0	**Title:** Radar line **Version:** 0		
1	**Encoding Guide Edition 2.4 Request for:** ☐ **an addition** (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) ☒ **an addition/change that affects the Feature Catalogue (edition 2.4)**		
2	Sections A and B This is a request ☐ referring to lit. ☐ for a new lit. *(Continue with 4 on this page)*	Sections C to U This is a request ☐ referring to page(s) *(e.g.: C.1.5)* of the Encoding Guide *(Continue with 3 on this page)* ☒ for a new page in section L *(e.g.: E.1)* of the Encoding Guide *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*	Section V to Z and Annexes AA to AF This is a request ☐ referring to section *(Continue with 4 on this page)* ☐ for a new Annex *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*
3	☐ Definition ☐ Picture: ☐ real world ☐ paper chart ☐ IENC ☐ Coding instruction lit. ☐ Object coding of object class ☐ Illustration		
4	Proposed addition/change:		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: The Netherlands would like to encode the feature Radar Line RADLNE		
7	Proposed amendments to the Feature Catalogue: add Hydro feature RADLNE <mark>with all attributes and enumerations?</mark>		
8	Proposed amendments to the Inland ENC domain in the S-100 registry:		
9	Proposed amendments to the Recommended Validation Checks for IENCs: <mark> </mark>		
10	Proposed applicability: *mark all applicable boxes* ☐ <mark>US</mark> ☒ Europe (without Russia) ☐ <mark>Russia</mark> ☐ <mark>South America</mark> ☐ <mark>Asia</mark> *(description of an other area of applicability, e.g. a country)*		
11	Name of sender: Pieta Kluytenaar Name of authority or company: Serendipity UnLtd / Rijkswaterstaat e-mail address: pieta@serendipity.nl Date *(YYYYMMDD):* 20150922		Deadline for comments 20160212 (6 weeks) To be filled in by a member of the Core Group: ☐ Proposal adopted/ ☐ Proposal rejected Will become part of edition <mark> </mark> of the EG.

The file name should start with "CR_", followed by a reference to a page of the EG or the content and include the year. (Examples: CR_H_1_2_2010.doc or CR_bridges_2010.doc)
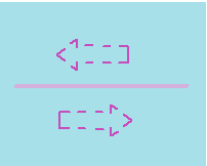
L.1.6 Radar line (O)

A track along which ships may be guided by coastal radar stations in the event of bad visibility. Also known as a radar guided track. (IHO Dictionary, S-32, 5th Edition, 4146).

Graphics	Encoding Instructions	Object Encoding
Real World *Chart Symbol* ———————— Ra ———————— *IENC Symbolization* 270 deg ▬ ▬ ▬ ▬ ▬ ▬	A) If it is required to encode a radar reference line, it must be done using the object class **RADLNE**. B) ORIENT - value of the bearing from seaward	**Object Encoding** **Object Class** = RADLNE (L) (O) OBJNAM = [name and/or operator/owner] (O) NOBJNM = (Refer to Section B, General Guidance) (M)) ORIENT = [xxx or (UNKNOWN)] (degree (°)), e.g., 110 (C) INFORM = (Refer to letter A) (C) NINFOM = (Refer to Section B, General Guidance) (M) SCAMIN = [45000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

Inland ENC Harmonization Group

Change Request (CR)

0	**Title:** TSS - Recommended Lane Part **Version:** 0		
1	**Encoding Guide Edition** 2.4 **Request for:** ☐ **an addition** (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) ☒ **an addition/change that affects the Feature Catalogue (edition** 2.4**)**		
2	Sections A and B This is a request ☐ referring to lit. ☐ for a new lit. *(Continue with 4 on this page)*	Sections C to U This is a request ☐ referring to page(s) *(e.g.: C.1.5)* of the Encoding Guide *(Continue with 3 on this page)* ☒ for a new page in section L.1 *(e.g.: E.1)* of the Encoding Guide *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*	Section V to Z and Annexes AA to AF This is a request ☐ referring to section *(Continue with 4 on this page)* ☐ for a new Annex *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*
3	☐ Definition ☐ Picture: ☐ real world ☐ paper chart ☐ IENC ☐ Coding instruction lit. ☐ Object coding of object class ☐ Illustration		
4	Proposed addition/change: see new page		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file:		
6	Explanation, why this amendment/change is needed: China would like to be able to encode Recommended traffic lane parts		
7	Proposed amendments to the Feature Catalogue: Add Hydro feature RCTLPT to the feature catalogue with all attributes and enumerations?		
8	Proposed amendments to the Inland ENC domain in the S-100 registry:		
9	Proposed amendments to the Recommended Validation Checks for IENCs:		
10	Proposed applicability: *mark all applicable boxes* ☐ US ☒ Europe (without Russia) ☐ Russia ☐ South America ☒ Asia *(description of another area of applicability, e.g. a country)*		
11	Name of sender: Pieta Kluytenaar Name of authority or company: Serendipity UnLtd e-mail address: pieta@serendipity.nl Date *(YYYYMMDD):* 20151022	Deadline for comments 20160212 (6 weeks) To be filled in by a member of the Core Group: ☐ Proposal adopted/ ☐ Proposal rejected Will become part of edition ____ of the EG.	

The file name should start with "CR_", followed by a reference to a page of the EG or the content, its version (vX_) and include the year (YYYY).
Example: CR_H_1_2_v0_2015.docx

L - Tracks, Routes

L.1 Tracks

L.1.7 Recommended traffic lane part (O)

A recommended traffic lane part is an area of a recommended direction of traffic control area within which traffic flow is generally along one bearing. (IHO Definition)

Graphics	Encoding Instructions	Object Encoding
Real World *Chart Symbol* *IENC Symbolization* 	A) When the area is not defined, a point feature should be encoded. B) The orientation of the recommended traffic lane part is defined by the centreline of the part and is related to the general direction of traffic flow in the recommended traffic lane.	**Object Encoding** **Object Class = RCTLPT (P,A)** (M) ORIENT = [xxx.xx (degrees), e.g. 246.7 for an orientation of 246.7 degrees] O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (C) STATUS = [3 (recommended), 4 (mandatory)] (O) INFORM = (additional information) (O) NINFOM = (Refer to Section B, General Guidance) (C) TXTDSC = (Refer to letter A) (M) SCAMIN = [EU: 260000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

Opmerking [BB1]: Refer to section B, General Guidance, J …

Change Request (CR)

0	**Title:** TSS - Traffic separation scheme boundary
	Version: 0

1	**Encoding Guide Edition** 2.4 **Request for:**
	☐ **an addition** (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)
	☒ **an addition/change that affects the Feature Catalogue (edition** 2.4**)**

2	Sections A and B	Sections C to U	Section V to Z and Annexes AA to AF
	This is a request	This is a request	This is a request
	☐ referring to lit.	☐ referring to page(s) *(e.g.: C.1.5)* of the Encoding Guide *(Continue with 3 on this page)*	☐ referring to section *(Continue with 4 on this page)*
	☐ for a new lit.	☒ for a new page in section L.1 *(e.g.: E.1)* of the Encoding Guide *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*	☐ for a new Annex *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*
	(Continue with 4 on this page)		

3	☐ Definition
	☐ Picture: ☐ real world ☐ paper chart ☐ IENC
	☐ Coding instruction lit.
	☐ Object coding of object class
	☐ Illustration

4	Proposed addition/change:
	see new page

5	Proposed picture/illustration:
	Attach the file to the form, please. Name of file:

6	Explanation, why this amendment/change is needed:
	China would like to be able to encode Traffic separation scheme boundaries

7	Proposed amendments to the Feature Catalogue: Add Hydro feature TSSBND to the feature catalogue with all attributes and enumerations?

8	Proposed amendments to the Inland ENC domain in the S-100 registry:

9	Proposed amendments to the Recommended Validation Checks for IENCs:

10	Proposed applicability: *mark all applicable boxes*
	☐ US
	☒ Europe (without Russia)
	☐ Russia
	☐ South America
	☒ Asia
	(description of another area of applicability, e.g. a country)

11	Name of sender: Pieta Kluytenaar	Deadline for comments 20160212 (6 weeks)
	Name of authority or company: Serendipity UnLtd	To be filled in by a member of the Core Group:
	e-mail address: pieta@serendipity.nl	☐ Proposal adopted/ ☐ Proposal rejected
	Date *(YYYYMMDD):* 20151027	Will become part of edition of the EG.

This page is an optional part of the Change Request

L - Tracks, Routes

L.1 Tracks

L.1.8 Traffic separation scheme boundary (O)

The outer limit of a traffic lane part or a traffic separation scheme roundabout. (S-57 Edition 3.1, Appendix A – Chapter 1, Page 1.185, November 2000).

Graphics	Encoding Instructions	Object Encoding
Real World *Chart Symbol* *IENC Symbolization*	A) Traffic Separation Scheme Boundary must not be used to encode the boundary between a traffic separation scheme lane or roundabout and a traffic separation zone; or a traffic separation zone and an inshore traffic zone.	**Object Encoding** **Object Class = TSSBND (L)** (M) CATTSS = [1 (IMO - adopted), 2 (not IMO-adopted)] O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (C) STATUS = [1 (permanent), 3 (recommended), 9 (mandatory), 28 (buoyed)] (O) INFORM = (additional information) (O) NINFOM = (Refer to Section B, General Guidance) (C) TXTDSC = (Refer to letter A) (M) SCAMIN = [EU: 260000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

Opmerking [BB1]: Are there IMO adopted TSS on inland waterways?

Opmerking [BB2]: Refer to section B, General Guidance, J …

Inland ENC Harmonization Group

Change Request (CR)

0	**Title:** TSS - Traffic separation scheme crossing
	Version: 0

1	**Encoding Guide Edition** 2.4 **Request for:**
	☐ **an addition** (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)
	☒ **an addition/change that affects the Feature Catalogue (edition** 2.4**)**

2	Sections A and B	Sections C to U	Section V to Z and Annexes AA to AF
	This is a request	This is a request	This is a request
	☐ referring to lit.	☐ referring to page(s) *(e.g.: C.1.5)* of the Encoding Guide *(Continue with 3 on this page)*	☐ referring to section *(Continue with 4 on this page)*
	☐ for a new lit.	☒ for a new page in section L.1 *(e.g.: E.1)* of the Encoding Guide *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*	☐ for a new Annex *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*
	(Continue with 4 on this page)		

3	☐ Definition
	☐ Picture: ☐ real world ☐ paper chart ☒ IENC
	☐ Coding instruction lit.
	☐ Object coding of object class
	☐ Illustration

4	Proposed addition/change:

5	Proposed picture/illustration:
	Attach the file to the form, please. Name of file:

6	Explanation, why this amendment/change is needed:
	China would like to be able to encode Traffic separation scheme crossings

7	Proposed amendments to the Feature Catalogue: Add Hydro feature TSSCRS to the feature catalogue with all attributes and enumerations?

8	Proposed amendments to the Inland ENC domain in the S-100 registry:

9	Proposed amendments to the Recommended Validation Checks for IENCs:

10	Proposed applicability: *mark all applicable boxes*
	☐ US
	☒ Europe (without Russia)
	☐ Russia
	☐ South America
	☒ Asia
	(description of another area of applicability, e.g. a country)

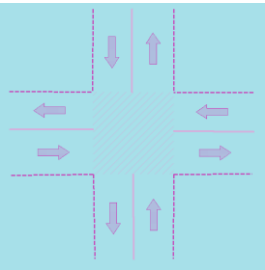| 11	Name of sender: Pieta Kluytenaar	Deadline for comments 20160212 (6 weeks)
	Name of authority or company: Serendipity UnLtd	To be filled in by a member of the Core Group:
	e-mail address: pieta@serendipity.nl	☐ Proposal adopted/ ☐ Proposal rejected
	Date *(YYYYMMDD):* 20151027	Will become part of edition of the EG.

The file name should start with "CR_", followed by a reference to a page of the EG or the content, its version (vX_) and include the year (YYYY).
Example: CR_H_1_2_v0_2015.docx

This page is an optional part of the Change Request
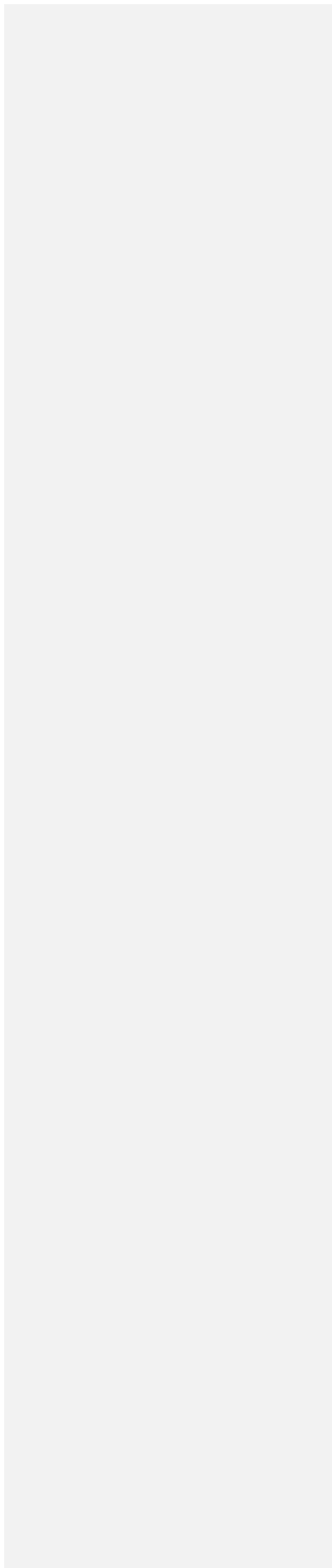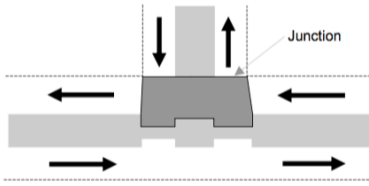
L - Tracks, Routes

L.1 Tracks

L.1.9 Traffic separation scheme crossing (O)

A defined area where traffic lanes cross. (S- 57 Edition 3.1, Appendix A – Chapter 1, Page 1.186, November 2000).

Graphics	Encoding Instructions	Object Encoding
Real World *Chart Symbol* *IENC Symbolization* 	A) The feature Traffic Separation Scheme Crossing must only be used to encode the area where at least four traffic lanes cross. B) Junctions other than crossings and roundabouts should be encoded using the feature Traffic Separation Scheme Lane Part. C) A Traffic Separation Scheme Crossing feature must not overlap a Traffic Separation Zone feature at its centre.	**Object Encoding** **Object Class = TSSCRS (A)** (M) CATTSS = [1 (IMO - adopted), 2 (not IMO-adopted)] (C) RESTRN = [1 (anchoring prohibited), 2 (anchoring restricted), 3 (fishing prohibited), 4 (fishing restricted), 5 (trawling prohibited), 6 (trawling restricted),)7 (entry prohibited), 8 (entry restricted), 9 (dredging prohibited), 10 (dredging restricted), 11, (diving prohibited), 12 (diving restricted), 13 (no wake), 16 (discharging prohibited), 17 (discharging restricted), 18 (industrial or mineral exploration/development prohibited), 19 (industrial or mineral exploration/development restricted), 20 (drilling prohibited), 21 (drilling restricted), 22 (removal of historical artefacts prohibited), 23 (cargo transshipment (lightening) prohibited), 24 (dragging prohibited), 25 (stopping prohibited), 27 (speed restricted)] O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (C) STATUS = [1 (permanent), 3 (recommended), 6 (reserved), 9 (mandatory)] (O) INFORM = (additional information) (O) NINFOM = (Refer to Section B, General Guidance) (C) TXTDSC = (Refer to letter A) (M) SCAMIN = [EU: 260000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

Opmerking [BB1]: Are there IMO adopted TSS on inland waterways?

Opmerking [BB2]: Refer to Section B, General Guidance, J …

Junction

Inland ENC Harmonization Group

Change Request (CR)

0	**Title:** TSS - Traffic separation scheme lane part **Version:** 0		
1	**Encoding Guide Edition** 2.4 **Request for:** ☐ **an addition** (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) ☒ **an addition/change that affects the Feature Catalogue (edition** 2.4**)**		
2	Sections A and B This is a request ☐ referring to lit. ☐ for a new lit. *(Continue with 4 on this page)*	Sections C to U This is a request ☐ referring to page(s) *(e.g.: C.1.5)* of the Encoding Guide *(Continue with 3 on this page)* ☒ for a new page in section L.1 *(e.g.: E.1)* of the Encoding Guide *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*	Section V to Z and Annexes AA to AF This is a request ☐ referring to section *(Continue with 4 on this page)* ☐ for a new Annex *(Continue with 6 on this page and add the proposal on page 2 after removing form protection)*
3	☐ Definition ☐ Picture: ☐ real world ☐ paper chart ☒ IENC ☐ Coding instruction lit. ☐ Object coding of object class ☒ Illustration		
4	Proposed addition/change: see new page		
5	Proposed picture/illustration: Attach the file to the form, please. Name of file: Junction.png		
6	Explanation, why this amendment/change is needed: China would like to be able to encode Traffic separation scheme lane parts		
7	Proposed amendments to the Feature Catalogue: Add Hydro feature TSSLPT to the feature catalogue with all attributes and enumerations?		
8	Proposed amendments to the Inland ENC domain in the S-100 registry:		
9	Proposed amendments to the Recommended Validation Checks for IENCs: Add TSSLPT with allowed attribute values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18,19, 20, ,21, 22, 23, 24, 25, 27 to RESARE		
10	Proposed applicability: *mark all applicable boxes* ☐ US ☒ Europe (without Russia) ☐ Russia ☐ South America ☒ Asia *(description of another area of applicability, e.g. a country)*		
11	Name of sender: Pieta Kluytenaar Name of authority or company: Serendipity UnLtd e-mail address: pieta@serendipity.nl Date *(YYYYMMDD):* 20160106	Deadline for comments 20160217 (6 weeks) To be filled in by a member of the Core Group: ☐ Proposal adopted/ ☐ Proposal rejected Will become part of edition ☐ of the EG.	

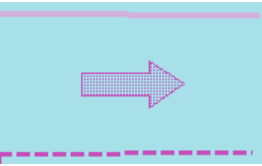**Opmerking [BB1]:** Other S-63 checks?

The file name should start with "CR_", followed by a reference to a page of the EG or the content, its version (vX_) and include the year (YYYY).
Example: CR_H_1_2_v0_2015.docx

L - Tracks, Routes

L.1 Tracks

L.1.10 Traffic separation scheme lane part (O)

A traffic separation scheme lane part is an area of a traffic lane in which the direction of flow of traffic is generally along one bearing. (Adapted from S-57 Edition 3.1, Appendix A – Chapter 1, Page 1.187, November 2000).

Graphics	Encoding Instructions	Object Encoding
Real World *Chart Symbol* *IENC Symbolization* 	A) The attribute ORIENT is mandatory for all Traffic Separation Scheme Lane Part features, unless the part is a junction. B) At junctions, other than crossings and roundabouts, a separate Traffic Separation Scheme Lane Part feature must be encoded. For this feature, the complex attribute orientation must be omitted, in order to avoid implying that one lane has priority over another. Warning text may be encoded using the complex attributes information or textual description. C) The orientation of the traffic separation scheme lane part is defined by the centreline of the part and is related to the general direction of traffic flow in the traffic separation lane.	**Object Encoding** **Object Class = TSSLPT (L)** (O) CATTSS = [1 (IMO - adopted), 2 (not IMO-adopted)] (C) ORIENT = [xxx.xx (degrees), e.g. 246.7 for an orientation of 246.7 degrees] (C) RESTRN = [1 (anchoring prohibited), 2 (anchoring restricted), 3 (fishing prohibited), 4 (fishing restricted), 5 (trawling prohibited), 6 (trawling restricted),)7 (entry prohibited), 8 (entry restricted), 9 (dredging prohibited), 10 (dredging restricted), 11, (diving prohibited), 12 (diving restricted), 13 (no wake), 16 (discharging prohibited), 17 (discharging restricted), 18 (industrial or mineral exploration/development prohibited), 19 (industrial or mineral exploration/development restricted), 20 (drilling prohibited), 21 (drilling restricted), 22 (removal of historical artefacts prohibited), 23 (cargo transshipment (lightening) prohibited), 24 (dragging prohibited), 25 (stopping prohibited), 27 (speed restricted)] O) DATSTA = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (O) DATEND = (Refer to Section J, DATSTA, DATEND, PERSTA and PEREND) (C) STATUS = [1 (permanent), 3 (recommended), 6 (reserved), 9 (mandatory), 28 (buoyed)] (O) INFORM = (additional information) (O) NINFOM = (Refer to Section B, General Guidance) (C) TXTDSC = (Refer to letter A) (M) SCAMIN = [EU: 260000] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)

Opmerking [BB2]: Are there IMO adopted TSS on inland waterways?

Opmerking [BB3]: Refer to Section B, Gneneral Guidance, J …