

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input checked="" type="checkbox"/> referring to lit. <b>C of section B</b> <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input type="checkbox"/> referring to page(s) (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100618, adopted 20100929		



1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
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4	Proposed text: B) m_nsys areas may not overlap. Renumber existing lit. B - F to C - G.		
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 1727.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100618, adopted with editorial amendments 20100929		

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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. B <input type="checkbox"/> Object coding of object class <input type="checkbox"/> Illustration		
4	Proposed text: Add the following Coding instruction: "B) A CANALS object may not share the same geo-spatial 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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100618, adopted 20100929		

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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> 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. <input type="checkbox"/> Illustration		
4	Proposed text: Add the attribute (C) CONDTN to the Feature Catalogue for object classes E.1 till E.3; 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 reclamation, wingless or just a planned construction the attribute CONDTN has to be used with the appropriate value.		
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. A lot of objects might be 'under construction' while producing the IENC.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		

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
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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. D <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards, amended by IEHG meeting		

e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100429, amended 20100929
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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. G.1.1 I), 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) <input type="checkbox"/> Object coding of object class <input type="checkbox"/> Illustration		
4	Proposed text: Add the following text to the Encoding Instructions G.1.1 I), 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): "All the pointers in the collection object must reference objects in the same cell."		
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 1777.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America		

	<i>(description of an other area of applicability)</i>
8	<p>Name of sender: Bernd Birkhuber</p> <p>Name of authority or company: on behalf of task force Quality Standards</p> <p>e-mail address: bernd.birkhuber@bmvit.gv.at</p> <p>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 ENC's.</p>

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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: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America <i>(description of an other area of applicability)</i>		

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): 20100726, adopted 20100929
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4	Proposed text: Change back the values of the attribute verdat 31 - 35 to the old values of IES 1.02. There should be no change in the values/meaning between edition IES 1.02 and 2.2		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Some values of the attribute verdat, concerning German waterlevels and waterlevels of the Danube Commission, have changed between IES 1.02 and IES 2.2. This causes changes in the converters and produces wrong information in the viewing software.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Ludwig Steinhuber 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, <b>not adopted</b>		

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4	Proposed text: Delete "HORACC," and ", VERACC" in Encoding instruction B) and C) Change HORCLR and VERCLR from (M) to (C)		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: The attributes HORACC and VERACC are not used in Inland ENCs and are not included in the Feature Catalogue. If we do not encode the accuracy for lock basins or bridges, there is no reason to require the information for tunnels. The use of the attributes HORCLR and VERCLR has to be changed from mandatory to conditional, because they are only encoded, if there is a navigable waterway within the tunnel (see Encoding Instruction B)		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of the task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100429, adopted with editorial amendment 20100929		

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4	Proposed text: Object Class = cblohd(L) 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 able to produce Notices to Skippers regarding overhead cables. Including the ISRS code in the IENC allows the applications to show the Notice on the appropriate location.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
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): 20100729, adopted 20100929		

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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class pipohd <input type="checkbox"/> Illustration		
4	Proposed text: Object Class = pipohd(L) 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 able to produce Notices to Skippers regarding overhead pipes. Including the ISRS code in the IENC allows the applications to show the Notice on the appropriate location.		
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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): 20100729, adopted 20100929		



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2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) G.1.9, G.3.3, G.3.4, G.3.8, G.3.12, G.3.13, G.3.14, J.1.1, N.1.3, N.1.4, N.1.5 (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class pipohd, CONVYR, convyr, CRANES, cranes, SLCONS, MORFAC, HULKES, UWTROC, uwtrroc, LIGHTS, NAVLNE, RCTLNE <input type="checkbox"/> 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 Facility (O) G.1.14 Permanently Moored Vessel or Facility (O) 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) Object Class = LIGHTS(P), Object Class = NAVLNE and Object Class = RCTLNE replace SCAMIN entry by (M) SCAMIN [EU:22000; US: 60000]		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		

6	<p>Explanation, why this amendment/change is needed:</p> <p>When scanning the SCAMIN recommendations of the IENC Encoding Guide the following inconsistencies were noted:</p> <p>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.</p> <p>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:</p> <p>MORFAC HULKES ROCKS Leading lights, Directional lights, Sector lights, NAVLNE, RCTLNE</p>
7	<p>Proposed applicability: <i>mark all applicable boxes</i></p> <p><input type="checkbox"/> US  <input checked="" type="checkbox"/> Europe (without Russia)  <input type="checkbox"/> Russia  <input type="checkbox"/> South America</p> <p><i>(description of an other area of applicability)</i></p>
8	<p>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): 20100728, adopted 20100929</p>

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>G.3.7</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class flodoc/ FLODOC <input type="checkbox"/> Illustration		
4	Proposed text: Replace header "G.3.7 Floating Dock (O)" by "G.3.7 Floating Dock (C)"  Add Encoding Instruction: E) Floating docks that are permanently moored at a fixed location must be encoded.		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Floating docks generally have a size that makes one not wanting to run into them and as such fulfill the description of item 2 of the minimum content list. The floating docks that I know of only move to go in drydock themselves like every 10-20 years or when they are sold, i.e. very similar to HULKES. However to be prepared for cases where a floating dock does not have a fixed location, I propose to make encoding of floating docks conditional.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		

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): 20100817, adopted 20100929
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1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>G.4.2</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class DAMCON, C_AGGR <input type="checkbox"/> Illustration		
4	Proposed text: Object Encoding: Object Class = DAMCON(L, A) delete items:] (M) OBJNAM = [Name] (O) NOBJNM = (Refer to Section B, General Guidance)  Insert before "Please refer to letter B": Object Encoding Object Class = C_AGGR() (M) OBJNAM = [name and/or operator/owner] (O) NOBJNM = (Refer to Section B, General Guidance) (C) unlocd = [ISRS code] (O) TXTDSC = (Refer to G) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)  Add Encoding Instruction: H) All objects which belong to a barrage must be combined to one aggregation area (C_AGGR). I) The object name of a barrage is assigned to the respective C_AGGR object using OBJNAM.		
5	Proposed picture/illustration: Attach the file to the form, please.		

	Name of file:
6	<p>Explanation, why this amendment/change is needed:</p> <p>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 appropriate location.</p>
7	<p>Proposed applicability: <i>mark all applicable boxes</i></p> <p><input checked="" type="checkbox"/> US</p> <p><input checked="" type="checkbox"/> Europe (without Russia)</p> <p><input checked="" type="checkbox"/> Russia</p> <p><input checked="" type="checkbox"/> South America</p> <p><i>(description of an other area of applicability)</i></p>
8	<p>Name of sender: Peter Kluytenaar</p> <p>Name of authority or company: Serendipity UnLtd on behalf of Rijkswaterstaat DVS</p> <p>e-mail address: p.kluytenaar@serendipity.nl</p> <p>Date (YYYYMMDD): 16/08/2010, adopted for all regions 20100929</p>

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>G.4.8</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class excnst, C_AGGR <input type="checkbox"/> Illustration		
4	Proposed text: Add: Object Encoding Object Class = C_AGGR() (M) OBJNAM = [name and/or operator/owner] (O) NOBJNM = (Refer to Section B, General Guidance) (C) unlocd = [ISRS code] (O) TXTDSC = (Refer to G) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)  Add Encoding Instruction: I) All objects which belong to an Exceptional Navigational Structure must be combined to one aggregation area (C_AGGR). J) The object name of an Exceptional Navigational Structure is assigned to the respective C_AGGR object using OBJNAM.		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: Since an Exceptional Navigational Structure may have lights, signal stations, communication areas an C_AGGR seems appropriate.		

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



1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>G.4.9</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class DAMCON, GATCON, gatcon, C_AGGR() <input type="checkbox"/> Illustration		
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]  Add: Object Encoding Object Class = C_AGGR() (M) OBJNAM = [name and/or operator/owner] (O) NOBJNM = (Refer to Section B, General Guidance) (C) unlocd = [ISRS code] (O) TXTDSC = (Refer to G) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)  Add Encoding Instruction: H) All objects which belong to a barrage must be combined to one aggregation area (C_AGGR). I) The object name of a barrage is assigned to the respective C_AGGR object using OBJNAM.		

	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 appropriate location.
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>
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	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>I.1.8</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. D <input checked="" type="checkbox"/> Object coding of object class SOUNDG <input type="checkbox"/> Illustration		
4	Proposed text: Add the following Coding instruction: "D) If the value for EXPSOU is (1) [within the range of depth of the surrounding depth area] or if EXPSOU is not used, any depth value has to be greater than DRVAL1 and less than or equal to DRVAL2 of the overlying DEPRE or DRGARE object. This must only be applied if both DRVAL1 and DRVAL2 for the overlying Group 1 object are encoded with explicit and different attribute values." Add the attribute EXPSOU to the object class SOUNDG: "(O) 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)]" Add the attribute EXPSOU to the Feature Catalogue.		
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 1768.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		

8	<p>Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@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.</p>
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1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input checked="" type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
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3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class UNSARE <input type="checkbox"/> Illustration		
4	Proposed text: Object Encoding Object Class = UNSARE(A) (C) QUASOU = (Refer to C) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)  Object Class = DEPAARE(A) (M) DRVAL1 = ["0"] (M) DRVAL2 = ["Unknown" or [x.x] (metres), e.g. 2.7] (C) QUASOU = (Refer to C) (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)  Encoding Instructions: Replace encoding instruction A) by: A) Those areas in the river, which can not be surveyed for example due to being too shallow for surveying boats and hence no depth data is available shall be coded by UNSARE. This shall only be done for areas below the specific water level, the depth in the river is referred to. For areas above this specific water level DEPAARE – DRVAL2=0 shall be used. (see I.1.6)  Delete encoding instruction B)  Renumber encoding instruction C) in B)		

5	<p>Proposed picture/illustration:          Attach the file to the form, please.          Name of file:</p>
6	<p>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.</p>
7	<p>Proposed applicability: <i>mark all applicable boxes</i></p> <p> <input checked="" type="checkbox"/> US  <input checked="" type="checkbox"/> Europe (without Russia)  <input checked="" type="checkbox"/> Russia  <input checked="" type="checkbox"/> South America         </p> <p><i>(description of an other area of applicability)</i></p>
8	<p>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</p>

# 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.

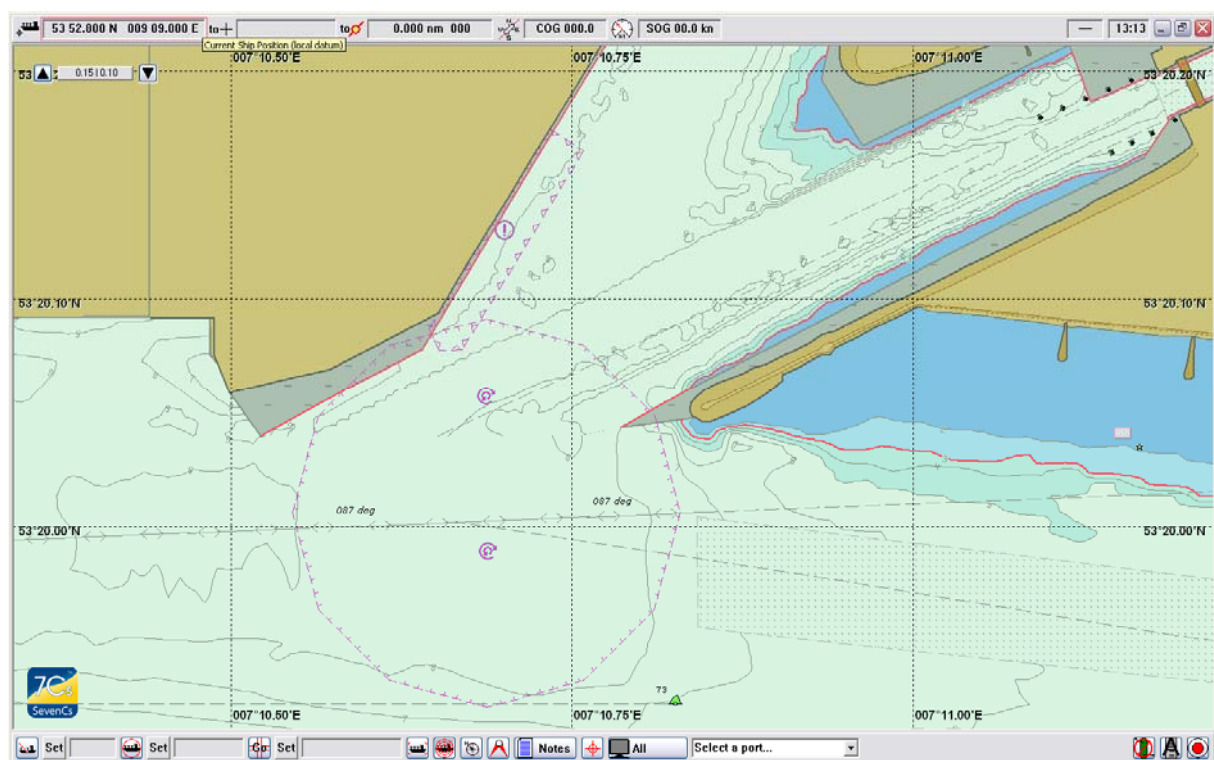
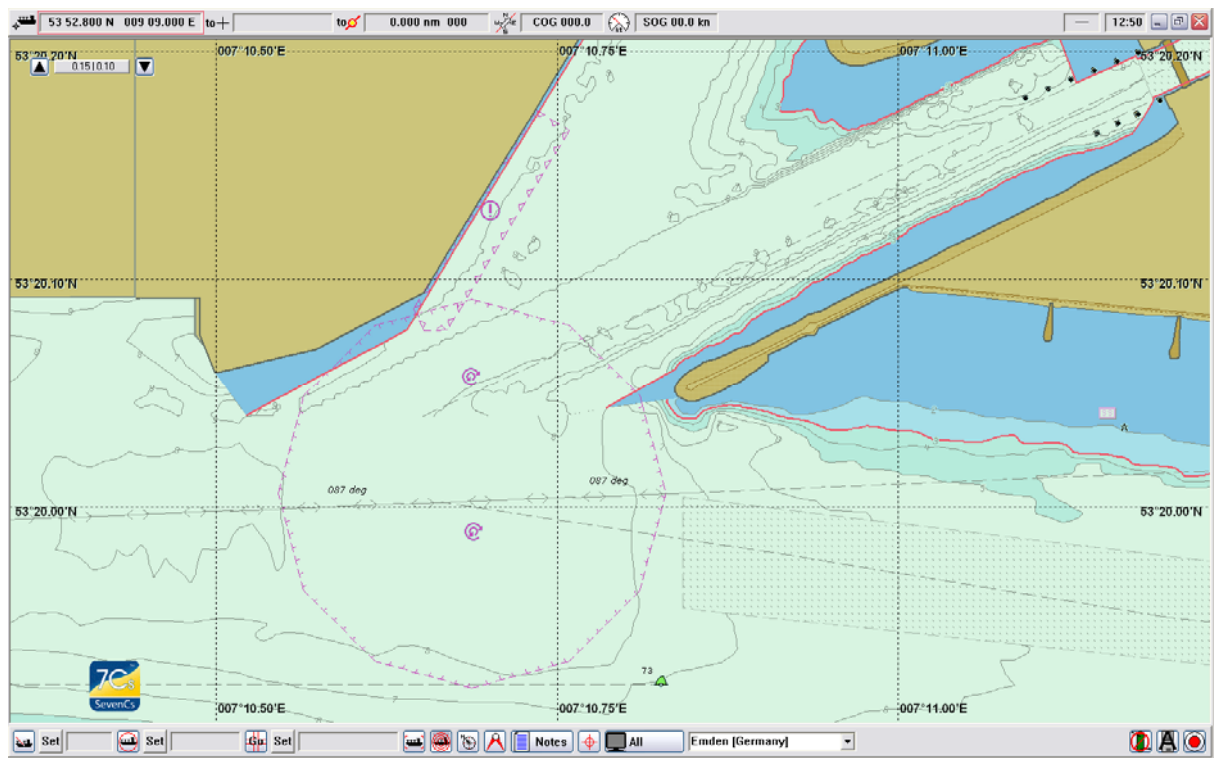
There are however reasons to reopen the discussion of how to handle unsurveyed areas.

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 DEPRE. 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.

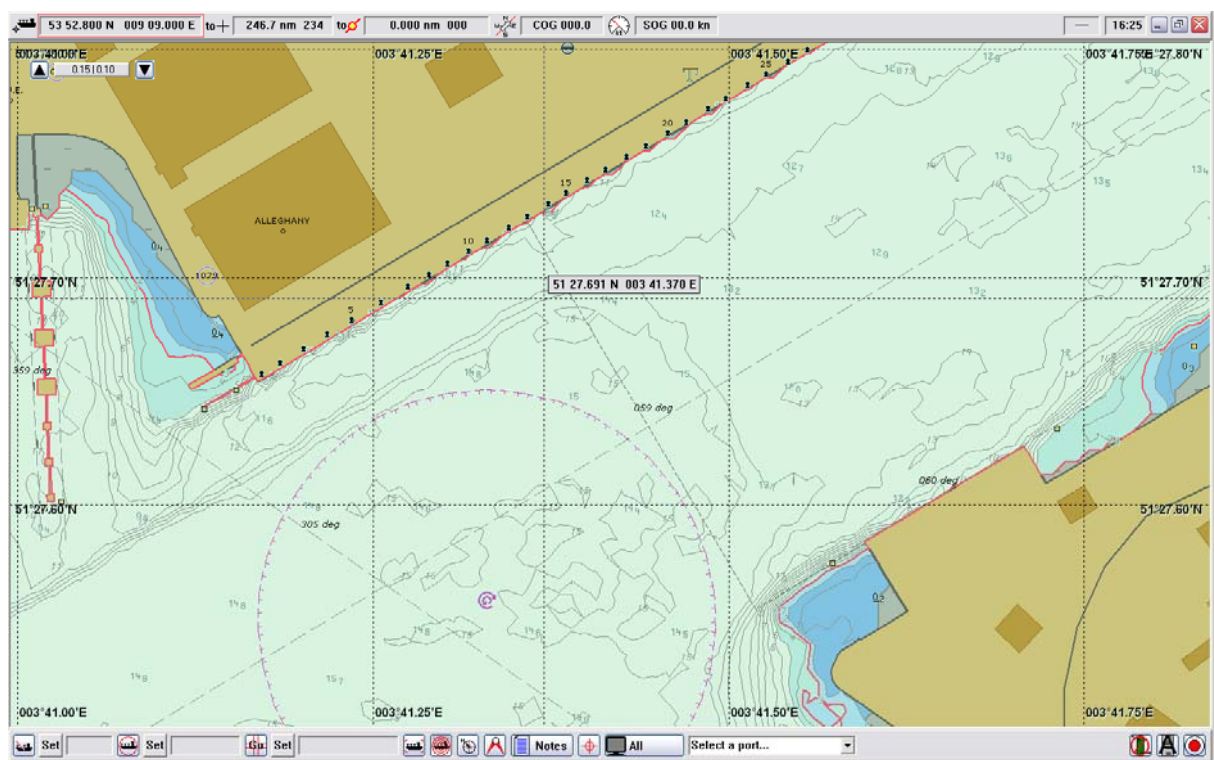
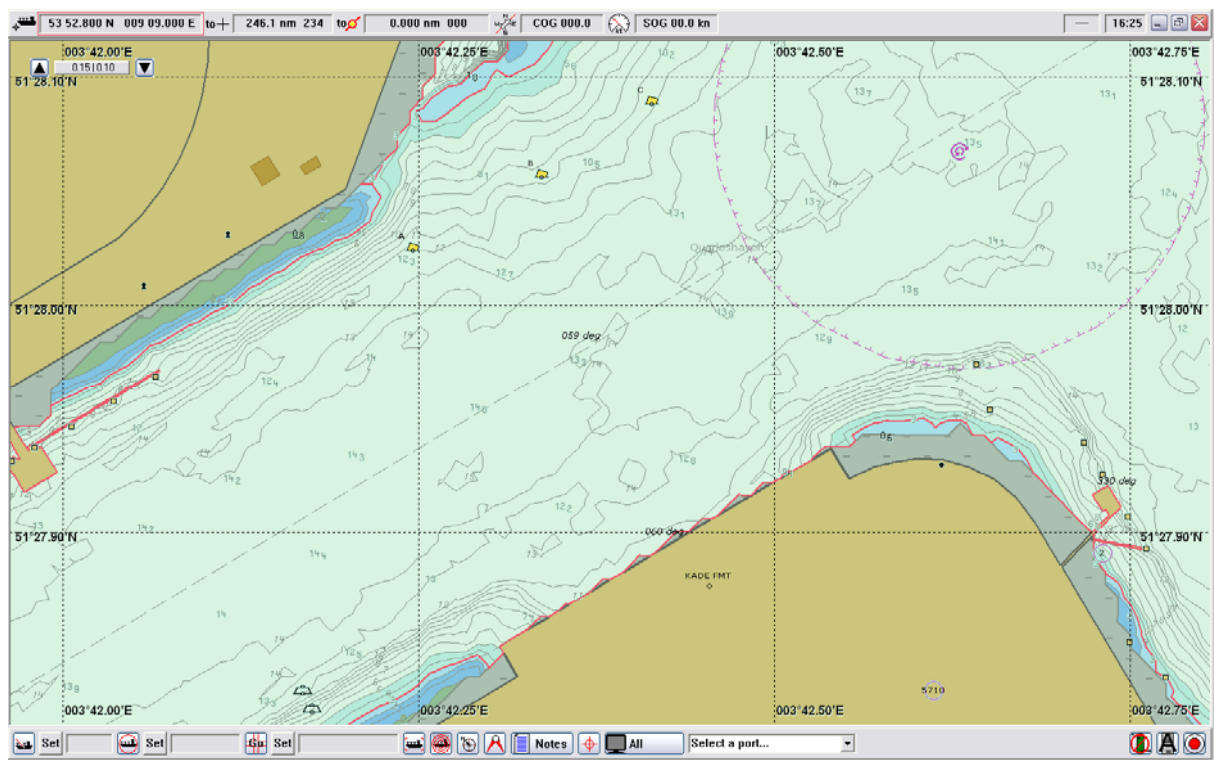


The examples on the next pages are from the IENCs that are produced by Rijkswaterstaat Zeeland. These show locations alongside quays where for whatever reason the surveys do not contain data. In the Zeeland IENCs these have been encoded with UNSARE to clearly distinguish these areas from areas where 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 DEPRE with QUASOU = 2 (depth unknown) or 8 (value reported (not surveyed)) in order to show that ships may navigate in these areas as well.





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2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>I.3.5</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input checked="" type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Ludwig Steinhuber 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 <b>not adopted</b> (some applications as for example SeeMyENC are showing the wtwprf, a picture without a profile would be useless in the EG.		

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>J.1.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. D <input type="checkbox"/> Object coding of object class <input type="checkbox"/> Illustration		
4	Proposed text: Add the following Coding instruction: "D) An UWTRC or uwtrc object may not share the same geo-spatial position with a SOUNDG 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 1641.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 18/06/2010		

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>J.2.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. E) <input type="checkbox"/> Object coding of object class <input type="checkbox"/> Illustration		
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, please. Name of file:		
6	Explanation, why this amendment/change is needed: Alignment with S-57		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 29/04/2010		



1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>J.3.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. O) <input type="checkbox"/> Object coding of object class <input type="checkbox"/> Illustration		
4	Proposed text: O) Where a OBSTRN area includes other OBSTRN point objects, the encoded values of the attributes 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, please. Name of file:		
6	Explanation, why this amendment/change is needed: Alignment with S-57		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 20100429, adopted 20100929		



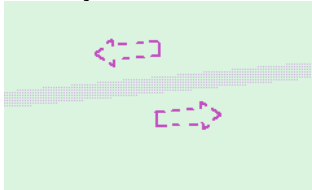


## L.1 Tracks

### 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).

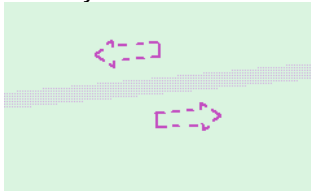
Graphics	Encoding Instructions	Object Coding
<p><i>Real World</i></p> <p><i>Chart Symbol</i></p> <p>QuickTime™ and a decompressor are needed to see this picture.</p> <p><i>IENC Symbolization</i></p> 	<p>A) If a structured external XML-file with more detailed communication information is available, the reference to the file has to be entered in the TXTDSC attribute.</p> <p>B) Use STATUS if any of the conditions apply.</p>	<p><b>Object Encoding</b></p> <p>Object Class = TSEZNE (A)</p> <p>(M) CATTSS = [1 (IMO - adopted), 2 (non IMO - adopted)]</p> <p>(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(C) STATUS = [3 (recommended), 4 (mandatory)]</p> <p>(O) INFORM = (additional information)</p> <p>(O) NINFOM = (Refer to Section B, General Guidance)</p> <p>(C) TXTDSC = (Refer to A)</p> <p>(M) SCAMIN = [EU: 260000]</p> <p>(C) SORDAT = [YYYYMMDD]</p> <p>(C) SORIND = (Refer to Section B, General Guidance)</p>



## 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)


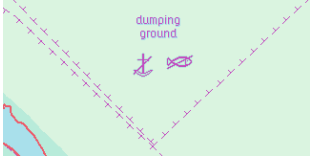
Graphics	Encoding Instructions	Object Coding
<p><i>Real World</i></p> <p><i>Chart Symbol</i></p> <p><small>QuickTime™ and a decompressor are needed to see this picture.</small></p> <p><i>IENC Symbolization</i></p> 	<p>C) Use STATUS if any of the conditions apply.</p>	<p><b>Object Encoding</b></p> <p>Object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

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input type="checkbox"/> referring to page(s) (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input checked="" type="checkbox"/> for a new page in section <b>M.4</b> (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on  page 2 and continue  with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: There are some dumping grounds on the inland waterways, which need to be encoded to make skippers aware of them.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America  <i>(description of an other area of applicability)</i>		
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): 09/08/2010		

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

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input type="checkbox"/> referring to page(s) (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input checked="" type="checkbox"/> for a new page in section <b>M.4</b> (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on  page 2 and continue  with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: There are quite a few mussel and oyster marine farms/cultures on some of the inland waterways, which need to be encoded to make skippers aware of them.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America  <i>(description of an other area of applicability)</i>		
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): 12/08/2010		

## 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
<p><i>Real World</i></p>  <p><i>Chart Symbol</i></p> <p>QuickTime™ and a decompressor are needed to see this picture.</p> <p><i>IENC Symbolization</i></p> 	<p>E) EXPSOU, VALSOU and WATLEV must be encoded for all MARCUL objects if they are under water.</p> <p>F) If VALSOU is provided SOUACC and verdat should also be provided</p> <p>G) Use STATUS if any of the conditions apply.</p>	<p><b>Object Encoding</b></p> <p>Object Class = MARCUL (P,L,A)</p> <p>(M) CATCUL = 1 [crustaceans], 2 [oysters/mussels], 3 [fish], 4 [seaweed]</p> <p>(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) PERSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) PEREND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(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)]</p> <p>(C) VALSOU = [sxxxxx.xx] (s: sign, negative values only)</p> <p>(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))]</p> <p>(C) SOUACC = [xx.x]</p> <p>(C) STATUS = [2 (occasional, seasonal), 4 (not in use)]</p> <p>(C) WATLEV = [1 (partly submerged at high water), 2 (always dry), 3 (always under water/submerged), 4 (covers and uncovers), 5 (awash), 7 (floating)]</p> <p>(O) OBJNAM = [Name]</p> <p>(O) NOBJNM = (Refer to Section B, General Guidance)</p> <p>(O) INFORM = (additional information)</p> <p>(O) NINFOM = (Refer to Section B, General Guidance)</p> <p>(M) SCAMIN = [260000]</p> <p>(C) SORDAT = [YYYYMMDD]</p> <p>(C) SORIND = (Refer to Section B, General Guidance)</p>

1	<b>Encoding Guide</b> <b>Request for</b> <input type="checkbox"/> <b>an amendment</b> (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) <input checked="" type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>N.1.3</b> (e.g.: C. 1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E. 1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class RECTRC <input type="checkbox"/> Illustration		
4	Proposed text: RECTRC: Replace RECTRC() by RECTRC(L)		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: The "L" to indicate a line object was missing.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
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): 17/08/2010		



1	<b>Encoding Guide Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	<b>Sections A and B</b>  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	<b>Sections C to U</b>  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>O.1.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	<b>Section V to Z and Annexes AA and AB</b>  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class TOPMAR <input type="checkbox"/> Illustration		
4	Proposed text: TOPMAR: (M) TOPSHP = [1 (cone, up), 3 (sphere), 5 (cylinder, can)]		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: The sphere top mark was somehow overlooked when drafting the EG entry for bifurcation buoys, whereas SIGNI specifically mentions a sphere topmark for bifurcation buoys.		
7	Proposed applicability: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
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): 26/07/2010		

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>O.1.1, O.1.5</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input checked="" type="checkbox"/> Coding instruction lit. O.1.1 D), O.1.5 I) <input type="checkbox"/> Object coding of object class <input type="checkbox"/> 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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
8	Name of sender: Bernd Birkhuber Name of authority or company: on behalf of task force Quality Standards e-mail address: bernd.birkhuber@bmvit.gv.at Date (YYYYMMDD): 18/06/2010		



1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>O.3.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on          page 2 and continue          with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class notmrk <input type="checkbox"/> 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:		
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: <i>mark all applicable boxes</i> <input checked="" type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input checked="" type="checkbox"/> Russia <input checked="" type="checkbox"/> South America  <i>(description of an other area of applicability)</i>		
8	Name of sender: Ludwig Steinhuber 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 supported by IEHG meeting, deadline for vetoes <b>20101008</b>		

1	<b>Encoding Guide</b> <b>Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	Sections A and B  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	Sections C to U  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>Q.2.1</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on page 2 and continue with 6 on this page)</i>	Section V to Z and Annexes AA and AB  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class rdocal <input type="checkbox"/> 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:		
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 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: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America <i>(description of an other area of applicability)</i>		
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	<b>Encoding Guide Request for</b> <input checked="" type="checkbox"/> <b>an amendment</b> (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) <input type="checkbox"/> <b>a change</b> (e.g. replacing a picture, illustration or an already existing text) <input checked="" type="checkbox"/> <b>the proposed change affects the Feature Catalogue</b>		
2	<b>Sections A and B</b>  This is a request <input type="checkbox"/> referring to lit. <input type="checkbox"/> for a new lit.  <i>(Continue with 4)</i>	<b>Sections C to U</b>  This is a request <input checked="" type="checkbox"/> referring to page(s) <b>R.2.1, R.2.2, R.2.3, R.2.4</b> (e.g.: C.1.5) of the Encoding Guide <i>(Continue with 3)</i> <input type="checkbox"/> for a new page in section (e.g.: E.1) of the Encoding Guide <i>(Add the proposal on              page 2 and continue              with 6 on this page)</i>	<b>Section V to Z and Annexes          AA and AB</b>  This is a request referring to section  <i>(Continue with 4)</i>
3	<input type="checkbox"/> Definition <input type="checkbox"/> Picture: <input type="checkbox"/> real world <input type="checkbox"/> paper chart <input type="checkbox"/> IENC <input type="checkbox"/> Coding instruction lit. <input checked="" type="checkbox"/> Object coding of object class sistat <input type="checkbox"/> Illustration		
4	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: <i>mark all applicable boxes</i> <input type="checkbox"/> US <input checked="" type="checkbox"/> Europe (without Russia) <input type="checkbox"/> Russia <input type="checkbox"/> South America  <i>(description of an other area of applicability)</i>		
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		





R- Services		
R.3. Rescue station		
A place at which life saving equipment is held.		
Graphics	Encoding Instructions	Object Coding
<p><i>Real World</i></p>  <p><i>Chart Symbol</i></p>  <p><i>IENC Symbolization</i> New symbolization should be included.</p>	<p>None as all attributes are optional; there are no attributes mandatory for RSCSTA.</p>	<p><b><u>Object Encoding</u></b></p> <p>Object Class = RSCSTA (P)</p> <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</p> <p>(O) DATEND == (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) PERSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) PEREND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND)</p> <p>(O) OBJNAM = [Name]</p> <p>(O) NOBJNM = (Refer to Section B, General Guidance)</p> <p>(O) STATUS = [2 (occasional, seasonal), 4 (not in use)]</p> <p>(O) INFORM = (additional information)</p> <p>(O) NINFOM = (Refer to Section B, General Guidance)</p> <p>(O) SCAMIN = [8000]</p> <p>(O) NTXTDS = external text file (nat. Language)</p> <p>(O) TXTDSC = external text file (English)</p> <p>(O) SORDAT = The production date of the source, e.g. the date of measurement</p> <p>(O) SORIND = Information about the source of the object.</p>