			
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, a elements)	attributes and attribute values, but red	quires no alteration of existing	
	l ——	cture, illustration or an already existir	ng text)	
		fects the Feature Catalogue	,	
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	G.1.9 (e.g.: C.1.5) of the Encoding Guide		
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)	
		section (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	with 6 on the page)		
	Picture: Teal world	paper chart IENC		
	Coding instruction lit.			
		class pipohd		
	□ Illustration			
4	Proposed text:			
	Object Class = pipohd(L) add (C) unlocd = [ISRS code	1		
		J		
5	Proposed picture/illustration:			
	Attach the file to the form, ple	ease.		
	Name of file:			
6	Explanation, why this amendment/change is needed:			
	Various waterway authorities in Europe are producing or would like to be able to produce Notices to Skippers regarding overhead pipes. Including the ISRS code in the			
		to show the Notice on the app		
7	Proposed applicability: mark all applicable boxes			
	US			
	Europe (without Russia)			
	South America			
	(description of an othe	r area of applicability)		
8	` '	**		
O	Name of sender: Peter Kluyton Name of authority or compar	enaar ny: Serendipity UnLtd on behal	f of Riikswaterstaat	
	DVS	.,. Jordinalphy Official off boffar	. J. rajnomatorotaat	
	e-mail address: p.kluytenaar	• •		
	Date (YYYYMMDD): 201007	29, adopted 20100929		

1	Encoding Guide		
	Request for	icture, new coding instruction or new	real world entity, which is encoded
	by already existing object classes, a	attributes and attribute values, but red	
	elements)	atura illustration or an already eviatir	ng tout)
		cture, illustration or an already existir fects the Feature Catalogue	ig text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes
			AA and AB
	This is a request	This is a request	This is a request referring to
	· ·	referring to page(s)	This is a request referring to section
	referring to lit.	G.1.9, G.3.3, G.3.4,	Section
	for a new lit.	G.3.8, G.3.12, G.3.13,	
	(Continue with 4)	G.3.14, J.1.1, N.1.3, N.1.4, N.1.5 (e.g.: C.1.5) of	(Continue with 4)
	(Continue with 4)	the Encoding Guide	
		(Continue with 3)	
		for a new page in	
		section (e.g.:	
		E.1) of the Encoding Guide	
		(Add the proposal on	
		page 2 and continue	
	D.C.C.	with 6 on this page)	
3	☐ Definition☐ Picture: ☐ real world	paper chart IENC	
	Coding instruction lit.	paper onart	
	1 = -	class pipohd, CONVYR, convy	r. CRANES, cranes.
	1 , ,	S, UWTROC, uwtroc, LIGHTS	
	Illustration		
4	Proposed text: G.1.9 Overhead Pipe (C)		
	G.3.3 Conveyor (O)		
	G.3.4 Crane (O)		
	G.3.8 Fender (O)		
	G.3.12 Mooring Facility (O) G.1.13 Federal Mooring Faci	lity (O)	
	G.1.14 Permanently Moored	• . ,	
	J.1.1 Rocks (C)		
	replace EU SCAMIN entry by	EU:22000	
	N.1.3 Leading Light (O)		
	N.1.4 Directional Light (O)		
	N.1.5 Sector Light (O)	Not Class - NAVI NE and O	higgs Class - BCTI NE
		Object Class = NAVLNE and O) SCAMIN [EU:22000; US: 600	-
	(W)	, - 3 [= 3.==300, 30. 000	,
5	Proposed picture/illustration:		
	Attach the file to the form, ple	ease.	
	Name of file:		

6	Explanation, why this amendment/change is needed: When scanning the SCAMIN recommendations of the IENC Encoding Guide the following inconsistencies were noted: The EU SCAMIN values in the Encoding Guide for Conveyor (CONVYR) SCAMIN 8000, overhead pipeline (pipohd) SCAMIN 45.000, CRANES and cranes SCAMIN 25.000 seem not consistent since all of them can imply a height limitation for navigation. Taking into account the customary selection of ranges/scales there is a need for a SCAMIN value greater than 10,000 for the aforementioned features. It is proposed to use the EU SCAMIN value for buoys, i.e. 20,000 for all these features. SLCONS, CATSLC=14 (fender) has a recommended SCAMIN value of 8,000. According to Encoding instruction B fenders need not have depictions of structural pylons behind the fender. Therefore there is a need for a SCAMIN value greater than 10,000 also in this case. It is proposed to use the EU SCAMIN value for buoys, i.e. 20,000. The same applies for the following features: MORFAC HULKES ROCKS Leading lights, Directional lights, Sector lights, NAVLNE, RCTLNE
7	Proposed applicability: mark all applicable boxes US Europe (without Russia) Russia South America (description of an other area of applicability)
8	Name of sender: Peter Kluytenaar
	Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat
	DVS
	e-mail address: p.kluytenaar@serendipity.nl
	LDATE LY Y Y YIVIIVIDD: 201100/28 AGODTEG 20100929

1	Encoding Guide		
	Request for an amendment (e.g. new p	icture, new coding instruction or new	real world entity, which is encoded
	by already existing object classes, a	attributes and attribute values, but rec	uires no alteration of existing
	elements) a change (e.g. replacing a pi	cture, illustration or an already existin	a text)
	the proposed change aff	fects the Feature Catalogue	-
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	G.3.7 (e.g.: C.1.5) of the Encoding Guide	
	(Continue with 4)	(Continue with 3)	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding	
		Guide (Add the proposal on	
		page 2 and continue	
		with 6 on this page)	
3	Definition Picture: real world	paper chart IENC	
	Coding instruction lit.		
	Object coding of object of	class flodoc/ FLODOC	
	Illustration		
4	Proposed text: Replace header "G.3.7 Floati	ng Dock (O)" by "G.3.7 Floatin	g Dock (C)"
	Add Encoding Instruction:		
	E) Floating docks that are p	permanently moorded at a fixed	d location must be encoded.
5	Proposed picture/illustration:		
3	Attach the file to the form, ple	ease.	
	Name of file:		
6	Explanation, why this amend	ment/change is needed: e a size that makes one not wa	enting to run into them and as
	, ,	tem 2 of the minimum content	9
		ydock themselves like every 1	
		KES. However to be prepared for cation, I propose to make enc	
	conditional.		cang of nothing doors
7	Proposed applicability: <i>mark</i> Signature US	all applicable boxes	
	 US Europe (without Russia)		
	□ Russia		
	South America	n and a of an inter-time A	
	(description of an other	r area of applicability)	

Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat

DVS

e-mail address: p.kluytenaar@serendipity.nl

Date (YYYYMMDD): 20100817, adopted 20100929

1	Encoding Guide Request for		
	an amendment (e.g. new p	icture, new coding instruction or new	
	by already existing object classes, a elements)	attributes and attribute values, but rec	quires no alteration of existing
	a change (e.g. replacing a pi	cture, illustration or an already existin	ng text)
2	Sections A and B	fects the Feature Catalogue Sections C to U	Section V to Z and Annexes
			AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	G.4.2 (e.g.: C.1.5) of	
	lor a new lit.	the Encoding Guide (Continue with 3)	
	(Continue with 4)	for a new page in	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding Guide	
		(Add the proposal on	
		page 2 and continue with 6 on this page)	
3	Definition		
	Picture: real world	☐ paper chart ☐ IENC	
	Coding instruction lit.	class DAMCON, C_AGGR	
	Illustration	ciass daividon, d_addit	
4	Proposed text: Object Encoding:		
	Object Class = DAMCON(L,	A)	
	delete items:] (M) OBJNAM = [Name]		
	(O) NOBJNM = (Refer to Sec	tion B, General Guidance)	
	Insert before "Please refer to	lottor P"·	
	Object Encoding	iellei D .	
	Object Class = C_AGGR() (M) OBJNAM = [name and/or	c aparatar/awparl	
	(O) NOBJNM = (Refer to Sec		
	(C) unlocd = [ISRS code]		
	(C) SORIND = (Refer to Sect	C) SORDAT = [YYYYMMDD] ion B, General Guidance)	
	Add Encoding Instruction:		
		to a barrage must be combine	ed to one aggregation area
	(C_AGGR).		ativa C. ACCD abia at value
	 The object name of a ballong OBJNAM. 	rrage is assigned to the respe-	ctive C_AGGK object using
	D 1 1 4 7 7 1 1 1		
5	Proposed picture/illustration: Attach the file to the form, ple	ease.	

	Name of file:
6	Explanation, why this amendment/change is needed: Is should be possible to produce Notices to Skippers for individual barrage openings as well as for the entire barrage and to have it shown in an IECDIS viewer at the approriate location.
7	Proposed applicability: mark all applicable boxes ☐ US ☐ Europe (without Russia) ☐ Russia ☐ South America
8	(description of an other area of applicability) Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat DVS
	e-mail address: p.kluytenaar@serendipity.nl Date (YYYYMMDD): 16/08/2010, adopted for all regions 20100929

1	Encoding Guide Request for				
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded				
		by already existing object classes, attributes and attribute values, but requires no alteration of existing			
		cture, illustration or an already existir	ng text)		
	the proposed change af	fects the Feature Catalogue	,		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB		
	This is a request	This is a request	This is a request referring to		
	referring to lit.	referring to page(s)	section		
	for a new lit.	G.4.8 (e.g.: C.1.5) of the Encoding Guide			
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)		
		section (e.g.:			
		E.1) of the Encoding			
		Guide (Add the proposal on			
		page 2 and continue			
		with 6 on this page)			
3	☐ Definition☐ Picture: ☐ real world	paper chart IENC			
	Coding instruction lit.	paper onart			
	□ Object coding of object of the coding of the co	class excnst, C_AGGR			
	☐ Illustration	, -			
4	Proposed text: Add:				
	Object Encoding				
	Object Class = C_AGGR()	/			
	(M) OBJNAM = [name and/orline] (O) NOBJNM = (Refer to Sec	•			
	(C) unlocd = [ISRS code] (O) TXTDSC = (Refer to G) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)				
	Add Encoding Instruction:				
		to an Exceptional Navigationa	al Structure must be		
	combined to one aggregation J) The object name of an E	rarea (C_AGGR). Exceptional Navigational Struc	ture is assigned to the		
	respective C_AGGR object u		J		
_	Duon a and mintows Plles at the C				
5	Proposed picture/illustration: Attach the file to the form, ple	ease.			
	Name of file:				
6	Explanation, why this amend		to alamal atations		
	Since an Exceptional Navigational Structure may have lights, signal stations, communication areas an C_AGGR seems appropriate.				
L					

7	Proposed applicability: <i>mark all applicable boxes</i> │
	Europe (without Russia)
	│⊠ Russia │⊠ South America
	(description of an other area of applicability)
8	Name of sender: Peter Kluytenaar
	Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat
	DVS
	e-mail address: p.kluytenaar@serendipity.nl
	Date (YYYYMMDD): 16/08/2010

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)	ittributes and attribute values, but red	quires no alteration of existing
	l 	cture, illustration or an already existin	g text)
		ects the Feature Catalogue	
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	G.4.9 (e.g.: C.1.5) of	
		the Encoding Guide (Continue with 3)	
	(Continue with 4)	for a new page in	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding	
		Guide	
		(Add the proposal on page 2 and continue	
		with 6 on this page)	
3	Definition	, ,	
	☐ Picture: ☐ real world	☐ paper chart ☐ IENC	
	Coding instruction lit.		
	Object coding of object of Illustration	class DAMCON, GATCON, gar	tcon, C_AGGR()
4	Proposed text:		
	Object Encoding:		
	Object Class = DAMCON(L, A) delete items:] (M) OBJNAM = [Name] (O) NOBJNM = (Refer to Section B, General Guidance)		
	Object Class = GATCON(L,A		
	add (C) unlocd = [ISRS code]		
	Object Class = gatcon(L,A)		
	add (C) unlocd = [ISRS code]		
	۸ ما ما ،		
	Add: Object Encoding		
	Object Class = C_AGGR()		
	(M) OBJNAM = [name and/or	operator/owner]	
	(O) NOBJNM = (Refer to Sec	tion B, General Guidance)	
	(C) unlocd = [ISRS code]	C) SOBDAT – [VVVVMMADD]	
	(O) TXTDSC = (Refer to G) ((C) SORIND = (Refer to Sect		
		•	
	Add Encoding Instruction: H) All objects which belong	to a barrage must be combine	ad to one aggregation area
	(C_AGGR).	to a parrage must be combine	to one aggregation area
		rrage is assigned to the respe	ctive C_AGGR object using
	ÓBJNAM.		_ , 3

	J) The ISRS code of an individual barrage opening is assigned to each single GATCON/gatcon object. The ISRS code of the entire barrage is assigned to the C_AGGR() object (refer to General Guidance section H)
5	Proposed picture/illustration:
	Attach the file to the form, please.
	Name of file:
6	Explanation, why this amendment/change is needed: Is should be possible to produce Notices to Skippers for individual barrage openings as well as for the entire barrage and to have it shown in an IECDIS viewer at the approriate location.
7	Proposed applicability: mark all applicable boxes ☐ US ☐ Europe (without Russia) ☐ Russia ☐ South America
	(description of an other area of applicability)
8	Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat DVS
	e-mail address: p.kluytenaar@serendipity.nl
	Date (YYYYMMDD): 16/08/2010, adopted for all regions 20100929

1	Encoding Guide		
	Request for		
	by already existing object classes, a	cture, new coding instruction or new attributes and attribute values, but rec	real world entity, which is encoded juires no alteration of existing
	elements)		-
		cture, illustration or an already existin ects the Feature Catalogue	g text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes
			AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
		I.1.8 (e.g.: C.1.5) of	Section
	for a new lit.	the Encoding Guide	
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding	
		Guide (Add the proposal on	
		page 2 and continue	
		with 6 on this page)	
3	Definition Picture: real world	paper chart IENC	
	Coding instruction lit. D	paper chart iENO	
	Object coding of object of	class SOUNDG	
4	Illustration Proposed text:		
4	•	ruction: "D) If the value for EX	PSOU is (1) [within the
	range of depth of the surroun	ding depth area] or if EXPSOL	J is not used, any depth value
		L1 and less than or equal to D . This must only be applied if b	
		ect are encoded with explicit a	
	values."	·	
		the object class SOUNDG: "(oding depth area), 2 (shoaler the	, - `
		eeper than the range of depth	
	area)"		
	Add the attribute EXPSOU to	the Feature Catalogue.	
5	Proposed picture/illustration:	000	
	Attach the file to the form, ple Name of file:	ase.	
	manie of file.		
6	Explanation, why this amend Clarification and alignment w		
7	Proposed applicability: mark		
	 US Europe (without Russia)		
	Russia		
	South America		
	(description of an other	r area of applicability)	

8 Name of sender: Bernd Birklhuber

Name of authority or company: on behalf of task force Quality Standards

e-mail address: bernd.birklhuber@bmvit.gv.at

Date (YYYYMMDD): 18/06/2010; not adopted; rule 1768 will most probably be changed

in Edition 4.2 of S-58. Wait for the adoption of ed. 4.2 and resubmit amended CR.

1		icture, new coding instruction or new	
	by already existing object classes, a elements)	attributes and attribute values, but rec	uires no alteration of existing
		cture, illustration or an already existin	a text)
		fects the Feature Catalogue	g,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	I.1.9 (e.g.: C.1.5) of the Encoding Guide	
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)
	(Continuo With 1)	section (e.g.:	
		E.1) of the Encoding	
		Guide	
		(Add the proposal on	
		page 2 and continue	
3	Definition	with 6 on this page)	
	Picture: real world	paper chart IENC	
	Coding instruction lit.		
	Object coding of object of	class UNSARE	
	☐ Illustration		
4	Proposed text:		
	Object Encoding Object Class = UNSARE(A)		
		(C) SORDAT = [YYYYMMDD]	
	(C) SORIND = (Refer to Sect	ion B, General Guidance)	
	Object Class = DEPARE(A)		
	(M) DRVAL1 = ["0"]		
	(M) DRVAL2 = ["Unknown" o		
		(C) SORDAT = [YYYYMMDD]	
	(C) SORIND = (Refer to Sect	ion B, General Guidance)	
	Encoding Instructions:		
	Replace encoding instruction		
		which can not be surveyed for e	
		nd hence no depth data is ava done for areas below the spec	
		eas above this specific water le	
	shall be used. (see I.1.6)	,	-
	Delete encoding instruction E	3)	
	Renumber encoding instruction	on C) in B)	

5	Proposed picture/illustration:
	Attach the file to the form, please.
	Name of file:
6	Explanation, why this amendment/change is needed: S-57 knows the feature UNSARE to encoded an area for which no bathymetric survey information is available. UNSARE has its own symbolisation that clearly distinguishes UNSARE from DEPARE on the display. The present encoding instruction in the Encoding Guide is to use a DEPARE or depare feature with DRVAL1 = ["0"] and DRVAL2 = ["unknown" or [x.x] (metres), e.g. 2.7]. I was unsuccessful in trying to recollect what reasons we had in the past not to use UNSARE. Reasons why I would like to reopen the discussion are provided in a separate memo.
7	Proposed applicability: mark all applicable boxes ☐ US ☐ Europe (without Russia) ☐ Russia ☐ South America ☐ (description of an other area of applicability)
8	
O	Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat
	DVS
	e-mail address: p.kluytenaar@serendipity.nl
	Date (YYYYMMDD): 29/07/2010

Memo

Topic: Unsurveyed areas in IENCs

Date: 2/8/10

To: IEHG

By: Peter Kluytenaar on behalf of Rijkswaterstaat DVS

Unsurveyed areas

S-57 knows the feature UNSARE to encode an area for which no bathymetric survey information is available. UNSARE has its own symbolization that clearly distinguishes UNSARE from DEPARE on the display. The present encoding instruction in the Encoding Guide, however, is to use a DEPARE or depare feature with DRVAL1 = ["0"] and DRVAL2 = ["unknown" or [x.x] (meters), e.g. 2.7]. I was unsuccessful in trying to recollect what reasons we had in the past not to use UNSARE.

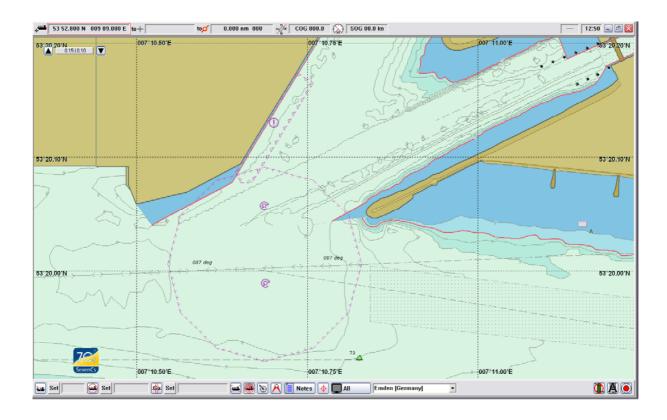
There are however reasons to reopen the discussion of how to handle unsurveyed areas.

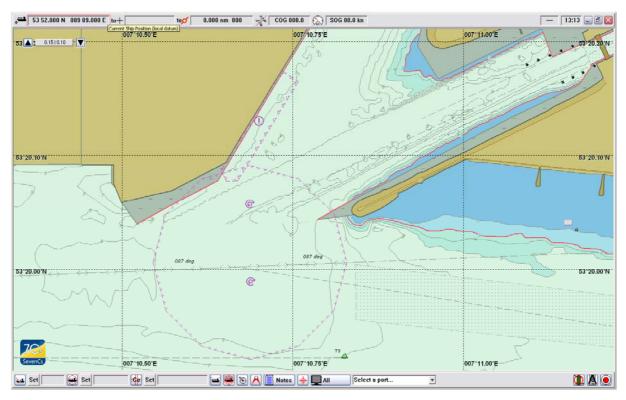
The present solution using DEPARE or depare gives no immediate visual cues to distinguish between:

- an area that has been surveyed but has insufficient water depth or
- an area that has not been surveyed and may have sufficient water depth.

To find which of the two options is at hand one has to use the pick report. When the unsurveyed area is between a surveyed area with insufficient water and the shoreline the difference is not an issue. This will very often be the case along riverbanks where due to the insufficient water depth for the survey vessel no surveys may be carried out.

Unsurveyed areas however also may border immediately on depth areas with sufficient water depth for a given vessel. The next figures show an example: one with the unsurveyed area encoded with DEPARE and the other encoded with UNSARE.





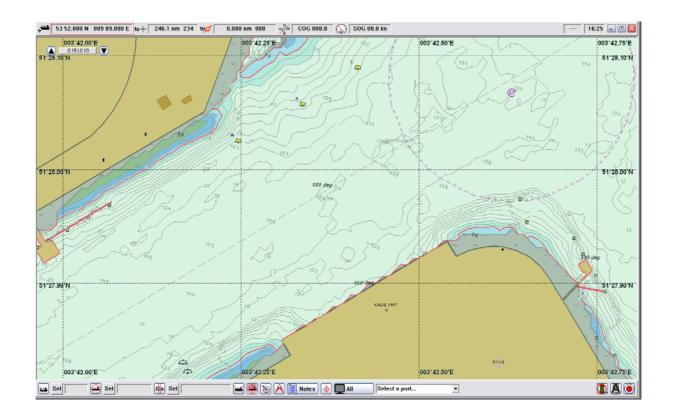
The example is from one of my projects where we turn a large vessel in the entrance of the harbour basin and close to the breakwater. Especially the unsurveyed area at the end of the breakwater created discussions when encoded as DEPARE. When coded as UNSARE no one doubts that the safe water depth contours may be extrapolated into the unsurveyed area like in the 'old days' when the navigator had to assume that there was a similar water depth in between the 'spot' soundings from single beam echo-sounders.

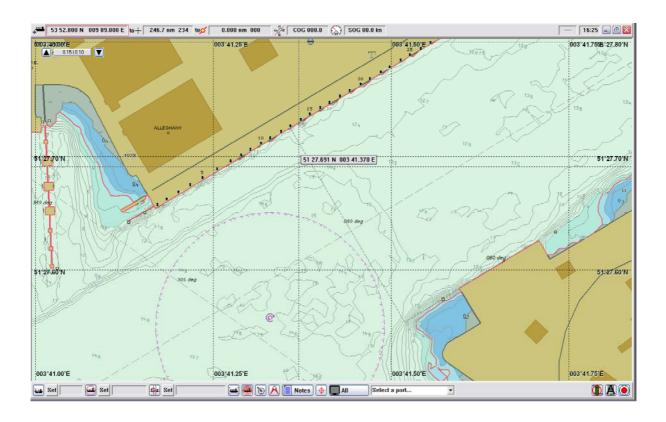
The examples on the next pages are from the IENCs that are produced by Rijkswaterstaat Zeeland. These show locations alongside quays where for whatever reason the surveys do not contain data. In the Zeeland IENCs these have been encoded with UNSARE to clearly distinguish these areas from areas where the survey data does show insufficient water depth.

The examples seem to be sufficient reason to propose an amendment of the IENC Encoding Guide to encode unsurveyed areas with UNSARE.

Reported depth

The exception to the proposal of the previous paragraph are cases where parts of the navigable water area are not surveyed but may be deep enough for navigation, like in sidearms or private marinas. In this case I would propose to keep the present encoding instruction DEPARE with QUASOU = 2 (depth unknown) or 8 (value reported (not surveyed)) in order to show that ships may navigate in these areas as well.







1	Encoding Guide Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded		
	by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)		
	 □ a change (e.g. replacing a picture, illustration or an already existing text) □ the proposed change affects the Feature Catalogue 		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit. for a new lit.	This is a request referring to page(s) I.3.5 (e.g.: C.1.5) of the Encoding Guide (Continue with 3)	This is a request referring to section
	(Continue with 4)	for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	(Continue with 4)
3	 □ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. □ Object coding of object class □ Illustration 		
4	Proposed text: The symbolization of the waterway profile is not visible. The existing picture should be replaced		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: see nr. 4		
7	Proposed applicability: mark all applicable boxes US Europe (without Russia) Russia South America		
8	(description of an other area of applicability) Name of sender: Ludwig Steinhuber		
J	Name of authority or company: on behalf of the German Waterways and Shipping Administration e-mail address: Ludwig.Steinhuber@wsv.bund.de Date (YYYYMMDD): 20100812 not adopted (some applications as for example SeeMyENC are showing the wtwprf, a picture without a profile would be useless in the EG.		

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded		
	by already existing object classes, a elements)	attributes and attribute values, but red	quires no alteration of existing
	1	cture, illustration or an already existir	na text)
		fects the Feature Catalogue	,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
		J.1.1 (e.g.: C.1.5) of	
	for a new lit.	the Encoding Guide	
	(Cantinua with 1)	(Continue with 3)	(Continue with 4)
	(Continue with 4)	for a new page in	,
		section (e.g.:	
		E.1) of the Encoding Guide	
		(Add the proposal on	
		page 2 and continue	
		with 6 on this page)	
3	Definition		
	Picture: real world	paper chart IENC	
	Coding instruction lit. D		
	Object coding of object of	class	
	Illustration		
4	Proposed text:	truction, "D) An III/ITBOC or u	uutraa ahiaat may nat ahara
	the same geo-spatial position	truction: "D) An UWTROC or u with a SOUNDG object "	wiroc object may not share
	The same geo spanar position	T Will a CCCTAD C Object.	
_	Duana and minture /illustrations		
5	Proposed picture/illustration: Attach the file to the form, ple	2250	
	Name of file:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Name of file.		
6	Explanation, why this amend	ment/change is needed:	
	Clarification and alignment w		
7	Proposed applicability: mark all applicable boxes		
	□S □S		
	Europe (without Russia)		
	Russia South America		
		r area of applicability	
0	(description of an othe	* * * * * * * * * * * * * * * * * * * *	
8	Name of sender: Bernd Birkli	nuber ly: on behalf of task force Qual	ity Standards
	e-mail address: bernd.birklhu		ily Statiuatus
	Date (YYYYMMDD): 18/06/2	•	

1	Encoding Guide Request for		
	an amendment (e.g. new p by already existing object classes, a elements)	icture, new coding instruction or new attributes and attribute values, but rec	real world entity, which is encoded puires no alteration of existing
		cture, illustration or an already existin	ig text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit. for a new lit. (Continue with 4)	This is a request ☐ referring to page(s) ☐ J.2.1 (e.g.: C.1.5) of the Encoding Guide (Continue with 3) ☐ for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	This is a request referring to section (Continue with 4)
3	□ Definition □ Picture: □ real world □ Coding instruction lit. E) □ Object coding of object of lilustration	paper chart IENC	
4	Proposed text: E) Where a WRECKS area includes other WRECKS point objects, the encoded values of the attributes QUASOU, TECSOU, VALSOU and WATLEV for the area object have to be identical to the values for the shallowest point object.		
5	Proposed picture/illustration: Attach the file to the form, ple Name of file:	ase.	
6	Explanation, why this amendal Alignment with S-57	ment/change is needed:	
7	Proposed applicability: mark US Europe (without Russia) Russia South America		
8	(description of an other Name of sender: Bernd Birklh Name of authority or compan e-mail address: bernd.birklhu Date (YYYYMMDD): 29/04/20	nuber y: on behalf of task force Qual ber@bmvit.gv.at	ity Standards

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)	attributes and attribute values, but rec	quires no alteration of existing
	l —	cture, illustration or an already existir	ng text)
		fects the Feature Catalogue	,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s)	section
	for a new lit.	J.3.1 (e.g.: C.1.5) of the Encoding Guide	
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)
	,	section (e.g.:	
		E.1) of the Encoding	
		Guide	
		(Add the proposal on	
		page 2 and continue	
3	Definition	with 6 on this page)	
	Picture: real world	paper chart IENC	
	Coding instruction lit. O)		
	Object coding of object of	class	
	☐ Illustration		
4	Proposed text:		
	l *	cludes other OBSTRN point o	
		VATLEV for the area object ha	ve to be identical to the
	values for the shallowest poir	nt object.	
5	Proposed picture/illustration:		
	Attach the file to the form, ple	ease.	
	Name of file:		
6	Explanation, why this amend Alignment with S-57		
7	Proposed applicability: mark	all applicable boxes	
	 US Europe (without Russia)		
	Russia		
	South America		
	description of an othe	r area of applicability)	
8	Name of sender: Bernd Birklh	**	
		y: on behalf of task force Qual	ity Standards
	e-mail address: bernd.birklhu	ber@bmvit.gv.at	
	Date (YYYYMMDD): 201004:	29, adopted 20100929	

1	Encoding Guide				
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded				
	by already existing object classes, attributes and attribute values, but requires no alteration of existing				
	l —	elements) a change (e.g. replacing a picture, illustration or an already existing text)			
		fects the Feature Catalogue			
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB		
	This is a request referring to lit. for a new lit. (Continue with 4)	This is a request ☐ referring to page(s) (e.g.: C.1.5) of the Encoding Guide (Continue with 3) ☐ for a new page in section L.1 (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue	This is a request referring to section (Continue with 4)		
		with 6 on this page)			
3	Definition	Dunana diad DIENO			
	Picture: real world	paper chart IENC			
	Coding instruction lit.				
	Object coding of object	class			
4	Illustration				
7	Proposed text:				
5	Proposed picture/illustration:				
	Attach the file to the form, ple	ease.			
	Name of file:				
6		•	ds on the River Scheldt knows and its attributes is needed		
7	Proposed applicability: mark	all applicable boxes			
	│⊠ US │⊠ Europe (without Russia)				
	Russia				
	South America				
	(description of an othe	r area of applicability)			
8	Name of sender: Peter Kluyto Name of authority or compar	enaar ny: Serendipity UnLtd on behal	If of Rijkswaterstaat		
	DVS				
	e-mail address: p.kluytenaar	@serendipity.nl			
	Date (YYYYMMDD): 201008	11, adopted for all regions 201	100929		

L.1 Tracks

L.1.5 Traffic separation zone (M)

A traffic separation scheme is a scheme which aims to reduce the risk of collision in congested and/or converging areas by separating traffic moving in opposite, or nearly opposite, directions. (IHO Dictionary, S-32, 5th Edition, 5585)

A traffic separation zone is a zone separating the lanes in which ships are proceeding in opposite or nearly opposite directions; or separating traffic lanes designated for particular classes of ships proceeding in the same direction (IMO Ships Routeing, 6th Edition).

Graphics	Encoding Instructions	Object Coding
Graphics Real World Chart Symbol QuickTime™ and a decompressor are needed to see this picture. IENC Symbolization	A) If a structured external XML-file with more detailed communication information is available, the reference to the file has to be entered in the TXTDSC attribute. B) Use STATUS if any of the conditions apply.	Object Coding Object Encoding Object Class = TSEZNE (A) (M) CATTSS = [1 (IMO - adopted), 2 (non IMO - adopted)] (O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
IENC Symbolization	apply.	DATSTA, DATEND, PERSTA and
		(C) TXTDSC = (Refer to A) (M) SCAMIN = [EU: 260000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

1	Encoding Guide Request for in an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)			
	a change (e.g. replacing a pie	cture, illustration or an already existir	ng text)	
		ects the Feature Catalogue		
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	(e.g.: C.1.5) of		
	(Continue with 4)	the Encoding Guide (Continue with 3)	(Continue with 4)	
	(Continue With 1)	for a new page in section L.1 (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on page 2 and continue		
		with 6 on this page)		
3	☐ Definition ☐ Picture: ☐ real world	paper chart IENC		
	Coding instruction lit.	☐ paper chart ☐ IENC		
	_	Noo		
	Object coding of object of Illustration	Jass		
4	Proposed text:			
5	Proposed picture/illustration: Attach the file to the form, ple	220		
	Name of file:	ase.		
	. tanto or mo.			
6	Explanation, why this amend			
		River Scheldt. Flushing Road Therefore the feature RCTLPT		
7	Proposed applicability: mark		and the defined to the door	
	US			
	Europe (without Russia) Russia			
	South America			
	(description of an other	r area of applicability)		
8	Name of sender: Peter Kluyte	enaar y: Serendipity UnLtd on behal	f of Riikewaterstaat	
	DVS	y. Gerendipity Officia off bellat	i oi Mijnəwaltiəlaal	
		@sorondinity nl		
	e-mail address: p.kluytenaar@ Date (YYYYMMDD): 11/08/20	હું serendipity.ni 010 <mark>defered to add a clarificati</mark>	on when TWRTPT has to be	

L.1 Tracks

L.1.6 Recommended traffic lane part (M)

An optional part of an IMO-adopted routing measure.... Several Hydrographic Offices, in consultation with their Ministries of Transport, have added recommended directions in areas such as the outer approaches to major ports in order to show the best routes for crossing traffic or to minimize head-on encounters.(. ..) (IHO Chart Specifications, M-4)

Graphics	Encoding Instructions	Object Coding
Real World	C) Use STATUS if any of the conditions	Object Encoding
	apply.	Object Class = RCTLPT (P,A)
Chart Symbol QuickTime™ and a decompressor are needed to see this picture.	SFF.J.	(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
IFAIO O web all-allian		(O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
IENC Symbolization		(M) ORIENT = [xxx.xx]
<_1000		(C) STATUS = [3 (recommended), 4 (mandatory)
F 5		(O) INFORM = (additional information)
L = Ly*		(O) NINFOM = (Refer to Section B, General Guidance)
		(M) SCAMIN = [EU: 260000]
		(C) SORDAT = [YYYYMMDD]
		(C) SORIND = (Refer to Section B, General Guidance)

1	Encoding Guide			
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements)			
		icture, illustration or an already existi fects the Feature Catalogue		
2	Sections A and B	Sections C to U	Section V to Z and Annexes	
			AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
		(e.g.: C.1.5) of	Section	
	for a new lit.	the Encoding Guide		
	(Continue with 4)	(Continue with 3)	(Continue with 4)	
	(Continue with 4)	for a new page in		
		section M.4 (e.g.: E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	with o on this page)		
	Picture: Teal world	paper chart IENC		
	☐ Coding instruction lit.			
	Object coding of object	class		
	☐ Illustration			
4	Proposed text:			
5	Proposed picture/illustration:			
	Attach the file to the form, ple	ease.		
	Name of file:			
6	Explanation, why this amend	ment/change is needed:		
		ounds on the inland waterways	s, which need to be encoded	
	to make skippers aware of th	em.		
7	Proposed applicability: <i>mark</i>	all applicable boxes		
	│⊠ US │⊠ Europe (without Russia)	1		
	Russia			
	South America			
	(description of an othe	r area of applicability)		
8	Name of sender: Peter Kluyt		W (D''')	
	· ·	ny: Serendipity UnLtd on beha	If of Rijkswaterstaat	
	DVS			
	e-mail address: p.kluytenaar	· ·		
	Date (YYYYMMDD): 09/08/2	010		

M.4 Miscellaneous Areas / Limits M.4.6 Dumping ground (O)

An area where dredged material or other potentially more harmful material, e.g. explosives, chemical waste, is deliberately deposited. (Derived from IHO Chart Specifications, M-4)..

Graphics	Encoding Instructions	Object Coding
Real World	D) Use RESTRN if any of the conditions apply	Object Encoding Object Class = DMPGRD (P,A)
Chart Symbol		(M) CATDPG = [1 (chemical waste dumping ground), 4 (explosives dumping ground), 5 (spoil ground)]
*****		(O) OBJNAM = [Name]
Dumping Ground		(O) NOBJNM = (Refer to Section B,
		General Guidance)
IENC Symbolization		(C) RESTRN = [1 (anchoring prohibited), 3 (fishing prohibited), 5 (trawling prohibited), 7 (entry prohibited), 8 (entry restricted), 24 (dragging prohibited)]
*		(O) INFORM = (additional information)
N. N. N. S.		(O) NINFOM = (Refer to Section B, General Guidance)
^.		(M) SCAMIN = [EU: 260000]
		(C) SORDAT = [YYYYMMDD]
		(C) SORIND = (Refer to Section B, General Guidance)

1	Encoding Guide Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)			
	a change (e.g. replacing a pi	cture, illustration or an already existin	ng text)	
2	Sections A and B	fects the Feature Catalogue Sections C to U	Section V to Z and Annexes	
_	occiono / tana b		AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	(e.g.: C.1.5) of the Encoding Guide		
	(Continue with 4)	(Continue with 3)	(Continue with 4)	
	,	for a new page in section M.4 (e.g.:		
		E.1) of the Encoding		
		Guide (Add the proposal on		
		page 2 and continue		
3	Definition	with 6 on this page)		
3	Picture: real world	paper chart IENC		
	☐ Coding instruction lit.			
	Object coding of object of	class		
	☐ Illustration			
4	Proposed text:			
5	Proposed picture/illustration:			
	Attach the file to the form, ple	ease.		
	Name of file:			
	Fundamentian colors (C.)			
6	Explanation, why this amend There are quite a few mussel	ment/cnange is needed: I and oyster marine farms/cultu	ures on some of the inland	
	waterways, which need to be	encoded to make skippers av		
7	Proposed applicability: <i>mark</i> Signature National Natio	all applicable boxes		
	Europe (without Russia)			
	Russia			
	South America (description of an othe	r area of applicability)		
8	Name of sender: Peter Kluyte	* * * * * * * * * * * * * * * * * * * *		
		y: Serendipity UnLtd on behal	f of Rijkswaterstaat	
	DVS			
	e-mail address: p.kluytenaar	@serendipity.nl		
	Date (YYYYMMDD): 12/08/2	010		

M.4 Miscellaneous Areas / Limits

M.4.7 Marine farm/culture (O)

An assemblage of cages, nets, rafts and floats or posts where fish, including shellfish, are artificially cultivated. Also called fish farm. (IHO Dictionary, S-32, 5th Edition, 1811.

Graphics

Encoding Instructions

Object Coding

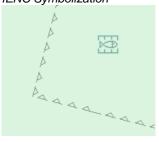
Real World



Chart Symbol

QuickTime™ and a decompressor are needed to see this picture.

IENC Symbolization



- E) EXPSOU, VALSOU and WATLEV must be encoded for all MARCUL objects if they are under water.
- F) If VALSOU is provided SOUACC and verdat should also be provided
- G) Use STATUS if any of the conditions apply.

Object Encoding

Object Class = MARCUL (P,L,A)

(M) CATCUL = 1 [crustaceans], 2
[oysters/mussels], 3 [fish], 4 [seaweed]

(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)

- (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
- (O) PERSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
- (O) PEREND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
- (C) EXPSOU = [1 (within the range of depth of the surrounding depth area), 2 (shoaler than the range of depth of the surrounding depth area), 3 (deeper than the range of depth of the surrounding depth area)]
- (C) VALSOU = [sxxxxx.xx] (s: sign, negative values only)
- (O) QUASOU = [1 (depth known), 2 (depth unknown), 3 (doubtful sounding), 4 (unreliable sounding), 6 (least depth known), 7 (least depth unknown, safe clearance at depth shown), 8 (value reported (not surveyed)), 9 (value reported (not confirmed))]
- (C) SOUACC = [xx.x]
- (C) STATUS = [2 (occasional, seasonal), 4 (not in use)]
- (C) WATLEV = [1 (partly submerged at high water), 2 (always dry), 3 (always under water/submerged), 4 (covers and uncovers), 5 (awash), 7 (floating)]
- (O) OBJNAM = [Name]
- (O) NOBJNM = (Refer to Section B, General Guidance)
- (O) INFORM = (additional information)
- (O) NINFOM = (Refer to Section B, General Guidance)
- (M) SCAMIN = [260000]
- (C) SORDAT = [YYYYMMDD]
- (C) SORIND = (Refer to Section B, General Guidance)

1	Encoding Guide			
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, attributes and attribute values, but requires no alteration of existing			
	elements)	cture, illustration or an already existir	na text)	
		fects the Feature Catalogue	ig text)	
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
	for a new lit.	N.1.3 (e.g.: C.1.5) of the Encoding Guide		
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)	
	(Oonande war 4)	section (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	mar o on ano pago,		
	Picture: real world	paper chart IENC		
	Coding instruction lit.			
	Object coding of object of Illustration	class RECTRC		
4	Proposed text:			
	RECTRC: Replace RECTRC() by RECT	TDC/I \		
	Replace RECTRO() by REC	NO(L)		
5	Proposed picture/illustration:			
	Attach the file to the form, ple	ease.		
	Name of file:			
6	Explanation, why this amend	9		
7	The "L" to indicate a line objection Proposed applicability: mark			
-	⊠ us	• •		
	Europe (without Russia)			
	Russia South America			
	(description of an other	r area of applicability)		
8	Name of sender: Peter Kluyte	* * * * * * * * * * * * * * * * * * * *		
		y: Serendipity UnLtd on behal	f of Rijkswaterstaat	
	DVS			
	e-mail address: p.kluytenaar	@serendipity.nl		
	Date (YYYYMMDD): 17/08/2	010		

1	Encoding Guide			
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded			
	by already existing object classes, a	by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)			
		cture, illustration or an already existin fects the Feature Catalogue	ig text)	
2	Sections A and B	Sections C to U	Section V to Z and Annexes	
			AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s) O.1.1 (e.g.: C.1.5) of	section	
	for a new lit.	the Encoding Guide		
		(Continue with 3)	(Continue with 4)	
	(Continue with 4)	for a new page in	(Continue with 1)	
		section (e.g.:		
		E.1) of the Encoding		
		Guide (Add the proposal on		
		page 2 and continue		
		with 6 on this page)		
3	Definition			
	Picture: real world	paper chart IENC		
	Coding instruction lit.			
		class IOPMAR		
4	Proposed text:			
	TOPMAR:			
	(M) TOPSHP = [1 (cone, up),	3 (sphere), 5 (cylinder, can)]		
5	Dropood picture/illustration:			
5	Proposed picture/illustration: Attach the file to the form, ple	ease		
	Name of file:			
	rvaine of file.			
6	Explanation, why this amend	ment/change is needed:		
		mehow overlooked when drafti		
	, ·	IGNI specifically mentions a sp	ohere topmark for bifurcation	
7	buoys. Proposed applicability: mark	all applicable boxes		
	US	an appreasie sexee		
	Europe (without Russia)			
	Russia South America			
		u ana af annliachilit d		
0	(description of an other	**		
8	Name of sender: Peter Kluyte	enaar y: Serendipity UnLtd on behalt	f of Riikswaterstaat	
	DVS	y. Colondipity Officia off Defiall	or righowaterolaat	
	_	O		
	e-mail address: p.kluytenaar	• •		
	Date (YYYYMMDD): 26/07/2	010		

1	Encoding Guide Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)		
		cture, illustration or an already existin	ng text)
		fects the Feature Catalogue	,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request	This is a request	This is a request referring to
	referring to lit.	referring to page(s) O.1.1, O.1.5 (e.g.:	section
	for a new lit.	C.1.5) of	
	(Continue with 4)	the Encoding Guide (Continue with 3) for a new page in	(Continue with 4)
		section (e.g.:	
		E.1) of the Encoding Guide	
		(Add the proposal on	
		page 2 and continue with 6 on this page)	
3	Definition	with o on this page)	
		paper chart IENC	
	Coding instruction lit. O.1.1 D), O.1.5 I)		
	☐ Object coding of object class ☐ Illustration		
4	Proposed text:		
	O.1.1 D): Insert after "In case TOPMAR is added:": the buoy has to be encoded as		
	master and TOPMAR as slave." O.1.5: Add a new Encoding Instruction: "I) boylat must act as master object to a		
	TOPMAR and LIGHTS object (if they exist)"		
5	Proposed picture/illustration:		
	Attach the file to the form, please.		
	Name of file:		
6	Explanation, why this amendment/change is needed: Clarification and alignment with S-57 and S-58, rule 1723.		
7	Proposed applicability: mark all applicable boxes US		
	☑ US ☑ Europe (without Russia)		
	□ Russia		
	South America		
8	(description of an other area of applicability) Name of sender: Bernd Birklhuber		
Ĭ	Name of authority or company: on behalf of task force Quality Standards		
	e-mail address: bernd.birklhuber@bmvit.gv.at Date (YYYYMMDD): 18/06/2010		
	טמו ט (דדר אוואווער). 10/00/2 0	UIU	

1	Encoding Guide Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded		
	by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)		
		cture, illustration or an already existing tects the Feature Catalogue	ng text)
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit. for a new lit. (Continue with 4)	This is a request ☐ referring to page(s) ☐ O.3.1 (e.g.: C.1.5) of the Encoding Guide (Continue with 3) ☐ for a new page in section (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	This is a request referring to section (Continue with 4)
3	Definition	with 6 on this page)	
	Picture: Teal world	☐ paper chart ☐ IENC	
	Coding instruction lit.		
	✓ Object coding of object class notmrk✓ Illustration		
4	Proposed text:		
	Add the value "5 (to harbor)" for the attribute dirimp		
	Add value 5 to the attribute dirimp of the feature notmrk		
5	Proposed picture/illustration: Attach the file to the form, please.		
	Name of file:		
	INAITIE OF THE.		
6	Explanation, why this amendment/change is needed:		
	The effect of direction of landmarks is not only up-/downstream or to the left/right bank. The direction can also be to an harbor.		
7	Proposed applicability: mark all applicable boxes		
	US Europe (without Russia)		
	Russia		
	South America		
0	(description of an other area of applicability)		
8	Name of sender: Ludwig Stei Name of authority or compan	nnuber y: on behalf of the German W	aterways and Shipping
	Administration	-	· · · · · ·
	e-mail address: Ludwig.Steinhuber@wsv.bund.de Date (YYYYMMDD): 20100812 supported by IEHG meeting, deadline for vetoes		
	20101008		

	-T			
1	Encoding Guide			
	Request for			
		an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing		
	elements)			
		cture, illustration or an already existi fects the Feature Catalogue	ng text)	
2	Sections A and B	Sections C to U	Section V to Z and Annexes	
			AA and AB	
	This is a request	This is a request	This is a request referring to	
	referring to lit.	referring to page(s)	section	
		Q.2.1 (e.g.: C.1.5) of	Scotion	
	for a new lit.	the Encoding Guide		
	(Continue with 4)	(Continue with 3) for a new page in	(Continue with 4)	
	(Commission III)	section (e.g.:		
		E.1) of the Encoding		
		Guide		
		(Add the proposal on		
		page 2 and continue with 6 on this page)		
3	Definition	mar e en ane page,	1	
	Picture: Teal world	paper chart IENC		
	Coding instruction lit.			
	Object coding of object class rdocal Illustration			
4	Proposed text:			
	Object Class = rdocal(P, L)			
	add (C) unlocd = [ISRS code]			
5	Proposed picture/illustration:			
	Attach the file to the form, please.			
	Name of file:			
<u> </u>				
6	Explanation, why this amendment/change is needed:			
	Various waterway authorities in Europe are producing or would like to be able to produce Notices to Skippers regarding Radio calling in points, including the ISRS code			
	in the IENC allows the applications to show the Notice on the appropriatNe location.			
7	Proposed applicability: mark all applicable boxes			
	US Furone (without Russia)			
	Europe (without Russia) Russia			
	South America			
	(description of an othe	* * * * * * * * * * * * * * * * * * * *		
8	Name of sender: Peter Kluytenaar			
	Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat			
	DVS			
	e-mail address: p.kluytenaar@serendipity.nl			

	Date (YYYYMMDD): 29/07/2010		
1	Encoding Guide		
	Request for an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing elements) a change (e.g. replacing a picture, illustration or an already existing text)		
	the proposed change af	fects the Feature Catalogue	,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request ☐ referring to lit. ☐ for a new lit.	This is a request referring to page(s) R.2.1, R.2.2, R.2.3, R.2.4 (e.g.: C.1.5) of	This is a request referring to section
	(Continue with 4)	the Encoding Guide (Continue with 3) for a new page in	(Continue with 4)
		section (e.g.: E.1) of the Encoding Guide (Add the proposal on	
		page 2 and continue with 6 on this page)	
3	 □ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. □ Object coding of object class sistat 		
4	Illustration Proposed text: Object Class = sistat(P): add (C) unlocd = [ISRS code]		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Various waterway authorities in Europe are producing or would like to be be able to produce Notices to Skippers regarding traffic signals. Including the ISRS code in the IENC allows the applications to show the Notice on the appropriatNe location.		
7	Proposed applicability: mark all applicable boxes US Europe (without Russia) Russia South America (description of an other area of applicability)		
8	Name of sender: Peter Kluytenaar Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat DVS e-mail address: p.kluytenaar@serendipity.nl		
	Date (YYYYMMDD): 29/07/2010		

1	Encoding Guide		
	Request for		
	an amendment (e.g. new picture, new coding instruction or new real world entity, which is encoded by already existing object classes, attributes and attribute values, but requires no alteration of existing elements)		
	l —	cture, illustration or an already existin	ng text)
		fects the Feature Catalogue	,
2	Sections A and B	Sections C to U	Section V to Z and Annexes AA and AB
	This is a request referring to lit. for a new lit.	This is a request referring to page(s) (e.g.: C.1.5) of the Encoding Guide	This is a request referring to section
	(Continue with 4)	(Continue with 3) for a new page in section R (e.g.: E.1) of the Encoding Guide (Add the proposal on page 2 and continue with 6 on this page)	(Continue with 4)
3	□ Definition □ Picture: □ real world □ paper chart □ IENC □ Coding instruction lit. □ Object coding of object class □ Illustration		
4	Proposed text:		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Alignment with S57. We need to be able to encode the available lifebuoys in the harbours.		
7	Proposed applicability: mark all applicable boxes US Europe (without Russia) Russia South America (description of an other area of applicability)		
8	Name of sender: Jasmine Dumollin		
	Name of authority or compan		
	e-mail address: jasmine.dumollin@mow.vlaanderen.be		
	Date (YYYYMMDD): 17/09/2010 (supported by IEHG meeting for all regions, deadline for vetoes 20101101)		

R- Services

R.3. Rescue station

A place at which life saving equipment is held.

Graphics	Encoding Instructions	Object Coding
Real World	None as all attributes are optional; there are no attributes mandatory for RSCSTA.	Object Encoding Object Class = RSCSTA (P)
		(O) CATRSC = 1 rescue station with lifeboat; 2 rescue station with rocket; 3 not in use; 4 refuge for shipwrecked mariners;5 refuge for intertidal walkers; 6 lifeboat lying at a mooring; 7 aid radio station; 8 first aid equipment; 9 lifebuoy, ring buoy, life ring, life saver
		(O) DATEND == (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
		(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
		(O) PERSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
		(O) PEREND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)
		(O) OBJNAM = [Name]
		(O) NOBJNM = (Refer to Section B, General Guidance
4.4		(O) STATUS = [2 (occasional, seasonal), 4 (not in use)]
		(O) INFORM = (additional information)
Chart Symbol		(O) NINFOM = (Refer to Section B, General Guidance)
		(O)SCAMIN = [8000]
→		(O) NTXTDS = external text file (nat. Language)
		(O) TXTDSC = external text file (English)
IENC Symbolization New symbolization should be included.		(O) SORDAT = The production date of the source, e.g. the date of measurement (O) SORIND = Information about the source of the object.