IHO PUBLICATION S-52 APPENDIX 2

ADDENDUM TO ANNEX A, PART I, USERS´ MANUAL

EDITION 3.4 (2008)

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PAPER BASED DESCRIPTION OF SYMBOLS
FOR USE ON ECDIS
IHO Publication S-52 Appendix 2

ADDENDUM TO ANNEX A, PART I, USERS’ MANUAL (2008)

EDITION 3.4

PAPER BASED DESCRIPTION OF SYMBOLS FOR USE ON ECDIS

1. Point Symbols and Centered Area Symbols
2. Complex Linestyles
3. Area Pattern

Notes: A full explanation of application and use of the described symbols of the ECDIS symbol library can be found in the S-52 Presentation Library, Appendix 2, Annex A, Part I, Users' Manual in section 14.
1. Point Symbols and Centered Area Symbols
Symbol Name: SY(ACHARE02)  RN: 1

Symbol Explanation: anchorage area as a point at small scale, or anchor points of mooring trot at large scale

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.06
Pivot Point Row: 2.63
Width of Bounding Box: 4.02
Height of Bounding Box: 5.03

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHARE</td>
<td>N 10, N 12.1-9</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>Q 42</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ACHARE51)  RN: 2

Symbol Explanation: anchorage area

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.29
Pivot Point Row: 7.79

Width of Bounding Box: 12.29
Height of Bounding Box: 13.04

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHARE (centred symbol)</td>
<td>N 12.1-9</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ACHBRT07)  RN: 3

Symbol Explanation: designated anchor berth for a single vessel

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.54
Pivot Point Row: 2.79

Width of Bounding Box: 5.06
Height of Bounding Box: 5.06

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm
Circle diameter 2.02 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHBRT</td>
<td>N 11.1, 11.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ACHRES51)

Symbol Explanation: area where anchoring is prohibited or restricted

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation B,
CSP RESCSP02 Continuation B

Pivot Point Column: -6.40
Pivot Point Row: -5.13

Width of Bounding Box: 12.29
Height of Bounding Box: 13.04

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm / 0.9 mm
Other symbol dimensions like SY(ACHARE51)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 20</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ACHRES61)

Symbol Explanation: area where anchoring is prohibited or restricted, with other cautions

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation B, CSP RESCSP02 Continuation B

Pivot Point Column: -6.40
Pivot Point Row: -5.13

Width of Bounding Box: 14.35
Height of Bounding Box: 13.04

Symbol Colours:

- CHMGF
- CHMGD

Comments:
Line weight 0.3mm / 0.9 mm;
Other symbol dimensions like SY(ACHRES51);
The “!” at bottom right indicates that further cautions are available about the nature of the restriction.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>RESARE</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N 20</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(ACHRES71)  RN: 6

Symbol Explanation: area where anchoring is prohibited or restricted, with other information

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation B,
CSP RESCSP02 Continuation B

Pivot Point Column: -4.22
Pivot Point Row: -5.13

Width of Bounding Box: 14.47
Height of Bounding Box: 13.04

Symbol Colours: □ CHMGF
□ CHMGD

Comments: Line weight 0.3 mm / 0.9 mm;
Other symbol dimensions like SY(ACHRES51);
The “i” at bottom left indicates that further information is available about the nature of the restriction.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 20</td>
</tr>
</tbody>
</table>
Symbol Name: SY(AIRARE02)  

Symbol Explanation: symbol for airport as a point
Look up table affected: paper chart point symbols simplified point symbols
Pivot Point Column: 3.98  
Pivot Point Row: 3.98
Width of Bounding Box: 7.96  
Height of Bounding Box: 7.96

Symbol Colours: LANDF

Comments: Line weight 0.3 mm  
Circle diameter 7.96 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Standards</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>AIRARE</td>
<td>D 17</td>
</tr>
</tbody>
</table>
Symbol Name: SY(AISATN02)  
RN: 588

Symbol Explanation: AIS based aid to navigation

Look up table affected: N/A

Called by CSP etc.: CSP VESSEL02

Pivot Point Column: 3.00
Pivot Point Row: 3.00

Width of Bounding Box: 6.00
Height of Bounding Box: 6.00

Symbol Colours: RESBL

Comments: Diamond line weight 0.3 mm; Cross line weight 0.3 mm

Examples on ENC: N/A

References: IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004  
IEC 62288 Ed.1

S57 INT 1
Symbol Name: SY(AISDGR02)  RN: 579

Symbol Explanation: dangerous AIS target
Look up table affected: N/A
Called by CSP etc.: CSP VESSEL02
Pivot Point Column: 2.50
Pivot Point Row: 2.25
Width of Bounding Box: 5.00
Height of Bounding Box: 7.50

Symbol Colours: 

Comments: Point diameter 0.6 mm; line weight 0.9 mm
Examples on ENC: N/A
References: IEC 62288 Ed.1

S57 | INT 1
Symbol Name: SY(AISLST02)  RN: 580

Symbol Explanation: Lost AIS target

Look up table affected: N/A

Called by CSP etc.: CSP VESSEL02

Pivot Point Column: 6.25  
Pivot Point Row: 6.25

Width of Bounding Box: 12.50  
Height of Bounding Box: 12.50

Symbol Colours: [DNGHL]

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References: IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004

IEC 62288 Ed.1

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>N/A</td>
<td>S 17</td>
</tr>
</tbody>
</table>

AIS
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(AISSEL01)</th>
<th>RN: 581</th>
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<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>selected AIS target</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>5.75</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>6.75</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>12.50</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>11.80</td>
<td></td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>RESBL</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight</td>
<td></td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>References:</td>
<td>IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.12.2004</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IEC 62288 Ed.1</td>
<td></td>
</tr>
</tbody>
</table>

S57 | INT 1
Symbol Name: SY(AISSLP02)  RN: 11

Symbol Explanation: sleeping AIS target
Look up table affected: N/A
Called by CSP etc.: CSP VESSEL02
Pivot Point Column: 1.50
Pivot Point Row: 2.25
Width of Bounding Box: 3.00
Height of Bounding Box: 4.50

Symbol Colours: RESBL

Comments: Point diameter 0.6 mm
Line weight 0.6 mm

Examples on ENC: N/A

References: IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004
IEC 62288 Ed.1

S57 INT 1
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(AISTRN03)</th>
<th>RN: 582</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>AIS target turning to starboard</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>2.00</td>
<td></td>
</tr>
</tbody>
</table>

![Symbol Diagram]

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>RESBL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments:</td>
<td>Line weight 0.3 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004</td>
</tr>
<tr>
<td></td>
<td>IEC 62288 Ed.1</td>
</tr>
</tbody>
</table>

S57

INT 1
Symbol Name: SY(AISTRN04)  RN: 583

Symbol Explanation: AIS target turning to port

Look up table affected: N/A

Called by CSP etc.: CSP VESSEL02

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 2.00
Height of Bounding Box: 2.00

Symbol Colours: RESBL

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15. December 2004

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S57 INT 1
Symbol Name:  SY(AISTSO01)

Symbol Explanation:  AIS target – true scale outline

Look up table affected:  N/A

Called by CSP etc.:  CSP VESSEL02

Pivot Point Column:  relative to reported position
Pivot Point Row:  and according to reported position offsets

Width of Bounding Box:  scaled according to reported
Height of Bounding Box:  beam and length

Symbol Colours:  RESBL

Comments:  Line weight 0.6 mm

Examples on ENC:  N/A

References:  IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15 December 2004

IEC 62288 Ed.1

S57  INT 1
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(AISVES02)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>active AIS target showing vector and/or heading</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>2.00</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>6.00</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>4.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>6.00</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>RESBL</td>
</tr>
</tbody>
</table>
| Comments: | Line weight 0.6 mm  
Point diameter 0.6 mm |
| Examples on ENC: | N/A |
| References: | IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004  
IEC 62288 Ed.1 |

| S57 | INT 1 |
### Symbol Name: SY(ARPATG02)  
**RN:** 13

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>ARPA target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.50</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>1.50</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Symbol Colours:
- ARPAT

#### Comments:
- Point diameter 0.6 mm
- Outer circle diameter 3.0 mm; circle line weight 0.6 mm

#### Examples on ENC:
- N/A

#### References:
- IEC 62288 Ed.1

#### S57  
- INT 1
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(ARPONE02)</th>
<th>RN: 14</th>
</tr>
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<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>one minute mark on ARPA vector</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>[ARPAT]</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm</td>
<td></td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>References:</td>
<td>IEC 62288 Ed.1</td>
<td></td>
</tr>
</tbody>
</table>

| S57 | INT 1 |
Symbol Name: SY(ARPSIX02)  RN: 15

Symbol Explanation: six minute mark on ARPA vector

Look up table affected: N/A

Called by CSP etc.: CSP VESSEL02

Pivot Point Column: 1.50
Pivot Point Row: 0.00

Width of Bounding Box: 3.00
Height of Bounding Box: 0.00

Symbol Colours: ARPAT

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

S57 | INT 1
Symbol Name: SY(BCNCAR01)  RN: 16

Symbol Explanation: cardinal beacon, north, simplified
Look up table affected: simplified point symbols
Pivot Point Column: 2.00  Pivot Point Row: 3.05
Width of Bounding Box: 4.02  Height of Bounding Box: 6.12

Symbol Colours:
- OUTLW
- CHYLW

Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNCAR02)

Symbol Explanation: cardinal beacon, east, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 3.30

Width of Bounding Box: 4.00
Height of Bounding Box: 6.60

Symbol Colours:
- OUTLW
- CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>Q 130.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>INT 1</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNCAR03)  RN: 18

Symbol Explanation: cardinal beacon, south, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 3.05

Width of Bounding Box: 4.00
Height of Bounding Box: 6.10

Symbol Colours:
- OUTLW
- CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BCNCAR</th>
<th>INT 1 Q 130.3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>1</td>
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</tbody>
</table>

Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BCNCAR</th>
<th>INT 1 Q 130.3</th>
</tr>
</thead>
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<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNCAR04) RN: 19

Symbol Explanation: cardinal beacon, west, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 3.05

Width of Bounding Box: 4.00
Height of Bounding Box: 6.10

Symbol Colours:
- OUTLW
- CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
</tbody>
</table>

Line weight 0.3 mm
Symbol Name: SY(BCNDEF13)  
RN: 20

Symbol Explanation: default symbol for a beacon, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.03  
Pivot Point Row: 2.18

Width of Bounding Box: 5.27  
Height of Bounding Box: 4.46

Symbol Colours:

- CHMGD
- CHGRD
- OUTLW

Comments: Line weight (question mark) 0.3 mm; line weight (question mark dot) 0.6 mm  
Line weight 0.3 mm  
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>S57</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
<td></td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
<td></td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 120-125; 130.6</td>
<td></td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 130.4</td>
<td></td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNGEN01)  

Symbol Explanation: beacon in general, paper-chart  
Look up table affected: paper chart point symbols  
Pivot Point Column: 1.50  
Pivot Point Row: 4.50  
Width of Bounding Box: 3.00  
Height of Bounding Box: 5.15

![Symbol Diagram]

Symbol Colours: CHBLK  
Comments: Line weight 0.6 mm  
Circle diameter 1.3 mm  
Examples on ENC: N/A  
References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BCNISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 120-125; 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNGEN03)  RN: 22

Symbol Explanation: default symbol for beacon, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 1.50
Pivot Point Row: 4.46

Width of Bounding Box: 5.93
Height of Bounding Box: 5.00

Symbol Colours:

- CHMGD
- CHBLK

Comments: Line weight (question mark) 0.3 mm; line weight (question mark dot) 0.6 mm
Line weight (beacon horizontal bar) 0.6 mm;
Line weight (beacon vertical bar) 1.2 mm
Circle diameter 1.08 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BCNISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 120-125; 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNISD21)  
RN: 23  

Symbol Explanation: isolated danger beacon, simplified  
Look up table affected: simplified point symbols  
Pivot Point Column: 1.12  
Pivot Point Row: 2.69  
Width of Bounding Box: 2.22  
Height of Bounding Box: 5.44  

Symbol Colours:  
- OUTLW  
- CHRED  

Comments: Circle line weight 0.3 mm; circle diameter 2.2 mm  
Examples on ENC: N/A  
References:  
| S57 | INT 1  
|---|---  
| BCNISD | Q 83; 130.4 |
Symbol Name: SY(BCNLAT15)

Symbol Explanation: major lateral beacon, red, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.00
Pivot Point Row: 2.00

Width of Bounding Box: 2.00
Height of Bounding Box: 4.00

Symbol Colours:

- CHRED
- OUTLW

Comments:
Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BCNLAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>INT 1</td>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNLAT16)  RN: 25

Symbol Explanation: major lateral beacon, green, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.00
Pivot Point Row: 2.00

Width of Bounding Box: 2.00
Height of Bounding Box: 4.00

Symbol Colours: green CHGRN black OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Source</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNLAT21)  

Symbol Explanation: minor lateral beacon, red, simplified  

Look up table affected: simplified point symbols  

Pivot Point Column: 0.66  
Pivot Point Row: 2.51  

Width of Bounding Box: 1.33  
Height of Bounding Box: 5.00  

Symbol Colours:  
- OUTLW  
- CHRED  

Comments: Line weight 0.3 mm  
Point diameter 0.6 mm  

Examples on ENC: N/A  

References:  
| S57 | BCNLAT Q 91-92 ;130.1 | INT 1 |
**Symbol Name:** SY(BCNLAT22)  
**RN:** 27

**Symbol Explanation:** minor lateral beacon, green, simplified

**Look up table affected:** simplified point symbols

**Pivot Point Column:** 0.66  
**Pivot Point Row:** 2.51

**Width of Bounding Box:** 1.33  
**Height of Bounding Box:** 5.00

**Symbol Colours:**  
- OUTLW  
- CHGRN

**Comments:** Line weight 0.3 mm  
Point diameter 0.6 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>SS7</th>
<th>BCNLAT</th>
<th>S57 INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q 91-92 ;130.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of SY(BCNLAT22) symbol]
Symbol Name: SY(BCNLTC01)  RN: 28

Symbol Explanation: lattice beacon, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.50  
Pivot Point Row: 4.50  

Width of Bounding Box: 5.00  
Height of Bounding Box: 5.18

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm  
Circle diameter 1.36 mm

Examples on ENC: N/A

References:

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BCNISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 130.6</td>
</tr>
<tr>
<td>BCNxxx</td>
<td>Q 111</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>SY(BCNSAW13)</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>major safe water beacon, simplified</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>simplified point symbols</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.00</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>2.00</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>2.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>4.00</td>
</tr>
</tbody>
</table>

![Symbol Diagram](image)

**Symbol Colours:**
- CHBLK (outline)
- OUTLW
- DEPVS (fill colour of centred point)

**Comments:**
- Line weight 0.3 mm
- Point diameter 0.6 mm

**Examples on ENC:** N/A

**References:**
- S57 INT 1
- BCNSAW Q 130.5
Symbol Name: SY(BCNSAW21)  
RN: 30

Symbol Explanation: minor safe water beacon, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 0.66  
Pivot Point Row: 2.51

Width of Bounding Box: 1.33  
Height of Bounding Box: 5.00

![Symbol Diagram]

Symbol Colours:
- OUTLW (outline)
- CHBLK
- DEPVS (fill colour of centred point)

Comments: Line weight 0.3 mm  
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNSPP13)  RN: 31

Symbol Explanation: major special purpose beacon, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.00
Pivot Point Row: 2.00
Width of Bounding Box: 2.00
Height of Bounding Box: 4.00

Symbol Colours:
- CHYLW
- OUTLW

Comments:
Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>BCNSPP</th>
<th>INT 1</th>
<th>Q 130.6</th>
</tr>
</thead>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
### Symbol Name: SY(BCNSPP21)

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>minor special purpose beacon, simplified</th>
</tr>
</thead>
<tbody>
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<td>simplified point symbols</td>
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<tr>
<td>Pivot Point Column:</td>
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</tr>
<tr>
<td>Pivot Point Row:</td>
<td>2.51</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>1.33</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>5.00</td>
</tr>
</tbody>
</table>

#### Symbol Colours:
- **OUTLW**
- **CHYLW**

#### Comments:
- Line weight 0.3 mm
- Point diameter 0.6 mm

#### Examples on ENC:
- N/A

#### References:
<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCNSPP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>
**Symbol Name:** SY(BCNSTK02)  
**RN:** 33

**Symbol Explanation:**  
minor, stake or pole beacon, paper-chart

**Look up table affected:**  
paper chart point symbols

**Pivot Point Column:** 1.25  
**Pivot Point Row:** 4.51

**Width of Bounding Box:** 2.50  
**Height of Bounding Box:** 4.51

- **Symbol Colours:** CHBLK

- **Comments:** Line weight 0.6 mm

- **Examples on ENC:** N/A

**References:**

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BCNISD</td>
<td>Q 130.4</td>
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<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BCNTOW01)

Symbol Explanation: beacon tower, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.50
Pivot Point Row: 4.50

Width of Bounding Box: 5.00
Height of Bounding Box: 5.20

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.40 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>References</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>S57</td>
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<tr>
<td>BCNCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BCNISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 91-92;130.1</td>
</tr>
<tr>
<td>BCNSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 130.6</td>
</tr>
<tr>
<td>BCNxxx</td>
<td>Q 110</td>
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</table>
Symbol Name: SY(BLKADJ01)

Symbol Explanation: symbol to be used for checking and adjusting the brightness and contrast controls

Look up table affected: N/A

Pivot Point Column: 10.33  
Pivot Point Row: 10.43

Width of Bounding Box: 20.00  
Height of Bounding Box: 20.00

Symbol Colours:
- BKAJ1
- BKAJ2

Comments: See PresLib section 8.5.8

Examples on ENC: N/A

References:

| S57 | INT 1 |
Symbol Name: SY(BOYBAR01)  RN: 35

Symbol Explanation: barrel buoy, paper-chart
Look up table affected: paper chart point symbols

Pivot Point Column: 3.55  
Pivot Point Row: 3.90  
Width of Bounding Box: 6.15  
Height of Bounding Box: 4.40

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm  
Circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Q 25; 130.6 (Q 25)</td>
</tr>
</tbody>
</table>

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1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(BOYCAN01)

Symbol Explanation: can buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.88
Pivot Point Row: 3.35

Width of Bounding Box: 6.16
Height of Bounding Box: 3.94

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>BOYLAT Q 21; 130.1</td>
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</tr>
<tr>
<td>BOYSPP Q 21; 130.6</td>
<td>(Q 130.6)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYCAR01)  
RN: 37

Symbol Explanation: cardinal buoy, north, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.66  
Pivot Point Row: 3.13

Width of Bounding Box: 4.16  
Height of Bounding Box: 6.16

Symbol Colours:
- CHYLW
- OUTLW

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
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<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYCAR02)  RN: 38

Symbol Explanation: cardinal buoy, east, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.80
Pivot Point Row: 3.30

Width of Bounding Box: 3.65
Height of Bounding Box: 6.60

Symbol Colours:
- OUTLW
- CHYLW

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>SY(BOYCAR03)</td>
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<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>cardinal buoy, south, simplified</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>simplified point symbols</td>
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<tr>
<td>Pivot Point Column:</td>
<td>1.20</td>
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<td>4.15</td>
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<td>Height of Bounding Box:</td>
<td>6.10</td>
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</table>

![Symbol Diagram]

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>OUTLW</th>
<th>CHYLW</th>
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</table>

<table>
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<tr>
<th>Comments:</th>
<th>Line weight 0.6 mm</th>
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</table>

<table>
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<tr>
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<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYCAR04) RN: 40

Symbol Explanation: cardinal buoy, west, simplified
Look up table affected: simplified point symbols
Pivot Point Column: 3.05
Pivot Point Row: 3.05
Width of Bounding Box: 6.07
Height of Bounding Box: 6.10

Symbol Colours: OUTLW

Comments: Line weight 0.6 mm
Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th></th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
</tr>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYCON01)

Symbol Explanation: conical buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.88
Pivot Point Row: 4.38

Width of Bounding Box: 5.75
Height of Bounding Box: 4.94

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.12 mm

Examples on ENC: N/A

References:

<table>
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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BOYISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BOYLAT</td>
<td>Q 130.1</td>
</tr>
<tr>
<td>BOYSSP</td>
<td>Q 130.6</td>
</tr>
<tr>
<td>BOYxxx</td>
<td>Q 20; 50-57; 59; 60; 62; 70; 71</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYDEF03)

Symbol Explanation: default symbol for buoy, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.03
Pivot Point Row: 2.26

Width of Bounding Box: 7.21
Height of Bounding Box: 4.43

Symbol Colours:
- CHMGD
- CHGRD
- OUTLW

Comments:
- Line weight (question mark) 0.3 mm; line weight (question mark dot) 0.6 mm
- Line weight 0.3 mm
- Circle diameter 4.06 mm; circle filled
- Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BOYLAT</td>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYGEN03)  RN: 43

Symbol Explanation: default symbol for buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.66
Pivot Point Row: 4.21

Width of Bounding Box: 7.65
Height of Bounding Box: 4.74

Symbol Colours: CHMGD
CHBLK

Comments: Line weight (question mark) 0.3 mm; line weight (question mark dot) 0.6 mm
Line weight 0.6 mm
Circle diameter 3.46 mm; circle diameter 1.1 mm

Examples on ENC: N/A

References:

<table>
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<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>BOYCAR</td>
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</tr>
<tr>
<td>BOYSPP</td>
<td>Q 130.6</td>
</tr>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
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<tr>
<td>BOYSPP</td>
<td>Q 130.6</td>
</tr>
<tr>
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<td>Q 130.5</td>
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<td>BOYISD</td>
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<tr>
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<td>Q 130.1</td>
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</tbody>
</table>

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Symbol Name: SY(BOYINB01)  RN: 44

Symbol Explanation: installation buoy, paper-chart
Look up table affected: paper chart point symbols

Pivot Point Column: 4.29
Pivot Point Row: 4.34

Width of Bounding Box: 8.57
Height of Bounding Box: 4.99

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Upper circle diameter 1.42 mm
Lower circle diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>BOYINB</td>
<td>L 16</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYISD12)  
RN: 45

Symbol Explanation: isolated danger buoy, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.88
Pivot Point Row: 2.71

Width of Bounding Box: 3.84
Height of Bounding Box: 5.44

Symbol Colours:  
- OUTLW
- CHRED

Comments: Line weight 0.3 mm
Circle diameter 2.2 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYISD</td>
<td>Q 130.4</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYLAT13)  RN: 46

Symbol Explanation: conical lateral buoy, green, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 3.09
Pivot Point Row: 2.97

Width of Bounding Box: 4.33
Height of Bounding Box: 4.39

Symbol Colours:
- CHGRN
- OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BOYLAT</td>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYLAT14)  RN: 47

Symbol Explanation: conical lateral buoy, red, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 3.09  Pivot Point Row: 2.97

Width of Bounding Box: 4.33  Height of Bounding Box: 4.39

Symbol Colours:
- CHRED
- OUTLW

Comments:
- Line weight 0.3 mm
- Point diameter 0.6 mm

Examples on ENC: N/A

References:
- S57 INT 1
- BOYLAT Q 130.1
Symbol Name: SY(BOYLAT23)

Symbol Explanation: can shape lateral buoy, green, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.75
Pivot Point Row: 1.91

Width of Bounding Box: 5.28
Height of Bounding Box: 3.99

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>CHGRN</th>
<th>OUTLW</th>
</tr>
</thead>
</table>

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<td>Q 130.1</td>
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<tr>
<td>Symbol Name:</td>
<td>SY(BOYLAT24)</td>
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<td>------------------</td>
<td>-------------</td>
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<td>Symbol Explanation:</td>
<td>can shape lateral buoy, red, simplified</td>
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<td>Look up table affected:</td>
<td>simplified point symbols</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>2.75</td>
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<tr>
<td>Pivot Point Row:</td>
<td>1.91</td>
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<td>Width of Bounding Box:</td>
<td>5.28</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>4.00</td>
</tr>
</tbody>
</table>

![Symbol Diagram](image)

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRED</td>
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<tr>
<td>OUTLW</td>
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<table>
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<th>Comments:</th>
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<tbody>
<tr>
<td>Line weight 0.3 mm</td>
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<td>Point diameter 0.6 mm</td>
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<table>
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<tbody>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>References:</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
</tr>
<tr>
<td>BOYLAT</td>
</tr>
<tr>
<td>INT 1</td>
</tr>
<tr>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYMOR01)

Symbol Explanation: mooring buoy, barrel shape, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 3.45
Pivot Point Row: 5.20

Width of Bounding Box: 6.10
Height of Bounding Box: 5.80

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Upper circle diameter 1.3 mm
Lower circle diameter 1.2 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORFAC</td>
<td>Q 40-43</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(BOYMOR03)  RN: 51

Symbol Explanation: mooring buoy, can shape, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.85
Pivot Point Row: 4.91

Width of Bounding Box: 6.16
Height of Bounding Box: 5.56

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Upper circle diameter 1.5 mm
Lower circle diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORFAC</td>
<td>Q 40-43</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYMOR11)  

Symbol Explanation: installation buoy and mooring buoy, simplified

Look up table affected: paper chart point symbols simplified point symbols

Pivot Point Column: 3.80  
Pivot Point Row: 1.75

Width of Bounding Box: 7.59  
Height of Bounding Box: 3.50

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm  
Point diameter 2.02 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BOYINB</td>
<td>L 16</td>
</tr>
<tr>
<td>MORFAC</td>
<td>Q 40-43</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYPIL01)

Symbol Explanation: pillar buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 3.07
Pivot Point Row: 4.32

Width of Bounding Box: 5.97
Height of Bounding Box: 4.91

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYxxx Q 23</td>
<td></td>
</tr>
<tr>
<td>BOYCAR Q 130.3</td>
<td></td>
</tr>
<tr>
<td>BOYISD Q 130.4</td>
<td></td>
</tr>
<tr>
<td>BOYLAT Q 130.1</td>
<td></td>
</tr>
<tr>
<td>BOYSAW Q 130.5</td>
<td></td>
</tr>
<tr>
<td>BOYSPP Q 130.6</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSAW12)  RN: 54

Symbol Explanation: safe water buoy, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.03
Pivot Point Row: 2.03

Width of Bounding Box: 4.06
Height of Bounding Box: 4.06

Symbol Colours: CHRED OUTLW

Comments: Line weight 0.3 mm; circle diameter 4.06 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSAW Q 130.5</td>
<td></td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(BOYSPH01)  RN: 55

Symbol Explanation: spherical buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.78
Pivot Point Row: 4.38

Width of Bounding Box: 5.65
Height of Bounding Box: 4.91

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.06 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BOYxxx</th>
<th>Q 22</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSAW</td>
<td>Q 130.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BOYSPP</td>
<td>Q 130.6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSPP11)  RN: 56

Symbol Explanation: special purpose buoy, spherical or barrel shaped, or default symbol for special purpose buoy, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.00  Pivot Point Row: 2.00

Width of Bounding Box: 4.00  Height of Bounding Box: 4.00

Symbol Colours: CHYLW  OUTLW

Comments: Line weight 0.3 mm; circle diameter 4.0 mm  Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSPP</td>
<td>Q 50-57; 59; 62; 70; 71; 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSP15)  RN: 57

Symbol Explanation: special purpose TSS buoy marking the starboard side of the traffic lane, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.89
Pivot Point Row: 2.99

Width of Bounding Box: 4.33
Height of Bounding Box: 4.39

Symbol Colours:

- CHYLW
- OUTLW

Comments:
Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSP25)  RN: 58

Symbol Explanation: special purpose TSS buoy marking the port side of the traffic lane, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.75
Pivot Point Row: 1.91
Width of Bounding Box: 5.28
Height of Bounding Box: 4.00

Symbol Colours:
- CHYLW
- OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSPPP35)  RN: 527

Symbol Explanation: special purpose ice buoy or spar or pillar shaped buoy, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 1.96  Pivot Point Row: 2.55

Width of Bounding Box: 3.26  Height of Bounding Box: 5.00

Symbol Colours: CHYLW OUTLW

Comments: Line weight 0.3 mm  Point diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYSPPP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(BOYSPR01) RN: 59

Symbol Explanation: spar buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 1.47
Pivot Point Row: 4.32

Width of Bounding Box: 2.87
Height of Bounding Box: 4.91

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYxxx</td>
<td>Q 24</td>
</tr>
<tr>
<td>BOYCAR</td>
<td>Q 130.3</td>
</tr>
<tr>
<td>BOYISD</td>
<td>Q 130.4</td>
</tr>
<tr>
<td>BOYLAT</td>
<td>Q 130.1</td>
</tr>
<tr>
<td>BOYSAW</td>
<td>Q 130.5</td>
</tr>
<tr>
<td>BOYSPP</td>
<td>Q 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BOYSUP01)  RN: 60

Symbol Explanation: super-buoy, paper-chart
Look up table affected: paper chart point symbols
Pivot Point Column: 4.29  
Pivot Point Row: 4.75
Width of Bounding Box: 8.57  
Height of Bounding Box: 5.40

Symbol Colours: CHBLK
Comments: Line weight 0.6 mm  
Circle diameter 1.3 mm
Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOYxxx</td>
<td>Q 26; 130.1; 130.3; 130.4; 130.5; 130.6 (Q 26)</td>
</tr>
</tbody>
</table>
Symbol Name: \textbf{SY(BOYSUP02)}  
\begin{tabular}{|l|l|}
\hline
Symbol Name: & \textbf{SY(BOYSUP02)} \\
\hline
Symbol Explanation: & super-buoy ODAS & LANBY, simplified \\
Look up table affected: & simplified point symbols \\
Pivot Point Column: & 3.84 \\
Pivot Point Row: & 2.38 \\
Width of Bounding Box: & 7.67 \\
Height of Bounding Box: & 4.75 \\
\hline
\end{tabular}

\begin{center}
\includegraphics[width=0.8\textwidth]{symbol.png}
\end{center}

Symbol Colours: \textbf{CHBLK}  
Comments: Line weight 0.6 mm  
Examples on ENC: N/A  
References:  
\begin{tabular}{|l|l|}
\hline
S57 & \textbf{INT 1} \\
BOYSPP & Q 26, 58, 130.6 \\
& (Q 26) \\
\hline
\end{tabular}
Symbol Name: SY(BOYSUP03)

Symbol Explanation: LANBY, super-buoy, paper-chart
Look up table affected: paper chart point symbols
Pivot Point Column: 4.32
Pivot Point Row: 5.72
Width of Bounding Box: 8.57
Height of Bounding Box: 6.31

Symbol Colours: CHBLK
Comments: Line weight 0.6 mm
Circle diameter 1.18 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BOYSPP</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q 26, 130.6</td>
<td>(Q 26)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BRIDGE01)  RN: 63

Symbol Explanation: symbol for opening bridge

Look up table affected: line symbols

Pivot point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm
Inner circle diameter 2.3 mm; outer circle diameter 4.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRIDGE</td>
<td>D 23.1-23.6</td>
<td>(D 23.1)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BRTHNO01)  RN: 64

Symbol Explanation: berth number symbol

Look up table affected: line symbols
paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.50
Pivot Point Row: 3.50

Width of Bounding Box: 7.00
Height of Bounding Box: 7.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 7.0 mm

Examples on ENC: N/A

References:
S57 INT 1
BERTHS F 19

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(BUAARE02)  
RN: 65

Symbol Explanation: built-up area as a point at small scale

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 2.56  
Pivot Point Row: 2.54

Width of Bounding Box: 5.18  
Height of Bounding Box: 5.18

Symbol Colours: LANDF

Comments: Filled circle diameter 5.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUAARE</td>
<td>D 3, 4; G 50-54</td>
</tr>
</tbody>
</table>

![Symbol Diagram]
Symbol Name: SY(BUIREL01)

Symbol Explanation: non-conspicuous religious building, Christian

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL E 10.1, 11; G 75 (E 10.1)</td>
<td></td>
</tr>
<tr>
<td>LNDMRK E 10.2; 10.3; 10.4  Ch</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(BUIREL04)  RN: 67

Symbol Explanation: non-conspicuous religious building, non-Christian

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.88
Pivot Point Row: 1.47

Width of Bounding Box: 5.72
Height of Bounding Box: 2.84

Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUIISGL</td>
<td>E 13-16</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BUIREL05)

Symbol Explanation: mosque or minaret

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.85
Pivot Point Row: 3.68

Width of Bounding Box: 3.49
Height of Bounding Box: 4.66

Symbol Colours: LANDF

Comments: Line weight 0.3 mm
Circle diameter 1.98 mm; point diameter 0.7 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>E 17, 18</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BUIREL13)
RN: 69

Symbol Explanation: conspicuous religious building, Christian

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00
Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>E 10.1, 11</td>
</tr>
<tr>
<td>LNDMRK</td>
<td>E 10.2, 10.3, 10.4</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BUIREL14)  RN: 70

Symbol Explanation: conspicuous religious building, non-Christian

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.88
Pivot Point Row: 1.47

Width of Bounding Box: 5.72
Height of Bounding Box: 2.84

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>E 13-16</td>
</tr>
</tbody>
</table>

![Diagram of symbol]

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(BUIRE15)  RN: 71

Symbol Explanation: conspicuous mosque or minaret

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.83
Pivot Point Row: 3.65
Width of Bounding Box: 3.49
Height of Bounding Box: 4.66

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm
Circle diameter 1.98 mm; point diameter 0.7 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>E 17, 18 (E 17)</td>
</tr>
</tbody>
</table>
Symbol Name: **SY(BUISGL01)**

Symbol Explanation: single building

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.32
Pivot Point Row: 1.32

Width of Bounding Box: 2.50
Height of Bounding Box: 2.50

Symbol Colours: 
- LANDF
- CHBRN

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>D 5, 6, 8; G 60-63, 71, 76, 83, 84, 93, 95, 97</td>
</tr>
</tbody>
</table>
Symbol Name: SY(BUISGL11)  RN: 73

Symbol Explanation: conspicuous single building

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.32  
Pivot Point Row: 1.32

Width of Bounding Box: 2.50  
Height of Bounding Box: 2.50

Symbol Colours:
- LANDF
- CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>D 5, 6, 8; G 60-63, 71, 76, 83, 84, 93, 95, 97</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CAIRNS01)

Symbol Explanation: cairn

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.40
Pivot Point Row: 4.40

Width of Bounding Box: 4.68
Height of Bounding Box: 4.77

Symbol Colours: LANDF

Comments: Line weight 0.6 mm
Diameter of the three circles 2.3 mm; base circle diameter 0.6 mm

Examples on ENC: N/A

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>BCNSPP</td>
<td>Q 100</td>
</tr>
<tr>
<td>LNDMRK</td>
<td>Q 100</td>
<td>(Q 100)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CAIRNS11)  

Symbol Explanation: conspicuous cairn

Look up table affected: paper chart point symbols, simplified point symbols

Pivot Point Column: 2.40  
Pivot Point Row: 4.40

Width of Bounding Box: 4.68  
Height of Bounding Box: 4.77

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm  
Diameter of the three circles 2.3 mm; base circle diameter 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>BCNSPP</th>
<th>Q 100</th>
<th>LNDMRK</th>
<th>Q 100</th>
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<th>BCNSPP</th>
<th>Q 100</th>
<th>LNDMRK</th>
<th>Q 100</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(CBLARE51)  RN: 76

Symbol Explanation: cable area

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.71
Pivot Point Row: 5.66

Width of Bounding Box: 3.74
Height of Bounding Box: 11.12

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBLARE</td>
<td>L 30.2, 31.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CGUSTA02)  RN: 77

Symbol Explanation: coastguard station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 0.29
Pivot Point Row: 4.36
Width of Bounding Box: 7.02
Height of Bounding Box: 4.69

Symbol Colours:
- LANDF
- CHWHT
- CHMGF

Comments: Line weight 0.6 mm
Point diameter 0.92 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGUSTA</td>
<td>T 10, 11</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHCRDEL1)  RN: 78

Symbol Explanation: this object has been manually deleted or modified

Look up table affected: N/A

Pivot Point Column: 4.09  
Pivot Point Row: 4.01

Width of Bounding Box: 8.05  
Height of Bounding Box: 8.05

Symbol Colours: CHCOR

Comments: Line weight 0.3 mm  
See PresLib section 8.7.1

Examples on ENC: N/A

References:  
S57  INT 1
Symbol Name: SY(CHCRID01)

Symbol Explanation: this object has been manually updated

Look up table affected: N/A

Pivot Point Column: 0.49
Pivot Point Row: 0.03

Width of Bounding Box: 0.98
Height of Bounding Box: 6.02

Symbol Colours: CHCOR

Comments: Line weight 0.3 mm; circle diameter 0.98 mm
See PresLib section 8.7.1

Examples on ENC: N/A

References:
S57  INT 1
Symbol Name: SY(CHIMNY01)  RN: 80

Symbol Explanation: chimney

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75
Pivot Point Row: 6.16

Width of Bounding Box: 4.78
Height of Bounding Box: 6.72

Symbol Colours: LANDF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 22</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHIMNY11)  RN: 81

Symbol Explanation: conspicuous chimney

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75
Pivot Point Row: 6.16

Width of Bounding Box: 4.78
Height of Bounding Box: 6.72

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 22</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO06)  RN: 82

Symbol Explanation: HO caution note

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56
Pivot Point Row: 2.54

Width of Bounding Box: 5.18
Height of Bounding Box: 5.18

Symbol Colours:

CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTNARE</td>
<td>M 29.2</td>
</tr>
<tr>
<td>DAMCON</td>
<td>F 44</td>
</tr>
<tr>
<td>MIPARE</td>
<td>N 30-33</td>
</tr>
<tr>
<td>SPLARE</td>
<td>N 13</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO07)  RN: 83

Symbol Explanation: HO information note

Look up table affected:
- paper chart point symbols
- area symbols with plain boundaries
- simplified point symbols
- area symbols with symbolized boundaries

Pivot Point Column: 2.35
Pivot Point Row: 2.54

Width of Bounding Box: 4.95
Height of Bounding Box: 4.95

Symbol Colours: CHMGD
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTSARE</td>
<td>N 64</td>
</tr>
<tr>
<td>DMPGRD</td>
<td>N 23, 24, 62.1, 62.2 (N 62.2)</td>
</tr>
<tr>
<td>HRBFAC</td>
<td>F 10, 50, 52; U 1.1 (U 1.1)</td>
</tr>
<tr>
<td>ICNARE</td>
<td>N 65</td>
</tr>
<tr>
<td>M_NPUB</td>
<td>Not specified</td>
</tr>
<tr>
<td>PIPARE</td>
<td>L 40.2, 41.2 (L 40.1)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO08)  RN: 84

Symbol Explanation: mariner's information note

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.35
Pivot Point Row: 2.54

Width of Bounding Box: 4.95
Height of Bounding Box: 4.95

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>marnot</td>
<td>To meet the requirement of IMO PS 1.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO09)  RN: 85

Symbol Explanation: mariners caution note

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56
Pivot Point Row: 2.54

Width of Bounding Box: 5.18
Height of Bounding Box: 5.18

Symbol Colours: NINFO

Comments: line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>marfa</td>
<td>To meet the requirement of IMO PS 1.6 and of IHO S-52 sections 1.1 and 5.5</td>
</tr>
<tr>
<td>marnot</td>
<td>To meet the requirement of IMO PS 1.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO10)

Symbol Explanation: manufacturer's information note

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.35
Pivot Point Row: 2.54

Width of Bounding Box: 4.95
Height of Bounding Box: 4.95

Symbol Colours: ADINF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>mnufea</td>
<td>To implement IMO PS section 2 and IHO S-52 section 2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHINFO11)  RN: 87

Symbol Explanation: manufacturer's caution note

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56
Pivot Point Row: 2.54

Width of Bounding Box: 5.18
Height of Bounding Box: 5.18

Symbol Colours: ADINF

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>mnufea</td>
<td>To implement IMO PS section 2 and IHO S-52 section 2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CHKSYM01)

Symbol Explanation: test symbol for checking symbol sizes, should measure 5 mm by 5 mm

Look up table affected: N/A

Pivot Point Column: 2.61
Pivot Point Row: 2.49

Width of Bounding Box: 5.00
Height of Bounding Box: 5.00

Symbol Colours: CHBLK (outline)
                 OUTLW (fill colour)

Comments: Line weight 0.3 mm
           PresLib section 8.3.5

Examples on ENC: N/A

References:
S57          INT 1
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(CRRLIN01)</th>
<th>RN: 89</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>Arrowhead for mariner's clearing line</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP CRRLIN01</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.62</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>6.07</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.25</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>6.07</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of symbol]

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>NINFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments:</td>
<td>N/A</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57 INT 1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CRANES01)  RN: 90

Symbol Explanation: cranes

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.50
Pivot Point Row: 4.50

Width of Bounding Box: 6.00
Height of Bounding Box: 5.00

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRANES</td>
<td>F 53.1, 53.2, 53.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CTNARE51)  RN: 91

Symbol Explanation: caution area, a specific caution note applies

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 17.85
Pivot Point Row: -6.00

Width of Bounding Box: 9.94
Height of Bounding Box: 9.94

Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>CTNARE</td>
<td>M 29.2</td>
</tr>
<tr>
<td>TSSLPT</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CTYARE51)  RN: 92

Symbol Explanation: cautionary area (e.g. ferry area) navigate with caution

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Called by CSP etc.: CSP RESARE03 Continuation D, E
CSP RESCSP02 Continuation D

Pivot Point Column: 17.85
Pivot Point Row: -6.00

Width of Bounding Box: 9.94
Height of Bounding Box: 9.94

Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIPARE</td>
<td>N 30-33 (N 31)</td>
</tr>
<tr>
<td>OSPARE</td>
<td>L 4</td>
</tr>
<tr>
<td>SPLARE</td>
<td>N 13</td>
</tr>
<tr>
<td>SUBTLN</td>
<td>N 33</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CTYARE71)  RN: 93

Symbol Explanation: cautionary area with further information

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation D, E
CSP RESCSP02 Continuation D

Pivot Point Column: 20.26
Pivot Point Row: -6.00

Width of Bounding Box: 12.35
Height of Bounding Box: 9.94

Symbol Colours: TRFCF
CHMGD

Comments: Line weight 0.6 mm; circle diameter 9.94 mm;
Line weight of “i” 0.3 mm;
The “i” at bottom left indicates that further information is available about the nature of the restriction.

Examples on ENC: N/A

References:
S57 INT 1
Symbol Name: SY(CURDEF01)  
RN: 94

Symbol Explanation: current or tidal stream whose direction is not known

Look up table affected: paper chart point symbols  
simplified point symbols  
area symbols with symbolized boundaries

Look up table affected: area symbols with plain boundaries

Pivot Point Column: 4.88  
Pivot Point Row: 4.48

Width of Bounding Box: 10.09  
Height of Bounding Box: 9.08

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS_FEB</td>
<td>H 40, 41</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CURRENT01)  
RN: 95

Symbol Explanation: non-tidal current

Look up table affected: paper chart point symbols  
area symbols with plain boundaries  
simplified point symbols  
area symbols with symbolized boundaries

Pivot Point Column: 1.01  
Pivot Point Row: 4.48

Width of Bounding Box: 2.02  
Height of Bounding Box: 9.08

Symbol Colours: CHGRD  

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURENT</td>
<td>H 42, 43 (H 43)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CURSRA02)  
RN: 96

Symbol Explanation: ordinary cursor

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 5.00  
Pivot Point Row: 5.00

Width of Bounding Box: 10.00  
Height of Bounding Box: 10.00

Symbol Colours: CURSR

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1  
Non-standard object

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>cursor</td>
<td>IEC 61174 Annex E Section 5</td>
</tr>
</tbody>
</table>
Symbol Name: SY(CURSRB02)  

Symbol Explanation: cursor with open centre  
Look up table affected: paper chart point symbols  
simplified point symbols  

Pivot Point Column: 5.00  
Pivot Point Row: 5.00  
Width of Bounding Box: 10.00  
Height of Bounding Box: 10.00  

Symbol Colours:  

CURSR  

Comments: Line weight 0.3 mm  
Examples on ENC: N/A  
References: IEC 62288 Ed.1  

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>cursor</td>
<td>IEC 61174 Annex E Section 5</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DANGER01)  
Symbol Explanation: underwater hazard with a defined depth
Look up table affected: N/A
Called by CSP etc.: CSP OBSTRN05 Continuation A, CSP WRECKS03 Continuation A
Pivot Point Column: 3.95  
Pivot Point Row: 3.18  
Width of Bounding Box: 8.00  
Height of Bounding Box: 6.32

Symbol Colours:  
- DEPVS  
- CHBLK

Comments: Dot diameter 0.3 mm; 20 dots around the ellipse
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>I 4; K 1, 16, 40, 41, 42</td>
<td>(K 41)</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 13, 14.1, 14.2, 15, 16; O 27</td>
<td>(K 13)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 26, 27</td>
<td>(K 26)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DANGER02)  RN: 99  
Symbol Explanation: underwater hazard with depth greater than 20 metres
Look up table affected: N/A
Called by CSP etc.: CSP OBSTRN05 Continuation A, CSP WRECKS03 Continuation A
Pivot Point Column: 4.05
Pivot Point Row: 3.28
Width of Bounding Box: 8.00
Height of Bounding Box: 6.28

Symbol Colours: CHBLK

Comments: Dot diameter 0.3 mm; 20 dots around the ellipse
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2, 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DANGER03)  RN: 525

Symbol Explanation: underwater hazard which covers and uncovers

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 3.95  
Pivot Point Row: 3.18

Width of Bounding Box: 8.00  
Height of Bounding Box: 6.32

Symbol Colours:  
- DEPIT  
- CHBLK

Comments: Dot diameter 0.3 mm; 20 dots around the ellipse

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWTROC</td>
<td>K 11, 12</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DAYSQR01)  

Symbol Explanation: square or rectangular day mark, simplified  

Look up table affected: simplified point symbols  

Pivot Point Column: 2.04  
Pivot Point Row: 3.99  

Width of Bounding Box: 4.01  
Height of Bounding Box: 5.83  

Symbol Colours: CHMGD  

Comments: Line weight 0.3 mm; point diameter 1.3 mm  

Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DAYSQR21)

Symbol Explanation: square or rectangular day mark, paper chart

Look up table affected: paper chart point symbols

Pivot Point Column: 1.98
Pivot Point Row: 6.20

Width of Bounding Box: 4.01
Height of Bounding Box: 6.83

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DAYTRI01)  RN: 102

Symbol Explanation: triangular day mark, point up, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.49
Pivot Point Row: 4.01

Width of Bounding Box: 5.00
Height of Bounding Box: 6.01

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
</tr>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DAYTRI05)  RN: 103

Symbol Explanation: triangular day mark, point down, simplified

Look up table affected: simplified point symbols

Pivot Point Column: 2.50
Pivot Point Row: 3.95

Width of Bounding Box: 5.03
Height of Bounding Box: 6.07

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(DAYTRI21)  RN: 104

Symbol Explanation: triangular day mark, point up, paper chart

Look up table affected: paper chart point symbols

Pivot Point Column: 2.48  
Pivot Point Row: 6.63  

Width of Bounding Box: 5.00  
Height of Bounding Box: 7.27

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
**Symbol Name:** SY(DAYTRI25)

**Symbol Explanation:** triangular day mark, point down, paper chart

**Look up table affected:** paper chart point symbols

**Pivot Point Column:** 2.51  
**Pivot Point Row:** 5.86

**Width of Bounding Box:** 5.03  
**Height of Bounding Box:** 6.49

**Symbol Colours:** CHMGD

**Comments:** Line weight 0.3 mm; circle diameter 1.3 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYMAR</td>
<td>Q 101</td>
</tr>
</tbody>
</table>
**Symbol Name:** SY(DIRBOY01)  
**RN:** 521

**Symbol Explanation:** direction of buoyage

**Look up table affected:** area symbols with plain boundaries  
area symbols with symbolized boundaries

**Pivot Point Column:** 6.50  
**Pivot Point Row:** 30.43  

**Width of Bounding Box:** 13.12  
**Height of Bounding Box:** 8.27

**Symbol Colours:** CHMGD

**Comments:** Arrow line weight 0.3 mm;  
Circle line weight 0.6 mm; circle diameter 3.0 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_NSYS</td>
<td>Q 130.1, 130.2</td>
</tr>
</tbody>
</table>

*The direction of buoyage in relation when approaching a harbor from mainstream, approaches the direction determined by buoyage coordinates, generally contains several hard masses.*

*Symbol showing direction of buoyage when not obvious*

*Symbol showing direction of buoyage can be used around sheets*
Symbol Name: SY(DIRBOYA1)  RN: 106

Symbol Explanation: direction and colour of buoyage for approaching harbour in IALA region A (red to port)

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.50
Pivot Point Row: 30.43

Width of Bounding Box: 13.12
Height of Bounding Box: 8.27

Symbol Colours:
- CHMGD
- CHRED
- CHGRN

Comments: Arrow line weight 0.3 mm;
Circle line weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_NSYS</td>
<td>Q 130.1, 130.2</td>
</tr>
</tbody>
</table>

The diagram above shows the symbol used when approaching, entering or leaving a port, the direction of the buoyage along with the direction of the berth. The symbols indicate the direction of the buoyage and the direction of the berth.
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(DIRBOYB1)</th>
<th>RN: 107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>direction and colour of buoyage for approaching harbour in IALA region B (green to port)</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>area symbols with plain boundaries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>area symbols with symbolized boundaries</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>6.50</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>30.43</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>13.12</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>8.27</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of symbol SY(DIRBOYB1)](image)

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>CHMGD</th>
<th>CHGRN</th>
<th>CHRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments:</td>
<td>Arrow line weight 0.3 mm;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Circle line weight 0.6 mm; circle diameter 3.0 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>References:</th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_NSYS</td>
<td>Q 130.1, 130.2</td>
<td>(Q 130.2)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DISMAR03)  RN: 108

Symbol Explanation: distance mark

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 4.90
Pivot Point Row: 2.62

Width of Bounding Box: 8.65
Height of Bounding Box: 4.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.68 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISMAR</td>
<td>F 40</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(DISMAR04)  RN: 109

Symbol Explanation: distance point with no mark

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75
Pivot Point Row: 2.62

Width of Bounding Box: 5.50
Height of Bounding Box: 4.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISMAR F 40</td>
<td></td>
</tr>
</tbody>
</table>

[Diagram of symbol]

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(DNGHILIT)</th>
<th>RN: 110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>transparent danger highlight for mariner's use</td>
<td></td>
</tr>
</tbody>
</table>
| Look up table affected: | paper chart point symbols  
simplified point symbols |
| Pivot Point Column: | 5.00 |
| Pivot Point Row: | 5.00 |
| Width of Bounding Box: | 10.00 |
| Height of Bounding Box: | 10.00 |
| Symbol Colours: | DNGHL |
| Comments: | Outline weight 0.3 mm; area transparency 75% |
| Examples on ENC: | N/A |
| References: | IEC 62288 Ed.1 |

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>dnght</td>
<td>IEC 61174 Annex E Section 14</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DOMES001)  RN: 111

Symbol Explanation: dome

Look up table affected: paper chart point symbols  simplified point symbols

Pivot Point Column: 2.49  
Pivot Point Row: 3.80

Width of Bounding Box: 5.03  
Height of Bounding Box: 4.21

Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 0.86 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 10.4, 30.4</td>
</tr>
</tbody>
</table>

![Diagram of SY(DOMES001)]
Symbol Name: SY(DOMES011) RN: 112

Symbol Explanation: conspicuous dome

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.48
Pivot Point Row: 3.71

Width of Bounding Box: 5.03
Height of Bounding Box: 4.21

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 0.86 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 10.4, 30.4</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(DRFSTA01)

Symbol Explanation: DGPS reference station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.00
Pivot Point Row: 3.00

Width of Bounding Box: 10.75
Height of Bounding Box: 6.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDOSTA</td>
<td>S 51</td>
</tr>
</tbody>
</table>

DGPS reference station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.00
Pivot Point Row: 3.00

Width of Bounding Box: 10.75
Height of Bounding Box: 6.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDOSTA</td>
<td>S 51</td>
</tr>
</tbody>
</table>

DGPS reference station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.00
Pivot Point Row: 3.00

Width of Bounding Box: 10.75
Height of Bounding Box: 6.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDOSTA</td>
<td>S 51</td>
</tr>
</tbody>
</table>

DGPS reference station
Symbol Name: SY(DSHAER01)  

Symbol Explanation: dish aerial  
Look up table affected: paper chart point symbols  
Pivot Point Column: 1.66  
Pivot Point Row: 4.91  
Width of Bounding Box: 3.50  
Height of Bounding Box: 5.31  

Symbol Colours: LANDF  
Comments: Line weight 0.6 mm; circle diameter 0.8 mm  
Examples on ENC: N/A  
References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 31</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  
1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(DSHAER11)  RN: 114

Symbol Explanation: conspicuous dish aerial

Look up table affected: paper chart point symbols
                     simplified point symbols

Pivot Point Column:  1.66
Pivot Point Row:     4.91

Width of Bounding Box: 3.50
Height of Bounding Box: 5.31

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 0.8 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>LNDMRK</td>
<td>E 2, 31</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(DWRTPT51)  RN: 115

Symbol Explanation: part of deep water route

Look up table affected:  
area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 7.26  
Pivot Point Row: 17.34

Width of Bounding Box: 15.70  
Height of Bounding Box: 9.34

Symbol Colours:  
TRFCF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWRTPT</td>
<td>M 27.1-2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(DWRRUTE51)

Symbol Explanation: reciprocal traffic directions in a two-way part of a deep-water route

Look up table affected:
- area symbols with plain boundaries
- area symbols with symbolized boundaries

Pivot Point Column: 3.06
Pivot Point Row: 7.50

Width of Bounding Box: 6.19
Height of Bounding Box: 14.99

Symbol Colours: TRFCD

Comments: Outline weight 0.3 mm; area transparency 75%

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTPT</td>
<td>M 27.1-2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(EBBSTR01)

Symbol Explanation: ebb stream, rate at spring tides

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.01
Pivot Point Row: 5.19
Width of Bounding Box: 2.02
Height of Bounding Box: 8.84

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS_FEB</td>
<td>H 40-41</td>
</tr>
<tr>
<td></td>
<td>(H 41)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(EBLVRM11)  RN: 117

Symbol Explanation: point of origin for an offset EBL or VRM

Look up table affected: N/A

Called by CSP etc.: CSP VRMEBL01

Pivot Point Column: 1.00
Pivot Point Row: 1.00

Width of Bounding Box: 2.00
Height of Bounding Box: 2.00

Symbol Colours: NINFO

Comments: N/A

Examples on ENC: N/A

References:
S57 INT 1
Symbol Name: SY(ENTRES51)  
RN: 118

Symbol Explanation: area where entry is prohibited or restricted or to be avoided

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation A,  
CSP RESCSP02 Continuation A

Pivot Point Column: 19.89  
Pivot Point Row: 8.75

Width of Bounding Box: 9.94  
Height of Bounding Box: 9.94

Symbol Colours: TRFCF

Comments: Line weight 0.9 mm;  
Circle line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
</table>
| RESARE | M 29.2  
N 2.1,  2.2 |  
(N 2.2)  
R1:1622921  2  2.2 |

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Symbol Name: SY(ENTRES61)  RN: 119

Symbol Explanation: area where entry is prohibited or restricted or to be avoided, with other cautions

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation A, CSP RESCSP02 Continuation A

Pivot Point Column: 19.89
Pivot Point Row: 8.75

Width of Bounding Box: 11.71
Height of Bounding Box: 10.19

Symbol Colours: TRFCF

CHMGD

Comments: Line weight 0.9 mm;
Circle line weight 0.6 mm; circle diameter 9.94 mm;
Exclamation mark line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>L 3; M 29.1, 29.2; N 31, 34</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ENTRES71)  RN: 120

Symbol Explanation: area where entry is prohibited or restricted or to be avoided, with other information

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation A, CSP RESCSP02 Continuation A

Pivot Point Column: 22.30
Pivot Point Row: 8.75
Width of Bounding Box: 12.35
Height of Bounding Box: 9.94

Symbol Colours:  
- TRFCF
- CHMGD

Comments: Line weight 0.9 mm;
Circle line weight 0.6 mm; circle diameter 9.94 mm;
Line weight of “i” 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 2.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ERBLTIK2)  RN: 121

Symbol Explanation: range mark for an ERBL

Look up table affected: N/A

Called by CSP etc.: CSP VRMEBL01

Pivot Point Column: 6.13
Pivot Point Row: 0.00

Width of Bounding Box: 12.26
Height of Bounding Box: 1.27

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

S57  INT 1
Symbol Name: SY(ESSARE01)    RN: 585

Symbol Explanation: ESSA - centred symbol

Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

Pivot Point Column: 6.35  
Pivot Point Row: 6.35

Width of Bounding Box: 12.70  
Height of Bounding Box: 5.00

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57 E3.1.1</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE, CATREA 27</td>
<td>N22</td>
</tr>
</tbody>
</table>
Symbol Name: SY(EVENTS03)  RN: 122

Symbol Explanation: mariner's event mark

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.50
Pivot Point Row: 2.50

Width of Bounding Box: 5.00
Height of Bounding Box: 5.00

Symbol Colours: NINFO

Comments: Line weight 0.3 mm; point diameter 1.00 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

Non-standard object INT 1
events IEC 61174 Annex E Section 6
Symbol Name: SY(FAIRWY51)  RN: 123

Symbol Explanation:  fairway with one-way traffic in direction indicated

Look up table affected:  area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column:  3.00
Pivot Point Row:  7.50
Width of Bounding Box:  6.00
Height of Bounding Box:  13.50

Symbol Colours:  CHGRD

Comments:  Line weight 0.3 mm
Examples on ENC:  N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>FAIRWY</td>
<td>not specified</td>
</tr>
</tbody>
</table>

Line weight 0.3 mm
Symbol Name: SY(FAIRWY52)

Symbol Explanation: fairway with two-way traffic

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.02
Pivot Point Row: 7.51

Width of Bounding Box: 6.01
Height of Bounding Box: 13.51

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAIRWY</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FLASTK01)  RN: 125

Symbol Explanation: flare stack

Look up table affected: paper chart point symbols, simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 5.57

Width of Bounding Box: 3.00
Height of Bounding Box: 6.07

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 23; L 11</td>
<td>(E 23)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(L 11)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flør</td>
</tr>
<tr>
<td>PRDARE</td>
<td>G 87</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(FLASTK11)

Symbol Explanation: conspicuous flare stack

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 5.57

Width of Bounding Box: 3.00
Height of Bounding Box: 6.07

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

| S57  | INT 1
|------|------
| LNDMRK | E 2, 23; L 11 (E 23) (L 11)

<p>| PRDARE | G 87 |</p>
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(FLDSTR01)</th>
</tr>
</thead>
</table>

**Symbol Explanation:** flood stream, rate at spring tides

**Look up table affected:** paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.01
Pivot Point Row: 4.48

Width of Bounding Box: 2.02
Height of Bounding Box: 9.15

**Symbol Colours:** CHGRD

**Comments:** Line weight 0.3 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS_FEB</td>
<td>H 40</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(FLGSTF01)  
Symbol Explanation: flagstaff, flagpole  
Look up table affected: paper chart point symbols, simplified point symbols  
Pivot Point Column: 1.50  
Pivot Point Row: 4.50  
Width of Bounding Box: 3.00  
Height of Bounding Box: 5.00  

Symbol Colours: LANDF  
Comments: Line weight 0.6 mm; circle diameter 1.0 mm  
Examples on ENC: N/A  
References:  
<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK E 27</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(FLTHAZ02)  RN: 524

Symbol Explanation: Floating hazard to navigation

Look up table affected:
- paper chart point symbols
- area symbols with plain boundaries
- simplified point symbols
- area symbols with symbolized boundaries

Pivot Point Column: 3.24
Pivot Point Row: 3.20
Width of Bounding Box: 6.48
Height of Bounding Box: 6.48

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.48 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOGPON</td>
<td>N 61</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>G 178</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(FOGSIG01) RN: 129

Symbol Explanation: fog signal

Look up table affected: paper chart point symbols simplified point symbols

Pivot Point Column: 6.50
Pivot Point Row: -0.10

Width of Bounding Box: 3.60
Height of Bounding Box: 4.40

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOGSIG</td>
<td>R 1, 10-16, 20-22</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(FORSTC01)  RN: 130

Symbol Explanation: fortified structure

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00
Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours:

LANDF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORSTC</td>
<td>E 34.1-3</td>
</tr>
<tr>
<td></td>
<td>(E 34.1)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FORSTC11)

Symbol Explanation: conspicuous fortified structure

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>FORSTC</th>
<th>E 2, 34.1-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>INT 1</td>
<td>(E 34.1)</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(FOULGND1)  RN: 132

Symbol Explanation: foul area of seabed safe for navigation but not for anchoring

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.01
Pivot Point Row: 1.54

Width of Bounding Box: 3.90
Height of Bounding Box: 3.00

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>K 31</td>
</tr>
<tr>
<td></td>
<td>L 22</td>
</tr>
<tr>
<td></td>
<td>(L 22)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 31</td>
</tr>
<tr>
<td>#</td>
<td>FOUL</td>
</tr>
</tbody>
</table>

Diagram showing the symbol with coordinates and dimensions.
Symbol Name: SY(FRYARE51)  RN: 133

Symbol Explanation: ferry area

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 11.18
Pivot Point Row: 1.35

Width of Bounding Box: 25.60
Height of Bounding Box: 2.98

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERYRT</td>
<td>M 50, 51 (M 50)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FRYARE52)  RN: 134

Symbol Explanation: cable ferry area

Look up table affected:
- area symbols with plain boundaries
- area symbols with symbolized boundaries

Pivot Point Column: 11.18
Pivot Point Row: 1.35

Width of Bounding Box: 25.60
Height of Bounding Box: 2.98

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>M 50, 51</td>
</tr>
<tr>
<td>INT 1</td>
<td>(M 51)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FSHFAC02)  RN: 135

Symbol Explanation: fish trap, fish weir, tunny net

Look up table affected: paper chart point symbols
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.80
Pivot Point Row: 2.15
Width of Bounding Box: 5.11
Height of Bounding Box: 4.38

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHFAC</td>
<td>K 44.2, 45</td>
</tr>
</tbody>
</table>

(K 44.2)

(K 45)
Symbol Name: SY(FSHFAC03)  

Symbol Explanation: fish stakes  
Look up table affected: paper chart point symbols  
          simplified point symbols  
          area symbols with symbolized boundaries  
Pivot Point Column: 3.02  
Pivot Point Row: 0.81  
Width of Bounding Box: 6.04  
Height of Bounding Box: 1.51  

Symbol Colours: CHGRD  

Comments: Line weight 0.3 mm  
Examples on ENC: N/A  

References:  
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHFAC</td>
<td>K 44.1</td>
</tr>
</tbody>
</table>
### Symbol Name:
SY(FSHGRD01)  
RN: 137

### Symbol Explanation:
- fishing ground

### Look up table affected:
- area symbols with plain boundaries
- area symbols with symbolized boundaries

### Pivot Point:
- Column: 6.75  
- Row: 2.44

### Bounding Box:
- Width: 11.04  
- Height: 4.49

### Symbol Colours:
- CHGRD

### Comments:
Line weight 0.6 mm

### Examples on ENC:
N/A

### References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHGRD</td>
<td>not specified</td>
</tr>
</tbody>
</table>

---

*PresLib e3.4 Part I Addendum  
1. Point Symbols and Centred Area Symbols  
January 2008*
Symbol Name: SY(FSHHAV01)  RN: 138

Symbol Explanation: fish haven

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 6.25
Pivot Point Row: 3.10

Width of Bounding Box: 9.84
Height of Bounding Box: 6.16

Symbol Colours: CHGRD

Comments: Line weight 0.6 mm
Dot diameter 0.6 mm; 28 dots around the ellipse

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>FSHFAC</th>
<th>OBSTRN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>K 46.1, 46.2</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(FSHRES51)  RN: 139

Symbol Explanation: area where fishing or trawling is prohibited or restricted

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation C,
CSP RESESP02 Continuation C

Pivot Point Column: -10.48
Pivot Point Row: 10.15

Width of Bounding Box: 10.21
Height of Bounding Box: 6.02

Symbol Colours: CHMGF

Comments: Fish line weight 0.6 mm; bar line weight 0.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 21</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FSHRES61)  RN: 140

Symbol Explanation: area where fishing or trawling is prohibited or restricted, with other cautions

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation C,
                    CSP RESCSP02 Continuation C

Pivot Point Column: -10.48
Pivot Point Row: 10.15

Width of Bounding Box: 11.53
Height of Bounding Box: 6.07

Symbol Colours: CHMGF
                CHMGD

Comments: Fish line weight 0.6 mm; bar line weight 0.9 mm;
          Exclamation mark line weight 0.3 mm;
          Other symbol dimensions like SY(FSHRES51)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 2.1, 25, 34</td>
</tr>
</tbody>
</table>
Symbol Name: SY(FSHRES71)  RN: 141

Symbol Explanation: area where fishing or trawling is prohibited or restricted, with other information

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation C, CSP RESCSP02 Continuation C

Pivot Point Column: -7.82
Pivot Point Row: 10.15
Width of Bounding Box: 12.87
Height of Bounding Box: 6.02

Symbol Colours:
- CHMGF
- CHMGD

Comments: Fish line weight 0.6 mm; bar line weight 0.9 mm; Line weight of \( \frac{1}{4} \) 0.3 mm; Other symbol dimensions like SY(FSHRES51)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 2.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(GATCON03)  RN: 142

Symbol Explanation: navigable lock gate

Look up table affected: line symbols
- paper chart point symbols
- simplified point symbols

Pivot Point Column: 3.50
Pivot Point Row: 3.50

Width of Bounding Box: 7.00
Height of Bounding Box: 7.00

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm
- Circle diameter 7.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATCON</td>
<td>F 41.1, 41.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(GATCON04)  RN: 143

Symbol Explanation: non-navigable lock gate

Look up table affected:
- line symbols
- paper chart point symbols
- simplified point symbols

Pivot Point Column: 3.50
Pivot Point Row: 3.50

Width of Bounding Box: 7.00
Height of Bounding Box: 7.00

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATCON</td>
<td>F 42, 43</td>
</tr>
</tbody>
</table>
Symbol Name: SY(HILTOP01)  RN: 144

Symbol Explanation: hill or mountain top

Look up table affected: paper chart point symbols simplified point symbols

Pivot Point Column: 5.08
Pivot Point Row: 4.39

Width of Bounding Box: 10.07
Height of Bounding Box: 8.36

Symbol Colours: LANDF

Comments: Line weight 0.3 mm; 9 triangles around the ellipse

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLOGRD</td>
<td>C 4, 8; D 14,15; E 35.1; G 27</td>
</tr>
<tr>
<td>SLOTOP</td>
<td>C 3, 4, 8; D 14,15; E 35.1; G 22</td>
</tr>
</tbody>
</table>
Symbol Name: SY(HILTOP11)  RN: 145

Symbol Explanation: conspicuous hill or mountain top

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 5.08
Pivot Point Row: 4.39

Width of Bounding Box: 10.07
Height of Bounding Box: 8.36

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; 9 triangles around the ellipse

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLOGRD</td>
<td>C 4, 8; D 14,15; E 35.1; G 27</td>
</tr>
<tr>
<td>SLOTOP</td>
<td>C 3, 4, 8; D 14,15; E 35.1; G 22</td>
</tr>
</tbody>
</table>
Symbol Name: SY(HRBFAC09)  RN: 146

Symbol Explanation: fishing harbour

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.97
Pivot Point Row: 2.91

Width of Bounding Box: 5.84
Height of Bounding Box: 5.84

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; diameter of the half circles 5.84 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRBFAC</td>
<td>F 10</td>
</tr>
</tbody>
</table>
Symbol Name: SY(HULKES01)  RN: 147

Symbol Explanation: hulk

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.54
Pivot Point Row: 1.41

Width of Bounding Box: 4.88
Height of Bounding Box: 2.66

Symbol Colours:
- CSTLN
- CHBRN

Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HULKES</td>
<td>F 34</td>
</tr>
</tbody>
</table>
Symbol Name: SY(INFARE51)  RN: 148

Symbol Explanation: area with minor restrictions or information notices
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries
Called by CSP etc.: CSP RESARE03,
CSP RESARE03 Continuation E,
CSP RESCSP02
Pivot Point Column: -13.96
Pivot Point Row: 2.55
Width of Bounding Box: 8.04
Height of Bounding Box: 8.05
Symbol Colours: CHMGF
Comments: Line weight 0.6 mm
Examples on ENC: N/A
References:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57 INT 1</td>
<td>CTSARE</td>
</tr>
<tr>
<td>DMPGRD</td>
<td>N 23, 24, 62.1, 62.2</td>
</tr>
<tr>
<td>ICNARE</td>
<td>N 65</td>
</tr>
<tr>
<td>PIPARE</td>
<td>L 40.2, 41.2</td>
</tr>
<tr>
<td>RESARE</td>
<td>N 22, 26</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>SY(INFORM01)</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>this object has additional information available by cursor query</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.83</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>14.05</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>16.01</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>15.98</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>CHMGD</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm; circle diameter 2.16 mm</td>
</tr>
<tr>
<td></td>
<td>See PresLib section 8.6.1.1</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57</td>
</tr>
</tbody>
</table>
Symbol Name: SY(ISODGR01)  RN: 150

Symbol Explanation: isolated danger of depth less than the safety contour

Look up table affected: N/A

Called by CSP etc.: CSP UDWHAZ04

Pivot Point Column: 3.50
Pivot Point Row: 3.50

Width of Bounding Box: 7.00
Height of Bounding Box: 7.00

Symbol Colours:  ISDNG

Comments: IMO PS App.2 1.3

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 1, 31, 40-43.2, 46.1, 46.2; L 20, 21.1-21.3, 22, 43</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 13-14.2, 16; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 26-31</td>
</tr>
</tbody>
</table>

References:
- S57
- INT 1

Examples on ENC: N/A
Symbol Name: SY(ITZARE51)  RN: 151

Symbol Explanation: area of inshore traffic

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 4.96
Pivot Point Row: 4.00

Width of Bounding Box: 11.49
Height of Bounding Box: 9.01

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISTZNE</td>
<td>M 14, 25.1, 25.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LIGHTS11)  RN: 152

Symbol Explanation: light flare, red

Look up table affected: N/A

Called by CSP etc.: CSP LIGHTS05 Continuation A  CSP LIGHTS05 Continuation B

Pivot Point Column: 1.20  Pivot Point Row: 7.05

Width of Bounding Box: 2.32  Height of Bounding Box: 7.05

Symbol Colours: LITRD  OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm  Transparency 50%

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHTS</td>
<td>G 117;  P 1-6, 10.1-11, 11.2, 12-14, 16, 20.1, 30.1-30.3, 31, 40, 41, 43, 45-62, 65;  Q 41;  R 20, 22</td>
</tr>
</tbody>
</table>

(P 46)
Symbol Name: SY(LIGHTS12)  
RN: 153

Symbol Explanation: light flare, green

Look up table affected: N/A

Called by CSP etc.: CSP LIGHTS05 Continuation A  
CSP LIGHTS05 Continuation B

Pivot Point Column: 1.20  
Pivot Point Row: 7.05

Width of Bounding Box: 2.32  
Height of Bounding Box: 7.05

Symbol Colours: LITGN  
OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm  
Transparency 50%

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
</table>
| LIGHTS | G 117;  
P 1-11, 11.3, 12-62, 65;  
Q 41;  
R 20, 22 | (P 21)  
220°  
230°  
240° |
Symbol Name: SY(LIGHTS13)  
RN: 154

Symbol Explanation: light flare, white or yellow

Look up table affected: N/A

Called by CSP etc.: CSP LIGHTS05 Continuation A  
CSP LIGHTS05 Continuation B

Pivot Point Column: 1.20  
Pivot Point Row: 7.05

Width of Bounding Box: 2.32  
Height of Bounding Box: 7.05

Symbol Colours:  
LITYW  
OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm  
Transparency 50%

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHTS</td>
<td></td>
</tr>
<tr>
<td>G 117; P 1-11, 11.1, 11.6, 11.7, 11.8, 12-62, 65; Q 41, 130.3; R 20, 22</td>
<td>(Q 41)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LIGHTS81)  

Symbol Explanation: strip light  
Look up table affected: N/A  
Called by CSP etc.: CSP LIGHTS05  
Pivot Point Column: 1.92  
Pivot Point Row: 1.21  
Width of Bounding Box: 3.74  
Height of Bounding Box: 2.51  

Symbol Colours: CHMGD  
Comments: Line weight 0.3 mm  
Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHTS</td>
<td>P 64</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LIGHTS82)  RN: 156

Symbol Explanation: floodlight
Look up table affected: N/A
Called by CSP etc.: CSP LIGHTS05
Pivot Point Column: 1.16
Pivot Point Row: 1.86
Width of Bounding Box: 5.84
Height of Bounding Box: 3.02

Symbol Colours: CHMGD
Comments: Line weight 0.3 mm; circle diameter 2.32 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHTS</td>
<td>G 70; P 63</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LITDEF11)  RN: 157

Symbol Explanation: light flare

Look up table affected: N/A

Called by CSP etc.: CSP LIGHTS05 Continuation A
CSP LIGHTS05 Continuation B

Pivot Point Column: 1.20
Pivot Point Row: 7.05

Width of Bounding Box: 2.32
Height of Bounding Box: 7.05

Symbol Colours:
- CHMGD
- OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm
Transparency 50%

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHTS G 117; P 1-10, 11, 12-15, 20.1-20.3, 22-61.1, 62; Q 41; R 20, 22</td>
<td>(P 2)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LITFLT01)  RN: 158

Symbol Explanation: light float, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 4.50
Pivot Point Row: 2.50

Width of Bounding Box: 9.00
Height of Bounding Box: 3.22

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>LITFLT</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q 30-31</td>
<td>(Q 30)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Q 31)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LITFLT02)  RN: 159

Symbol Explanation: light float, simplified
Look up table affected: simplified point symbols
Pivot Point Column: 3.07  Pivot Point Row: 1.12
Width of Bounding Box: 6.13  Height of Bounding Box: 2.24

Symbol Colours: CHBLK
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITFLT</td>
<td>Q 30-31</td>
</tr>
<tr>
<td></td>
<td>(Q 30)</td>
</tr>
<tr>
<td></td>
<td>(Q 31)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LITVES01)  RN: 160

Symbol Explanation: light vessel, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 4.50
Pivot Point Row: 6.00

Width of Bounding Box: 9.00
Height of Bounding Box: 6.70

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.4 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITVES</td>
<td>P 6</td>
</tr>
</tbody>
</table>
### Symbol Name: SY(LITVES02)  RN: 161

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>light vessel, simplified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look up table affected:</td>
<td>simplified point symbols</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>3.72</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>1.82</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>7.45</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>3.64</td>
</tr>
</tbody>
</table>

#### Symbol Colours:
- CHBLK

#### Comments:
- Line weight 0.3 mm

#### Examples on ENC:
- N/A

#### References:

<table>
<thead>
<tr>
<th>S57</th>
<th>LITVES</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>P 6</td>
<td></td>
</tr>
</tbody>
</table>

---

**Diagram:**

[Diagram of SY(LITVES02) symbol]
Symbol Name: SY(LNDARE01)

Symbol Explanation: land as a point at small scale

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.03
Pivot Point Row: 1.03

Width of Bounding Box: 2.06
Height of Bounding Box: 2.06

Symbol Colours: LANDA CSTLN

Comments: Circle outline weight 0.6 mm; circle diameter 2.06 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDARE</td>
<td>K 10</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(LOCMAG01)  

Symbol Explanation: cursor pick site for a magnetic anomaly at a point or along a line  

Look up table affected: line symbols  
         paper chart point symbols  
         simplified point symbols  

Pivot Point Column: 1.14  
Pivot Point Row: 4.69  

Width of Bounding Box: 1.81  
Height of Bounding Box: 9.33  

Symbol Colours:  

CHMGD  

Comments: Line weight 0.3 mm  

Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCMAG B 82.1-2</td>
<td>(B 82.1)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(LOCMAG51)  
RN: 164

Symbol Explanation: cursor pick site for a magnetic anomaly over an area

Look up table affected: line symbols  
area symbols with plain boundaries  
area symbols with symbolized boundaries

Pivot Point Column: 2.70  
Pivot Point Row: -21.46

Width of Bounding Box: 3.74  
Height of Bounding Box: 18.59

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCMAG</td>
<td>B 82.1-2 (B 82.2)</td>
</tr>
</tbody>
</table>

Legend: Magnetic Anomaly (see 1956)
Symbol Name: SY(LOWACC01)  RN: 165

Symbol Explanation: point feature or area of low accuracy

Look up table affected: N/A

Called by CSP etc.: CSP QUAPNT02, CSP LOWACC01

Pivot Point Column: 12.30
Pivot Point Row: 13.30

Width of Bounding Box: 11.29
Height of Bounding Box: 12.35

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>not specified</td>
<td>B 7, 8; I 3.1, 3.2</td>
<td>(B 7)</td>
</tr>
<tr>
<td>COALNE</td>
<td>C 2, 12, 32, 33</td>
<td></td>
</tr>
<tr>
<td>DEPCNT</td>
<td>I 31</td>
<td></td>
</tr>
<tr>
<td>OBSTRN</td>
<td>K 43.2</td>
<td></td>
</tr>
<tr>
<td>SOUNDG</td>
<td>I 4, 14</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(MAGVAR01)  RN: 166

Symbol Explanation: cursor pick site for magnetic variation at a point

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.08
Pivot Point Row: 4.47

Width of Bounding Box: 1.81
Height of Bounding Box: 9.15

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
<td>INT 1</td>
</tr>
<tr>
<td>MAGVAR</td>
<td>B 60, 66, 68.1, 70, 71</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(MAGVAR51)  RN: 167

Symbol Explanation: cursor pick site for magnetic variation along a line or over an area

Look up table affected: line symbols
area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 2.53
Pivot Point Row: 36.74

Width of Bounding Box: 3.66
Height of Bounding Box: 18.54

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>MAGVAR</td>
<td>B 60, 66, 70, 71</td>
</tr>
</tbody>
</table>
Symbol Name: SY(MARCUL02)  
RN: 168

Symbol Explanation: fish farm

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 3.53  
Pivot Point Row: 2.02

Width of Bounding Box: 7.05  
Height of Bounding Box: 4.03

Symbol Colours: CHGRD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARCUL</td>
<td>K 47, 48.1 – 2</td>
</tr>
</tbody>
</table>
**Symbol Name:** SY(MONUMT02)  
**RN:** 169

**Symbol Explanation:** monument

**Look up table affected:** paper chart point symbols

**Pivot Point Column:** 1.97  
**Pivot Point Row:** 3.55

**Width of Bounding Box:** 4.00  
**Height of Bounding Box:** 4.06

**Symbol Colours:** LANDF

**Comments:**  
Line weight 0.3 mm; cross bar line weight 0.6 mm  
Circle line weight 0.6 mm; circle diameter 1.0 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK E 24; G 66</td>
<td>(E 24) Mon</td>
</tr>
</tbody>
</table>
Symbol Name: SY(MONUMT12)  RN: 170

Symbol Explanation: conspicuous monument

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.97
Pivot Point Row: 3.55

Width of Bounding Box: 4.00
Height of Bounding Box: 4.06

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; cross bar line weight 0.6 mm
Circle line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 24; G 66</td>
</tr>
</tbody>
</table>
Symbol Name: SY(MORFAC03)  RN: 171

Symbol Explanation: mooring dolphin

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.44
Pivot Point Row: 1.29

Width of Bounding Box: 2.53
Height of Bounding Box: 2.53

Symbol Colours:  LANDA
                CHBLK

Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORFAC</td>
<td>F 20</td>
</tr>
<tr>
<td>SLCONS</td>
<td>G 171</td>
</tr>
</tbody>
</table>
Symbol Name: SY(MORFAC04)  
RN: 172

Symbol Explanation: deviation mooring dolphin

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 1.80  
Pivot Point Row: 5.03

Width of Bounding Box: 3.50  
Height of Bounding Box: 5.03

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORFAC</td>
<td>F 21</td>
</tr>
</tbody>
</table>


Symbol Name: SY(MSTCON04) RN: 173

Symbol Explanation: mast

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 6.00
Width of Bounding Box: 3.00
Height of Bounding Box: 6.50

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td></td>
</tr>
<tr>
<td>E 28, 30.1; G 67, 69; P 61.1, 61.2</td>
<td>(E 28)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(MSTCON14)  RN: 174

Symbol Explanation: conspicuous mast

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 6.00

Width of Bounding Box: 3.00
Height of Bounding Box: 6.50

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK E 28, 30.1; G 67, 69; P 61.1, 61.2</td>
<td>(E 30.1) Radar mast</td>
</tr>
</tbody>
</table>
### Symbol Name:
**SY(NEWOBJ01)**

### Symbol Explanation:
new object

### Look up table affected:
paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

### Pivot Point Column:
3.00

### Pivot Point Row:
3.00

### Width of Bounding Box:
6.00

### Height of Bounding Box:
6.00

### Symbol Colours:
- CHMGD

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:

<table>
<thead>
<tr>
<th>S57 E3.1.1</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEWOBJ</td>
<td>N/A</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>SY(NORTHAR1)</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>north arrow</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.93</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>8.25</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.55</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>15.00</td>
</tr>
</tbody>
</table>

Symbol Colours: SCLBR

Comments: Line weight 0.6 mm
          See PresLib section 8.5.4

Examples on ENC: N/A

References:

| S57 | INT 1 |
Symbol Name: SY(NOTBRD11)  RN: 176

Symbol Explanation: conspicuous notice board

Look up table affected: paper chart point symbols  simplified point symbols

Pivot Point Column: 1.50  
Pivot Point Row: 4.00

Width of Bounding Box: 3.00  
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>BCNSPP</td>
<td>Q 126</td>
</tr>
</tbody>
</table>
Symbol Name: SY(OBSTRN01)  RN: 177

Symbol Explanation: obstruction, depth not stated

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 2.05
Pivot Point Row: 2.05

Width of Bounding Box: 4.10
Height of Bounding Box: 4.10

Symbol Colours:
- DEPVS
- CHBLK

Comments:
Circle line diameter 4.1 mm;
Dot diameter 0.3 mm; 16 dots around the circle

Examples on ENC: N/A

References:
S57  INT 1

OBSTRN  I2, 4;
         K1, 16, 40, 42  (K 1)
Symbol Name: SY(OBSTRN02)  
RN: 178

Symbol Explanation: obstruction in the intertidal area

Look up table affected: N/A

Called by CSP etc.: Earlier version of CSP OBSTRN

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Circle line diameter 4.0 mm;
Dot diameter 0.3 mm; 16 dots around the circle

Examples on ENC: N/A

References: S57  INT 1
Symbol Name: SY(BOBSTRN03)  RN: 526

Symbol Explanation: obstruction which covers and uncovers

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 2.05
Pivot Point Row: 2.05

Width of Bounding Box: 4.10
Height of Bounding Box: 4.10

Symbol Colours:
- DEPIT
- CHBLK

Comments: Circle line diameter 4.1 mm; Dot diameter 0.3 mm; 16 dots around the circle

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>K 1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(OBSTRN11) RN: 179

Symbol Explanation: obstruction in the water which is always above water level

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 1.00
Pivot Point Row: 1.01
Width of Bounding Box: 2.00
Height of Bounding Box: 2.00

Symbol Colours: CSTLN LANDA

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>G 179, 180; L 23</td>
</tr>
<tr>
<td></td>
<td>(L 23)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(OFSPLF01)  RN: 180

Symbol Explanation: offshore platform

Look up table affected: paper chart point symbols simplified point symbols

Pivot Point Column: 2.00  
Pivot Point Row: 2.00 

Width of Bounding Box: 4.00  
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; point diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFSPLF</td>
<td>L 2, 10, 11-15, 17</td>
</tr>
</tbody>
</table>

(L 2)
Symbol Name: SY(OSPONE03) RN: 181

Symbol Explanation: one minute mark for own ship vector
Look up table affected: N/A
Called by CSP etc.: CSP OWNSHP02
Pivot Point Column: 1.00
Pivot Point Row: 0.00
Width of Bounding Box: 2.00
Height of Bounding Box: 0.00

Symbol Colours: SHIPS
Comments: Line weight 0.6 mm
Examples on ENC: N/A
References: IEC 62288 Ed.1

<p>| S57          | INT 1 |</p>
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(OSPSIX03)</th>
<th>RN: 182</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>six minute mark for own ship vector</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP OWNSHP02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

![Symbol Diagram]

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>SHIPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>IEC 62288 Ed.1</td>
</tr>
</tbody>
</table>

<p>| S57 | INT 1 |</p>
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(OWNSHP02)</th>
<th>RN: 183</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>own ship symbol, constant size</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP OWNSHP02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>6.00</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>6.00</td>
<td></td>
</tr>
</tbody>
</table>

Symbol Colours:  
![SHIPS](#)  

Comments:  
Line weight 0.6 mm; inner circle diameter 3.00 mm  
Outer circle diameter 6.00 mm  

Examples on ENC: N/A  

References:  
IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004  
IEC 62288 Ed.1  

<p>| S57 | INT 1 |</p>
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(OWNSHP05)</th>
<th>RN: 184</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>own ship drawn to scale with conning position marked</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP OWNSHP02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>conning position relative to own ship shape</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>according to position offsets</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>scaled according to own ship</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>beam and length</td>
<td></td>
</tr>
</tbody>
</table>

Symbol Colours: SHIPS

Comments: Line weight 0.6 mm
Point diameter 0.92 mm

Examples on ENC: N/A

References: IMO Guidelines for the presentation of navigation-related symbols, terms and abbreviations SN/Circ.243 15.December 2004
IEC 62288 Ed.1

S57 | INT 1
Symbol Name: SY(PASTRK03)  RN: 185

Symbol Explanation: time mark on past track
Look up table affected: N/A
Called by CSP etc.: CSP PASTRK01
Pivot Point Column: 1.50  
Pivot Point Row: 0.00
Width of Bounding Box: 3.00  
Height of Bounding Box: 0.00

Symbol Colours: PSTRK
Comments: Line weight 0.6 mm
Examples on ENC: N/A
References: IEC 62288 Ed.1

| S57 | INT 1 |
Symbol Name: SY(PASTRK04)  RN: 186

Symbol Explanation: time mark on secondary past track
Look up table affected: N/A
Called by CSP etc.: CSP PASTRK01
Pivot Point Column: 1.50
Pivot Point Row: -0.00
Width of Bounding Box: 3.00
Height of Bounding Box: 0.00

Symbol Colours: SYTRK
Comments: Line weight 0.6 mm
Examples on ENC: N/A
References: IEC 62288 Ed.1

S57  INT 1
Symbol Name: SY(PILBOP02)  
Symbol Explanation: pilot boarding place  
Look up table affected: paper chart point symbols  
area symbols with plain boundaries  
simplified point symbols  
area symbols with symbolized boundaries  
Pivot Point Column: 2.59  
Pivot Point Row: 2.69  
Width of Bounding Box: 5.24  
Height of Bounding Box: 5.32  
Symbol Colours:  
CHMGD  
Comments: Line weight 0.3 mm; circle diameter 5.24 mm  
Examples on ENC: N/A  
References:  
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PILBOP T 1.1-1.4</td>
<td>(T 1.1)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PILPNT02)  

Symbol Explanation: pile or bollard

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 1.00  
Pivot Point Row: 1.00

Width of Bounding Box: 2.00  
Height of Bounding Box: 2.00

Symbol Colours: CHBLK

Comments: Point diameter 2.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORFAC</td>
<td>G 181</td>
</tr>
<tr>
<td>PILPNT</td>
<td>F 22; G 179, 180</td>
</tr>
</tbody>
</table>

(F 22)
Symbol Name: SY(PLNPOS01)  RN: 189

Symbol Explanation: surrounding ellipse for arrival date and time at planned position

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: -0.56
Pivot Point Row: 0.00

Width of Bounding Box: 23.82
Height of Bounding Box: 9.19

Symbol Colours: PLRTE

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>plnpos</td>
<td>IEC 61174 Annex E Section 19</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>SY(PLNPOS03)</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
</tbody>
</table>

Symbol Explanation: cross line for planned position

Look up table affected: paper chart point symbols
simplified point symbols

Called by CSP etc.: CSP LEGLIN03 Continuation A

Pivot Point Column: 1.50
Pivot Point Row: -0.00

Width of Bounding Box: 3.00
Height of Bounding Box: 0.00

Symbol Colours: PLRTE

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>pinpos</td>
<td>IEC 61174 Annex E Section 19</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PLNSPD03)  RN: 191

Symbol Explanation: box for speed to make good, planned route

Look up table affected: N/A

Called by CSP etc.: CSP LEGLIN03

Pivot Point Column: -1.74
Pivot Point Row: -1.14

Width of Bounding Box: 8.40
Height of Bounding Box: 5.71

Symbol Colours:  

PLRTE

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
</tr>
<tr>
<td>INT 1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PLNSPD04)  RN: 192

Symbol Explanation: box for speed to make good, alternate route

Look up table affected: N/A

Called by CSP etc.: CSP LEGLIN03

Pivot Point Column: -1.74
Pivot Point Row: -1.14

Width of Bounding Box: 8.40
Height of Bounding Box: 5.71

Symbol Colours: APLRT

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

| S57 | INT 1 |
Symbol Name: SY(POSGEN01)  RN: 193

Symbol Explanation: position of a point feature

Look up table affected: paper chart point symbols simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: LANDF

Comments: Circle line weight 0.6 mm; circle diameter 4.0 mm Point diameter 1.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 10.3, 17</td>
</tr>
<tr>
<td>RADSTA</td>
<td>M 30; S 1</td>
</tr>
</tbody>
</table>

Legend: Red/Smoke Text
Symbol Name: SY(POSGEN03)  RN: 194

Symbol Explanation: position of a conspicuous point feature

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 2.00

Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Pattern: N/V

Comments: Circle line weight 0.6 mm; circle diameter 4.0 mm
Point diameter 1.6 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUISGL</td>
<td>Not specified</td>
</tr>
<tr>
<td>LNDMRK</td>
<td>E 2, 17</td>
</tr>
<tr>
<td>PYLONS</td>
<td>D 26</td>
</tr>
</tbody>
</table>
Symbol Name: SY(POSGEN04)  RN: 195

Symbol Explanation: position of an elevation or control point

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.00
Pivot Point Row: 1.00

Width of Bounding Box: 2.00
Height of Bounding Box: 2.00

Symbol Colours: CHBLK

Pattern: N/V

Comments: Circle line weight 0.6 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHKPNT</td>
<td>not specified</td>
</tr>
<tr>
<td>CTRPNT</td>
<td>B 20-24</td>
</tr>
<tr>
<td>LNDELV</td>
<td>C 10-13, G 24, 25; K 10, 20</td>
</tr>
<tr>
<td>LNDRGN</td>
<td>C 33; G 3-12, 20, 21, 23, 26, 29-33, 35, 36</td>
</tr>
</tbody>
</table>
Symbol Name: SY(POSITN03)  RN: 196

Symbol Explanation: own ship position fix

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.50
Pivot Point Row: 2.50

Width of Bounding Box: 5.00
Height of Bounding Box: 5.00

Symbol Colours: NINFO
Pattern: N/V
Comments: Line weight 0.3 mm
Examples on ENC: N/V
References: IEC 62288 Ed.1

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>positin</td>
<td>IEC 61174 Annex E Section 7, 8</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PRCARE12)  RN: 197

Symbol Explanation: point symbol for traffic precautionary area

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.77
Pivot Point Row: 2.93

Width of Bounding Box: 3.66
Height of Bounding Box: 5.03

Symbol Colours: TRFCD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRCARE</td>
<td>M 16, 24</td>
</tr>
</tbody>
</table>

PresetLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
### Symbol Name: SY(PRCARE51)

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>traffic precautionary area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look up table affected:</td>
<td>area symbols with plain boundaries</td>
</tr>
<tr>
<td></td>
<td>area symbols with symbolized boundaries</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>5.12</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>-8.84</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>10.42</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>13.01</td>
</tr>
</tbody>
</table>

#### Symbol Colours:

- TRFCF

#### Pattern:

- N/V

#### Comments:

- Line weight 0.6 mm

#### Examples on ENC:

- N/V

#### References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
<th>PR CARE</th>
<th>M 16, 24</th>
</tr>
</thead>
</table>

---

PresLib e3.4 Part I Addendum  
1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(PRDISN02)  
RN: 199

Symbol Explanation: mine, quarry

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.55
Pivot Point Row: 2.75

Width of Bounding Box: 5.05
Height of Bounding Box: 4.20

Symbol Colours: LANDF CHBRN

Pattern: N/V

Comments: Hammer head outline weight 0.3 mm; Handle line weight 0.6 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRDARE</td>
<td>E 35.1, 35.2 (E 35.2)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PRICKE03)  
RN: 200

Symbol Explanation: withy, port-hand, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 1.25  
Pivot Point Row: 4.35

Width of Bounding Box: 2.93  
Height of Bounding Box: 4.35

Symbol Colours: CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCNLAT</td>
<td>Q 92</td>
</tr>
</tbody>
</table>
Symbol Name: SY(PRICKE04)  RN: 201

Symbol Explanation: withy, starboard-hand, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 1.41  Pivot Point Row: 4.44

Width of Bounding Box: 2.53  Height of Bounding Box: 4.44

Symbol Colours: CHBLK  Pattern: N/V

Comments: Line weight 0.3 mm  Examples on ENC: N/V

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
<td>INT 1</td>
</tr>
<tr>
<td>BCNLAT</td>
<td>Q 92</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(PSSARE01)  RN: 519
Symbol Explanation: PSSA - centred symbol
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries
Pivot Point Column: 6.35  Pivot Point Row: 6.35
Width of Bounding Box: 12.70  Height of Bounding Box: 5.00

Symbol Colours: CHMGF

Comments: Line weight 0.6 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57 E.3.1.1</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE, CATREA 28</td>
<td>N22</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(QUAPOS01)  RN: 202

Symbol Explanation: position approximate

Look up table affected: N/V

Pivot Point Column: 1.32
Pivot Point Row: 1.56

Width of Bounding Box: 3.51
Height of Bounding Box: 3.07

Symbol Colours: CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>As applicable</td>
<td>B 7</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(QUARRY01)  RN: 203

Symbol Explanation: quarry

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.52
Pivot Point Row: 4.08

Width of Bounding Box: 6.72
Height of Bounding Box: 6.72

Symbol Colours: LANDF

Pattern: N/V

Comments: Circle line weight 0.3 mm; circle diameter 6.72 mm
Hammer line weight 0.6 mm

Examples on ENC: N/V

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>PRDARE</th>
<th>E 35.1, 35.2</th>
<th>(E 35.1)</th>
</tr>
</thead>
</table>
Symbol Name: SY(QUESMRK1)  RN: 204

Symbol Explanation: object which is not sufficiently described to be symbolized, or for which no symbol exists in the symbol library

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries
line symbols

Called by CSP etc.: CSP LIGHTS05 Continuation A

Pivot Point Column: 1.10
Pivot Point Row: 2.22

Width of Bounding Box: 2.20
Height of Bounding Box: 4.43

Symbol Colours: CHMGD

Pattern: N/V

Comments: Question mark line weight 0.3 mm; dot line weight 0.6 mm

Examples on ENC: N/V

References:
S57  INT 1
Not specified
Symbol Name: SY(RACNSP01)

Symbol Explanation: symbol indicating this object is radar conspicuous

Look up table affected: line symbols

Pivot Point Column: 3.04
Pivot Point Row: 3.05

Width of Bounding Box: 6.06
Height of Bounding Box: 6.10

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not specified</td>
<td>S 4, 5</td>
</tr>
<tr>
<td>CBLOHD</td>
<td>D 26</td>
</tr>
<tr>
<td>CONVYR</td>
<td>D 25; G 182</td>
</tr>
<tr>
<td>PIPOHD</td>
<td>D 28</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RADRFL03)  
RN: 206

Symbol Explanation: radar reflector

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 3.04
Pivot Point Row: 3.05

Width of Bounding Box: 6.06
Height of Bounding Box: 6.10

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADRFL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RASCAN01)  RN: 207

Symbol Explanation: radar scanner

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.02
Pivot Point Row: 4.94

Width of Bounding Box: 3.98
Height of Bounding Box: 5.44

Symbol Colours: LANDF

Comments: Line weight 0.3 mm; upper bar line weight 0.6 mm
Circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 30.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RASCAN11)  RN: 208

Symbol Explanation: conspicuous radar scanner

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.07
Pivot Point Row: 4.92

Width of Bounding Box: 3.98
Height of Bounding Box: 5.44

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; upper bar line weight 0.6 mm
Circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 30.3</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(RCLDEF01)  RN: 209

Symbol Explanation: radio calling-in point whose direction is not known

Look up table affected: line symbols
                      paper chart point symbols
                      simplified point symbols

Pivot Point Column:  6.07
Pivot Point Row:    5.17

Width of Bounding Box: 12.09
Height of Bounding Box: 10.37

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm
          Question mark line weight 0.3 mm; dot line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>RDOCAL</td>
<td>M 40</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RCTLPT52)  RN: 210

Symbol Explanation: recommended traffic direction between parts of a traffic separation scheme, or for ships not needing a deep water route

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.97
Pivot Point Row: 6.94

Width of Bounding Box: 5.97
Height of Bounding Box: 13.90

Symbol Colours: TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCTLPT</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RDOCAL02)  RN: 211

Symbol Explanation: radio calling-in point for traffic in one direction only

Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 2.18
Pivot Point Row: 5.19

Width of Bounding Box: 4.36
Height of Bounding Box: 7.37

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDOCAL</td>
<td>M 40</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RDOCAL03)  

Symbol Explanation: radio calling-in point for traffic in both directions  

Look up table affected:  
- line symbols  
- paper chart point symbols  
- simplified point symbols  

Pivot Point Column: 2.18  
Pivot Point Row: 5.19  

Width of Bounding Box: 4.36  
Height of Bounding Box: 10.37  

Symbol Colours:  
- TRFCD  

Comments: Line weight 0.3 mm; circle diameter 4.36 mm  

Examples on ENC: N/A  

References:  
<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDOCAL</td>
<td>M 40</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  
1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(RDOSTA02)

Symbol Explanation: radio station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.97
Pivot Point Row: 2.95

Width of Bounding Box: 5.90
Height of Bounding Box: 5.90

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADSTA</td>
<td>M 30; S 1</td>
</tr>
<tr>
<td>RDOSTA</td>
<td>S 10-16</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RECDEF51)  RN: 214

Symbol Explanation: recommended track as an area, direction not defined in data

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.74
Pivot Point Row: 2.34

Width of Bounding Box: 17.31
Height of Bounding Box: 4.43

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm
Question mark line weight 0.3mm; question mark dot weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTC</td>
<td>M 1, 3-4, 5.1, 5.2, 6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RECTRC55)  RN: 215

Symbol Explanation: recommended two-way track as an area, not based on fixed marks

Look up table affected:
- area symbols with plain boundaries
- area symbols with symbolized boundaries

Pivot Point Column: 1.53
Pivot Point Row: 8.62

Width of Bounding Box: 3.10
Height of Bounding Box: 17.28

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTR</td>
<td>M 4, 5.2, 6, 32.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RECTRC56)  RN: 216

Symbol Explanation: recommended two-way track as an area, based on fixed marks

Look up table affected: area symbols with plain boundaries
                        area symbols with symbolized boundaries

Pivot Point Column: 1.52
Pivot Point Row: 7.45

Width of Bounding Box: 3.10
Height of Bounding Box: 14.86

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td></td>
</tr>
<tr>
<td>M 3, 5.2, 6; P 20.1, 20.2, 30.2</td>
<td>(M 3)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RECTR C57)  RN: 217

Symbol Explanation: recommended one-way track as an area, not based on fixed marks

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.56
Pivot Point Row: 4.95

Width of Bounding Box: 3.08
Height of Bounding Box: 10.25

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td>M 5.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RECTRC58)  RN: 218

Symbol Explanation: recommended one-way track as an area, based on fixed marks

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.57
Pivot Point Row: 6.21

Width of Bounding Box: 3.09
Height of Bounding Box: 12.06

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
</tr>
<tr>
<td>RECTRC</td>
<td>M 5.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(REFPNT02)  
RN: 219

Symbol Explanation: reference point, 'ghost cursor' (user interface)

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 5.00
Pivot Point Row: 5.00

Width of Bounding Box: 10.00
Height of Bounding Box: 10.00

Symbol Colours:  
○ NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>References</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>refpnt</td>
<td>To meet the requirements of IMO PS 1.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RETRFL01)  

Symbol Explanation: retro reflector, paper chart  

Look up table affected: paper chart point symbols  

Pivot Point Column: -3.02  
Pivot Point Row: 3.45  

Width of Bounding Box: 2.04  
Height of Bounding Box: 3.47  

Symbol Colours: CHMGD  

Comments: Line weight 0.3 mm  

Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETRFL</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RETRFL02)  RN: 221

Symbol Explanation: retro reflector, simplified
Look up table affected: simplified point symbols
Pivot Point Column: -2.79
Pivot Point Row: 1.66
Width of Bounding Box: 2.04
Height of Bounding Box: 3.47

Symbol Colours: CHMGD
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETRFL</td>
<td>not specified</td>
</tr>
</tbody>
</table>

RETREFL not specified
Symbol Name: SY(RFNERY01)  RN: 222

Symbol Explanation: refinery

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.41
Pivot Point Row: 3.53

Width of Bounding Box: 6.80
Height of Bounding Box: 6.80

Symbol Colours: LANDF

Comments: Circle line weight 0.3 mm; circle diameter 6.8 mm
Flame and lower bar line weight 0.6 mm
Vertical bar line weight 0.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRDARE</td>
<td>G 87</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RFNERY11)  
RN: 223

Symbol Explanation: conspicuous refinery

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.32
Pivot Point Row: 3.58

Width of Bounding Box: 6.80
Height of Bounding Box: 6.80

Symbol Colours: CHBLK

Comments: Circle line weight 0.3 mm; circle diameter 6.8 mm
Flame and lower bar line weight 0.6 mm
Vertical bar line weight 0.9 mm

Examples on ENC: N/A

References:
S57               INT 1
PRDARE           E 2; G 87
Symbol Name: SY(ROLROL01)  

Symbol Explanation: RoRo terminal
Look up table affected: paper chart point symbols  
area symbols with plain boundaries  
simplified point symbols  
area symbols with symbolized boundaries

Pivot Point Column: 3.67  
Pivot Point Row: 1.42  
Width of Bounding Box: 7.20  
Height of Bounding Box: 3.04

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 1.48 mm

Examples on ENC: N/A

References:
S57  
HRBFAC F 50
Symbol Name: SY(RSCSTA02)  RN: 225

Symbol Explanation: rescue station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.51
Pivot Point Row: 2.00

Width of Bounding Box: 5.00
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSCSTA</td>
<td>T 11-14</td>
</tr>
</tbody>
</table>
Symbol Name: SY(RSRDEF51)

Symbol Explanation: area in which undefined restrictions exist

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03, CSP RESARE03 Continuation E, CSP RESCSP02

Pivot Point Column: 19.79
Pivot Point Row: 8.84

Width of Bounding Box: 13.19
Height of Bounding Box: 9.94

Symbol Colours:
- TRFCF
- CHMGD

Comments: Line weight 0.6 mm; circle diameter 9.94 mm; Other symbol dimensions like SY(CTNARE51)

Examples on ENC: N/A

References:
S57 INT 1
RESARE N 2.1
Symbol Name: SY(RTLDEF51)  RN: 227
Symbol Explanation: recommended route between parts of a traffic separation scheme, or for ships not needing a deep water route, with the direction not specified in the data
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries
Pivot Point Column: 6.18
Pivot Point Row: 6.94
Width of Bounding Box: 11.77
Height of Bounding Box: 13.90
Symbol Colours: TRFCD
CHMGD
Comments: Line weight 0.9 mm
Question mark line weight 0.3 mm; dot line weight 0.6 mm
“Arrow” dimension like RCTLPT52
“Question mark” dimension like QUESMRK1
Examples on ENC: N/A
References:
<p>| | |</p>
<table>
<thead>
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<th></th>
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<td>INT 1</td>
</tr>
<tr>
<td>RCTLPT</td>
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</tr>
</tbody>
</table>
Symbol Name: SY(RTPBCN02)  RN: 228

Symbol Explanation: radar transponder beacon

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.21
Pivot Point Row: 3.04

Width of Bounding Box: 6.43
Height of Bounding Box: 6.08

Symbol Colours: CHMGD

Comments: Line weight 0.6 mm; circle diameter 6.08 mm

Examples on ENC: N/A

References:

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tr>
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<td>S 2-3</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(SAFCON00)  RN: 528

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: 0.65
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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<tbody>
<tr>
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<tr>
<td>DEPCNT</td>
<td>I 30, 31</td>
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<td>(I 30)</td>
<td></td>
</tr>
<tr>
<td>DRGARE</td>
<td>not specified</td>
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</tbody>
</table>
Symbol Name: SY(SAFCON01)  
RN: 529

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65  
Pivot Point Row: 1.25

Width of Bounding Box: 0.75  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW  
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>DEPCNT</th>
<th>DRGARE</th>
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Examples on ENC:
Symbol Name: SY(SAFCON02)  RN: 530

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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DRGARE not specified
Symbol Name: SY(SAFCON03)  RN: 531

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: 0.65
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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</table>
Symbol Name: SY(SAFCON04)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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</table>
Symbol Name: SY(SAFCON05)  RN: 533

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.69
Pivot Point Row: 1.20

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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</table>
Symbol Name: SY(SAFCON06)  

Symbol Explanation: contour label  

Look up table affected: N/A  

Called by CSP etc.: CSP SAFCON01  

Pivot Point Column: 0.65  
Pivot Point Row: 1.25  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW  
- SNDG2  

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm  

Examples on ENC: N/A  

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DRGARE: not specified
Symbol Name: SY(SAFCON07)  RN: 535

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON08)  RN: 536

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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<td>I 30, 31</td>
</tr>
<tr>
<td>DRGARE</td>
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</tbody>
</table>
Symbol Name: SY(SAFCON09)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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<td>I 30, 31</td>
</tr>
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<td></td>
<td>(I 30)</td>
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</tbody>
</table>

DRGARE not specified
Symbol Name: SY(SAFCON10) RN: 538

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -0.75
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDUW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC: N/A

References:
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<td>I 30, 31</td>
</tr>
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</table>

DRGARE | not specified |
Symbol Name: SY(SAFCON11)  RN: 539

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -0.75
Pivot Point Row: 1.25
Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC N/A

References:

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<tr>
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<td>I 30, 31</td>
</tr>
<tr>
<td>DRGARE</td>
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</tr>
</tbody>
</table>
Symbol Name: SY(SAFCON12)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>DEPARE</td>
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<td>DEPCNT</td>
<td>I 30, 31</td>
</tr>
<tr>
<td>DRGARE</td>
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</tr>
</tbody>
</table>

Legend:

- DEPDW: DEPARE not specified
- SNDG2: DEPCNT I 30, 31 (I 30)
Symbol Name: SY(SAFCON13) RN: 541

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -0.75
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:
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<tbody>
<tr>
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<td>DEPCNT</td>
<td>I 30, 31</td>
</tr>
<tr>
<td>DRGARE</td>
<td>not specified</td>
</tr>
</tbody>
</table>

References:
- S57 INT 1
- DEPARE not specified
- DEPCNT I 30, 31
- DRGARE not specified
Symbol Name: SY(SAFCON14)  
Symbol Explanation: contour label  
Look up table affected: N/A  
Called by CSP etc.: CSP SAFCON01  
Pivot Point Column: -0.75  
Pivot Point Row: 1.25  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50  

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm  
Examples on ENC N/A  
References:

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<tr>
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<tbody>
<tr>
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</tr>
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</table>
Symbol Name: SY(SAFCON15)  RN: 543

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
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</tr>
<tr>
<td>DEPCNT</td>
<td>I 30, 31</td>
</tr>
</tbody>
</table>

DRGARE: not specified
Symbol Name: SY(SAFCON16)  RN: 544

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -0.75
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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<tbody>
<tr>
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<td>I 30, 31</td>
</tr>
<tr>
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</tr>
</tbody>
</table>
Symbol Name: SY(SAFCON17)  RN: 545

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
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</tbody>
</table>

| DRGARE | not specified |
## Symbol Name: SY(SAFCON18)

### Symbol Explanation:
- Contour label

### Look up table affected:
- N/A

### Called by CSP etc.:
- CSP SAFCON01

### Pivot Point Column:
- -0.75

### Pivot Point Row:
- 1.25

### Width of Bounding Box:
- 1.25

### Height of Bounding Box:
- 2.50

### Symbol Colours:
- DEPDW
- SNDG2

### Comments:
- Background line weight 0.9 mm; foreground line weight 0.3 mm

### Examples on ENC:
- N/A

### References:

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</tbody>
</table>

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PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(SAFCON19)  RN: 547

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -0.75
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC: N/A

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</tr>
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</table>
Symbol Name: SY(SAFCON20)  RN: 548

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: 1.98
Pivot Point Row: 1.24
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments:
Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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<th>Reference</th>
<th>Description</th>
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</tr>
<tr>
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</tbody>
</table>
Symbol Name: SY(SAFCON21)  RN: 549

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.80
Pivot Point Row: 1.24

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

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<td>I 30, 31</td>
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</table>

Drill down to the referenced sections for detailed information.
Symbol Name: SY(SAFCON22)  RN: 550

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.95
Pivot Point Row: 1.23

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:

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</table>
Symbol Name: SY(SAFCON23)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 2.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

References:

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Symbol Name: SY(SAFCON24) RN: 552

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 2.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW  
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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DRGARE not specified
Symbol Name: SY(SAFCON25)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.95
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(SAFCON26)  
Symbol Explanation: contour label  
Look up table affected: N/A  
Called by CSP etc.: CSP SAFCON01  
Pivot Point Column: 1.98  
Pivot Point Row: 1.25  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50  

Symbol Colours:  
- DEPDW  
- SNDG2  

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm  

Examples on ENC: N/A  

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DRGARE not specified
Symbol Name: SY(SAFCON27)  RN: 555

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.98
Pivot Point Row: 1.18

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON28)  

Symbol Explanation: contour label  
Look up table affected: N/A  
Called by CSP etc.: CSP SAFCON01  
Pivot Point Column: 1.96  
Pivot Point Row: 1.25  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50  

Symbol Colours:  
- DEPDW  
- SNDG2  

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm  
Examples on ENC N/A  

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DRGARE not specified
Symbol Name: SY(SAFCON29)  RN: 557

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.96  
Pivot Point Row: 1.21

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON50)  RN: 558

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -3.25
Pivot Point Row: 0.50
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC: N/A

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Symbol Name: SY(SAFCON51)  
RN: 559

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25  
Pivot Point Row: 0.50

Width of Bounding Box: 0.75  
Height of Bounding Box: 2.50

Symbol Colours:  
DEPDW  
SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE: not specified
Symbol Name: SY(SAFCON52)  RN: 560

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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Symbol Name: SY(SAFCON53) RN: 561

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON54)  RN: 562

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25  Pivot Point Row: 0.50

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE: not specified
Symbol Name: SY(SAFCON55)  RN: 563

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON56) RN: 564

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments:
Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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Symbol Name: SY(SAFCON57)  RN: 565

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25  Pivot Point Row: 0.50

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: DEPDW  SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(SAFCON58)  RN: 566

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -3.25  
Pivot Point Row: 0.50
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE not specified
Symbol Name: SY(SAFCON59) RN: 567

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -3.25
Pivot Point Row: 0.50
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: DEPDW SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC N/A

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References:
- S57 INT 1
- DEPARE not specified
- DEPCNT I 30, 31
- DRGARE not specified
Symbol Name: SY(SAFCON60)  RN: 568

Symbol Explanation: contour label

Look up table affected:  N/A

Called by CSP etc.:  CSP SAFCON01

Pivot Point Column:  -1.85  
Pivot Point Row:  0.50

Width of Bounding Box:  1.25  
Height of Bounding Box:  2.50

Symbol Colours:  DEPDW  SNDG2

Comments:  Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC:  N/A

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Symbol Name: SY(SAFCON61)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE: not specified
Symbol Name: SY(SAFCON62)

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE not specified
Symbol Name: SY(SAFCON63) RN: 571

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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Symbol Name: SY(SAFCON64)  RN: 572

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85  
Pivot Point Row: 0.50

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SAFCON65)  RN: 573

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85  Pivot Point Row: 0.50

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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DRGARE: not specified
Symbol Name: SY(SAFCON66)  RN: 574

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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DRGARE not specified
Symbol Name: SY(SAFCON67)  RN: 575

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85  
Pivot Point Row: 0.50

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:

- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC: N/A

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PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(SAFCON68)  RN: 576

Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

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Symbol Name: SY(SAFCON69)  RN: 577

Symbol Explanation: contour label
Look up table affected: N/A
Called by CSP etc.: CSP SAFCON01
Pivot Point Column: -1.85
Pivot Point Row: 0.50
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:
- DEPDW
- SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm
Examples on ENC: N/A

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Symbol Name: SY(SCALEB10) RN: 229

Symbol Explanation: one mile scale bar for display scales larger than 1/80,000

Look up table affected: N/A

Pivot Point Column: 0.00
Pivot Point Row: 20.00

Width of Bounding Box: 0.01
Height of Bounding Box: 20.00

Symbol Colours: SCLBR CHGRD

Comments: Line weight 1.2 mm
See PresLib section 8.5.3 for instructions on scaling the scale bars.

Examples on ENC: N/A

References:
S57 INT 1
Symbol Name: SY(SCALEB11) RN: 230

Symbol Explanation: 10 mile latitude scale for display scales smaller than 1/80,000

Look up table affected: N/A

Pivot Point Column: 0.00
Pivot Point Row: 20.00

Width of Bounding Box: 0.01
Height of Bounding Box: 20.00

Symbol Colours: SNDG2 SNDG1

Comments: Line weight 1.2 mm
See PresLib section 8.5.3 for instructions on scaling the scale bars.

Examples on ENC: N/A

References:
S57 INT 1
Symbol Name: SY(SILBU01)  RN: 231

Symbol Explanation: silo

Look up table affected: paper chart point symbols  simplified point symbols

Pivot Point Column: 1.50  Pivot Point Row: 1.50

Width of Bounding Box: 3.00  Height of Bounding Box: 3.00

Symbol Colours:
- LANDF
- CHBRN

Comments: Outline weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILTNK</td>
<td>E 33</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SILBUI11)

Symbol Explanation: conspicuous silo

Look up table affected: paper chart point symbols, simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 1.50
Width of Bounding Box: 3.00
Height of Bounding Box: 3.00

Symbol Colours: LANDF, CHBLK

Comments: Outline weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILTNK</td>
<td>E 2, 33</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(SISTAT02)  RN: 233

Symbol Explanation: signal station

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 0.24
Pivot Point Row: 0.24

Width of Bounding Box: 6.40
Height of Bounding Box: 4.25

Symbol Colours: CHWHT, LANDF, CHMGF

Comments: Box outline weight 0.6 mm; point diameter 0.8 mm;
Other dimensions like CGUSTA02

Examples on ENC:

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SISTAT</td>
<td>T 21-25.2, 27</td>
</tr>
<tr>
<td>SISTAW</td>
<td>T 20, 26-36</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SMCFAC02)  RN: 234

Symbol Explanation: yacht harbour, marina

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.40
Pivot Point Row: 3.45

Width of Bounding Box: 6.80
Height of Bounding Box: 6.85

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.8 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRBFAC</td>
<td>U 1.1, 1.2</td>
</tr>
<tr>
<td></td>
<td>(U 1.1)</td>
</tr>
<tr>
<td>SMCFAC</td>
<td>F 17; G 93, 131; U 2-13, 15-30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SNDWAV02)  RN: 235

Symbol Explanation: sand waves

Look up table affected: line symbols paper chart point symbols simplified point symbols

Pivot Point Column: 5.80
Pivot Point Row: 1.01

Width of Bounding Box: 11.79
Height of Bounding Box: 1.79

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNDWAV</td>
<td>J 14</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG00)  RN: 236

Symbol Explanation: deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG01)  RN: 237

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  Pivot Point Row: 1.25

Width of Bounding Box: 0.75  Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG02)  RN: 238

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>SS7</th>
<th>INT 1</th>
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<tbody>
<tr>
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<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
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<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG03)  
RN: 239

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
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<tr>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG04)  RN: 240

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:  SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG05)  
RN: 241

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>INT 1</th>
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<tr>
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<tr>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG06)  RN: 242

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15;</td>
</tr>
<tr>
<td></td>
<td>K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4;</td>
</tr>
<tr>
<td></td>
<td>K 41, 42, 46.2;</td>
</tr>
<tr>
<td></td>
<td>L 20, 21.2;</td>
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<tr>
<td></td>
<td>M 43;</td>
</tr>
<tr>
<td></td>
<td>Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15;</td>
</tr>
<tr>
<td></td>
<td>O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG07)
RN: 243

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG08) RN: 244

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG09) RN: 245

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: [Gray] SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG10)  RN: 246

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG11)  RN: 247

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG12)  RN: 248

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG13)  
RN: 249

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15;</td>
</tr>
<tr>
<td></td>
<td>K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4;</td>
</tr>
<tr>
<td></td>
<td>K 41, 42, 46.2;</td>
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<td></td>
<td>L 20, 21.2;</td>
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<td>M 43;</td>
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<td>Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15;</td>
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<td>O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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References:

- S57 INT 1
- SOUNDG I 2, 4, 10-15; K 17
- OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42
- UWTROC K 11, 12, 14.1, 14.2, 15; O 27
- WRECKS K 21, 22, 26, 27, 30
Symbol Name: SY(SOUNDG14)  RN: 250

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
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<tr>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
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</table>
Symbol Name: SY(SOUNDG15)  RN: 251

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
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<tr>
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<tbody>
<tr>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
<td>WRECKS</td>
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</tbody>
</table>
### Symbol Name: SY(SOUNDG16)

- **Symbol Name:** SY(SOUNDG16)  
- **RN:** 252

### Symbol Explanation:
for deep soundings, greater than safety depth

### Look up table affected:
N/A

### Called by CSP etc.:
CSP SNDFRM03 Continuation A, B

### Pivot Point Column:
1.75

### Pivot Point Row:
1.25

### Width of Bounding Box:
1.25

### Height of Bounding Box:
2.50

### Symbol Colours:
- SNDG1

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:

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<tr>
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<td>I 2, 4, 10-15; K 17</td>
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<tr>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
<td>(K 41)</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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### Symbol Name:
SY(SOUNDG17)

### Symbol Explanation:
for deep soundings, greater than safety depth

### Look up table affected:
N/A

### Called by CSP etc.:
CSP SNDFRM03 Continuation A, B

### Pivot Point Column:
1.75

### Pivot Point Row:
1.00

### Width of Bounding Box:
1.25

### Height of Bounding Box:
2.50

### Symbol Colours:
- SNDG1

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:

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<td>I 2, 4, 10-15; K 17</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 4, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
</tr>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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| Look up table affected: | N/A |
| Called by CSP etc.: | CSP SNDFRM03 Continuation A, B |
| Pivot Point Column: | 1.75 |
| Pivot Point Row: | 1.00 |
| Width of Bounding Box: | 1.25 |
| Height of Bounding Box: | 2.50 |

### Symbol Colours:
- SNDG1

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:

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<td>OBSTRN</td>
<td>I 2, 4; K 4, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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### Symbol Colours:
- SNDG1

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:
Symbol Name: SY(SOUNDG18)  

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 17</td>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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Symbol Name: SY(SOUNDG19)  
RN: 255

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
- SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDG20)  
RN: 256

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG21)  RN: 257

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>1, 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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</table>
# Symbol: SY(SOUNDG22)

### Symbol Name:
SY(SOUNDG22)

### Symbol Explanation:
for deep soundings, greater than safety depth

### Look up table affected:
N/A

### Called by CSP etc.:
CSP SNDFRM03 Continuation A

### Pivot Point Column:
4.00

### Pivot Point Row:
1.25

### Width of Bounding Box:
1.25

### Height of Bounding Box:
2.50

### Symbol Colours:
- SNDG1

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:
- S57 INT 1
- S57 SOUNDG I 2, 4, 10-15; K 17
- S57 OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42
- S57 UWTROC K 11, 12, 14.1, 14.2, 15; O 27
- S57 WRECKS K 21, 22, 26, 27, 30

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**PresLib e3.4 Part I Addendum**  
1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY (SOUNDG23)  
RN: 259

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
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Symbol Name: SY(SOUNDG24)

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDG25)  
RN: 261

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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References:

S57  INT 1
SOUNDG I 2, 4, 10-15; K 17
OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42
UWTROC K 11, 12, 14.1, 14.2,15; O 27
WRECKS K 21, 22, 26, 27, 30
Symbol Name: SY(SOUNDG26)  RN: 262

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDG27)  RN: 263

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG28)  RN: 264

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG29)  RN: 265

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  

SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG30)
RN: 266

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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<td>(K 26)</td>
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Symbol Name: SY(SOUNDG31)  
RN: 267

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A
Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 0.75  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1
Comments: Line weight 0.3 mm
Examples on ENC: N/A

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| SOUNDG | I 2, 4, 10-15;  
K 17  | (I 4) |
| OBSTRN | I 2, 4;  
K 41, 42, 46.2;  
L 20, 21.2;  
M 43;  
Q 42  | (K 41) |
| UWTROC | K 11, 12, 14.1, 14.2,15;  
O 27  | (K 14.1) |
| WRECKS | K 21, 22, 26, 27, 30  | (K 26) |
Symbol Name: SY(SOUNDG32)  
RN: 268

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG33)  RN: 269

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>OBSTRN</td>
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<td>O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG34)  RN: 270

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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Symbol Name: SY(SOUNDG35)  RN: 271

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG36)   RN: 272

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; O 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDG37)  
Symbol Explanation: for deep soundings, greater than safety depth  
Look up table affected: N/A  
Called by CSP etc.: CSP SNDFRM03 Continuation C  
Pivot Point Column: 6.25  
Pivot Point Row: 1.00  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50  

![Diagram of the symbol]

Symbol Colours: SNDG1  
Comments: Line weight 0.3 mm  
Examples on ENC: N/A  

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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG38)  
RN: 274

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 17</td>
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<tr>
<td>OBSTRN</td>
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<td>K 41, 42, 46.2;</td>
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<td>Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15;</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG39)  
RN: 275

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  
SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>1 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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Symbol Name: SY(SOUNDG40)  RN: 276

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 17</td>
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<td></td>
<td>K 41, 42, 46.2;</td>
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<td>L 20, 21.2;</td>
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<td>M 43;</td>
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<td>Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15;</td>
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<td>O 27</td>
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<td>(K 14.1)</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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<td>(K 26)</td>
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Symbol Name: SY(SOUNDG41)

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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Symbol Name: SY(SOUNDG42)  RN: 278

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDG43)  RN: 279

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROCC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
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Symbol Name: SY(SOUNDG44)  RN: 280

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours:  SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG45)  RN: 281

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
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<td>I 2, 4, 10-15; K 17</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG46)

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC:

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<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG47)  

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>SOUNDG</td>
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<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROCs</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG48)  RN: 284

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDG49)
RN: 285

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>L 20, 21.2;</td>
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<td>K 11, 12, 14.1, 14.2, 15;</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(SOUNDG50)  RN: 286

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>SOUNDG</td>
<td>I 2, 4, 10-15;</td>
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<td>K 17</td>
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</table>

| OBSTRN    | I 2, 4;           |
|           | K 41, 42, 46.2;   |
|           | L 20, 21.2;       |
|           | M 43; O 42       |
|           | (K 41) |

| UWTROC    | K 11, 12, 14.1, 14.2,15; |
|           | O 27                 |
|           | (K 14.1) |

| WRECKS    | K 21, 22, 26, 27, 30 |
|           | (K 26) |

Line weight 0.3 mm

Examples on ENC: N/A
Symbol Name: SY(SOUNDG51)  RN: 287

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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References:

S57: S57 INT 1

SOUNDG I 2, 4, 10-15; K 17

OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42

UWTROC K 11, 12, 14.1, 14.2,15; O 27

WRECKS K 21, 22, 26, 27, 30
Symbol Name: SY(SOUNDG52)  
RN: 288

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDG53)  RN: 289

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>K 17</td>
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<td>K 41, 42, 46.2;</td>
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<td>K 11, 12, 14.1, 14.2,15;</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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References:

S57 INT 1

SOUNDG I 2, 4, 10-15; K 17

OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42

UWTROC K 11, 12, 14.1, 14.2,15; O 27

WRECKS K 21, 22, 26, 27, 30
Symbol Name: SY(SOUNDG54)  RN: 290

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG55)  RN: 291

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDG56)

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours:

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>OBSTRN</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG57)  RN: 293

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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**Symbol Name:** SY(SOUNDG58)  
**RN:** 294

**Symbol Explanation:** for deep soundings, greater than safety depth

**Look up table affected:** N/A

**Called by CSP etc.:** CSP SNDFRM03 Continuation A

**Pivot Point Column:** -0.50  
**Pivot Point Row:** 0.00

**Width of Bounding Box:** 1.25  
**Height of Bounding Box:** 2.50

**Symbol Colours:** SNDG1

**Comments:** Line weight 0.3 mm

**Examples on ENC:** N/A

**References:**

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<td>I 2, 4, 10-15;</td>
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<td>K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4;</td>
</tr>
<tr>
<td></td>
<td>K 41, 42, 46.2;</td>
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<td>L 20, 21.2;</td>
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<td>M 43;</td>
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<td></td>
<td>Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15;</td>
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<td>O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG59)  RN: 295

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2,15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDGB1)

Symbol Explanation: symbol for swept sounding, used for deep soundings greater than safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03

Pivot Point Column: 4.10
Pivot Point Row: -1.78

Width of Bounding Box: 6.31
Height of Bounding Box: 1.31

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>as applicable</td>
<td>K 2</td>
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<td>OBSTRN</td>
<td>K 42</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 27</td>
</tr>
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</table>
Symbol Name: SY(SOUNDGC2)  
RN: 298

Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03

Pivot Point Column: 4.27  
Pivot Point Row: 4.27

Width of Bounding Box: 8.54  
Height of Bounding Box: 8.54

Symbol Colours: SNDG1

Comments: Line weight 0.3 mm; circle diameter 8.54 mm

Examples on ENC: N/A

References:

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<tr>
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<td>I 2, 4, 13, 14</td>
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Symbol Name: SY(SOUNDS00) RN: 299

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
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<tr>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS01)  RN: 300

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS02)  
RN: 301

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDS03)  RN: 302

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
<td>(I 10)</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
<td>(L 21.2)</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
<td>(K 15)</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
<td>(K 30)</td>
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</tbody>
</table>
Symbol Name: SY(SOUND04)  RN: 303

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS05)  RN: 304

Symbol Explanation: shallow soundings, less than or equal to the safety depth
Look up table affected: N/A
Called by CSP etc.: CSP SNDFRM03 Continuation B
Pivot Point Column: -0.50
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

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<tr>
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<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
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Symbol Colours: SNDG2
Comments: Line weight 0.3 mm
Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS06)  RN: 305

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
<td>(L 21.2)</td>
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<tr>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDS07)  RN: 306

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDS08) RN: 307

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS09)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -0.50
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDS10)  RN: 309

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS11)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>SOUNDG</td>
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<td>Q 42</td>
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<td>O 27</td>
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<tr>
<td>WRECKS</td>
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<td>(K 30)</td>
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Symbol Name: SY(SOUNDS12)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
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</table>
| SOUNDG | I 2, 4, 10-15;  
        | K 17     |
| OBSTRN | I 2, 4;  
        | K 41, 42, 46.2;  
        | L 20, 21.2;  
        | M 43;  
        | Q 42     |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  
        | O 27     |
| WRECKS | K 21, 22, 26, 27, 30     |

PresLib e3.4 Part 1 Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(SOUNDS13)  RN: 312

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS14)  RN: 313

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG15)  
RN: 314

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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</tr>
</thead>
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| SOUNDG | I 2, 4, 10-15;  
        | K 17   | (I 10)  |
| OBTXRN | I 2, 4;  
        | K 41, 42, 46.2;  
        | L 20, 21.2;  
        | M 43;  
        | Q 42 | (L 21.2) |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  
        | O 27 | (K 15) |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) |
Symbol Name: SY(SOUNDS16)  RN: 315

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>SOUNDG</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDG)

Symbol Colours: SNDG2

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Explanation: shallow soundings, less than or equal to the safety depth

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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

- S57 INT 1
- SOUNDG I 2, 4, 10-15; K 17
- OBSTRN I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42
- UWTROC K 11, 12, 14.1, 14.2, 15; O 27
- WRECKS K 21, 22, 26, 27, 30
Symbol Name: SY(SOUNDS18)  RN: 317

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUND19)  
RN: 318

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 1.75  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDS20)  
RN: 319

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDS21)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 0.75  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>K 41, 42, 46.2;</td>
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<td>Q 42</td>
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<td>(L 21.2)</td>
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<td>O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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<td>(K 30)</td>
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Symbol Name: SY(SOUNDS22)  RN: 321

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS23)  RN: 322

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
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Symbol Name: SY(SOUNDS24)  RN: 323

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>SOUNDG</td>
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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUND25)  RN: 324

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDS26)  
RN: 325

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>K 21, 22, 26, 27, 30</td>
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</table>

PresLib e3.4 Part I Addendum  
1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(SOUNDS27)  RN: 326

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUND28)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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Symbol Name: SY(SOUNDS29)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A, B

Pivot Point Column: 4.00  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
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Symbol Name: SY(SOUNDS30)  RN: 329

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDS31)  RN: 330

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 0.75  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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Symbol Name: SY(SOUNDS32)  RN: 331

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUND33)  
RN: 332

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17 (I 10)</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42 (L 21.2)</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27 (K 15)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30 (K 30)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUND34)  
Symbol Explanation: shallow soundings, less than or equal to the safety depth
Look up table affected: N/A
Called by CSP etc.: CSP SDNFRM03 Continuation C
Pivot Point Column: 6.25
Pivot Point Row: 1.25
Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2
Comments: Line weight 0.3 mm
Examples on ENC: N/A
References:

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<th>INT 1</th>
</tr>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS35)  RN: 334

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours:  ■ SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
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</tr>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS36)  RN: 335

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours:  

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>INT 1</th>
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<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15, 17 (I 10)</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42 (L 21.2)</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27 (K 15)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30 (K 30)</td>
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</table>
Symbol Name: SY(SOUNDS37)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<th>INT 1</th>
</tr>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTRROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS38)  RN: 337

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  Pivot Point Row: 1.25

Width of Bounding Box: 1.25  Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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<tbody>
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<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17 (I 10)</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42 (L 21.2)</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27 (K 15)</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30 (K 30)</td>
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</table>
Symbol Name: SY(SOUND39)  
RN: 338

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

 Called by CSP etc.: CSP SNDFRM03 Continuation C

Pivot Point Column: 6.25  
Pivot Point Row: 1.25

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

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</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS40)  RN: 339

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17 (I 10)</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42 (L 21.2)</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27 (K 15)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30 (K 30)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUND41)  RN: 340

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
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</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
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<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS42)  RN: 341

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
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<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS43)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS44) RN: 343

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDS45)  
RN: 344

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
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<th>INT 1</th>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDS46)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS47) 

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>
Symbol Name: SY(SOUNDS48)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
Symbol Name: SY(SOUNDS49)

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation B

Pivot Point Column: -2.75
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
<tr>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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Symbol Name: SY(SOUNDSS0)  
Symbol Explanation: shallow soundings, less than or equal to the safety depth  
Look up table affected: N/A  
Called by CSP etc.: CSP SNDFRM03 Continuation A  
Pivot Point Column: -0.50  
Pivot Point Row: 0.00  
Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50  
Symbol Colours: SNDG2  
Comments: Line weight 0.3 mm  
Examples on ENC: N/A  
References:  
<table>
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<tr>
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<th>INT 1</th>
</tr>
</thead>
</table>
| SOUNDG | I 2, 4, 10-15;  
K 17 | (I 10) |
| OBSTRN | I 2, 4;  
K 41, 42, 46.2;  
L 20, 21.2;  
M 43;  
Q 42 | (L 21.2) |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  
O 27 | (K 15) |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) |
Symbol Name: SY(SOUNDS51)  RN: 350

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50  Pivot Point Row: 0.00

Width of Bounding Box: 0.75  Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<th>INT 1</th>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
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<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</table>
## Symbol Name:

SY(SOUNDSS52)  

## Symbol Explanation:

Shallow soundings, less than or equal to the safety depth

## Look up table affected:

N/A

## Called by CSP etc.:

CSP SNDFRM03 Continuation A

## Pivot Point Column:

-0.50

## Pivot Point Row:

0.00

## Width of Bounding Box:

1.25

## Height of Bounding Box:

2.50

---

**Symbol Colours:**  

- SNDG2

---

**Comments:**  

Line weight 0.3 mm

---

**Examples on ENC:**  

N/A

---

**References:**

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<th>INT 1</th>
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<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
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<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
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<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
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</tbody>
</table>

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January 2008
Symbol Name: SY(SOUNDS53)  RN: 352

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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<tbody>
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<tr>
<td></td>
<td>O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
<tr>
<td></td>
<td>(L 21.2)</td>
</tr>
<tr>
<td></td>
<td>(K 15)</td>
</tr>
<tr>
<td></td>
<td>(K 30)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSS54)  RN: 353

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSS55)  RN: 354

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSS6)  

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50  
Pivot Point Row: 0.00

Width of Bounding Box: 1.25  
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS57)  RN: 356

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17; (I 10)</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42; (L 21.2)</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27; (K 15)</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30; (K 30)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUND58)  RN: 357

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDS59)  RN: 358

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: -0.50
Pivot Point Row: 0.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUNDG</td>
<td>I 2, 4, 10-15; K 17</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42</td>
</tr>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 14.1, 14.2, 15; O 27</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 22, 26, 27, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSA1)

Symbol Explanation: symbol for drying height, used for shallow soundings, less than or equal to safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03 Continuation A

Pivot Point Column: 2.25
Pivot Point Row: -2.20

Width of Bounding Box: 2.05
Height of Bounding Box: 0.01

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWTROC</td>
<td>K 11</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 21, 30</td>
</tr>
<tr>
<td>SOUNDG</td>
<td>I 15</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSB1)  RN: 360

Symbol Explanation: symbol for swept sounding, used for shallow soundings, less than or equal to safety depth

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03

Pivot Point Column: 4.10
Pivot Point Row: -1.78

Width of Bounding Box: 6.31
Height of Bounding Box: 1.31

Symbol Colours: SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57 as applicable</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>K 42</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 27</td>
</tr>
</tbody>
</table>

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<th>S57 as applicable</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSTRN</td>
<td>K 42</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 27</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SOUNDSC2)  RN: 362

Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

Called by CSP etc.: CSP SNDFRM03

Pivot Point Column: 4.27
Pivot Point Row: 4.27

Width of Bounding Box: 8.54
Height of Bounding Box: 8.54

Symbol Colours:

Comments: Line weight 0.3 mm; circle diameter 8.54 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>as applicable</td>
<td>8 7, 8; 1 1, 3.1, 3.2</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>1 2</td>
</tr>
<tr>
<td>SOUNDG</td>
<td>1 2, 4, 13, 14</td>
</tr>
</tbody>
</table>
Symbol Name: SY(SPRING02)  
RN: 363

Symbol Explanation: spring

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 3.50

Width of Bounding Box: 3.00
Height of Bounding Box: 3.50

Symbol Colours: CHGRD

Comments: Dot diameter 0.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>SPRING</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>J 15</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(SWPARE51)  RN: 364

Symbol Explanation: swept area

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 5.60
Pivot Point Row: 3.08

Width of Bounding Box: 11.01
Height of Bounding Box: 3.04

Symbol Colours: CHGRF

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWPARE</td>
<td>24</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(TIDCUR05)  RN: 365

Symbol Explanation: predicted tidal stream or current direction

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 7.50

Width of Bounding Box: 4.00
Height of Bounding Box: 15.00

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1
Non-standard object INT 1
tidcur IEC 61174 Annex E Section 8
Symbol Name: SY(TIDCUR04) RN: 366

Symbol Explanation: actual tidal stream or current direction

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00
Pivot Point Row: 7.50

Width of Bounding Box: 4.00
Height of Bounding Box: 15.00

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

Non-standard object INT 1

tidcur IEC 61174 Annex E Section 13
Symbol Name: SY(TIDCUR03)  RN: 367

Symbol Explanation: box for current strength

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 10.69
Pivot Point Row: -5.53

Width of Bounding Box: 8.15
Height of Bounding Box: 4.68

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:
Non-standard object INT 1
tidcur IEC 61174 Annex E Section 13
Symbol Name: SY(TIDEHT01)  RN: 368

Symbol Explanation: point for which tide height information is available

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.96
Pivot Point Row: 1.69

Width of Bounding Box: 8.84
Height of Bounding Box: 3.36

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>T_HMON</td>
<td>not specified</td>
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<tr>
<td>T_NHMN</td>
<td>not specified</td>
</tr>
<tr>
<td>T_TIMS</td>
<td>not specified</td>
</tr>
</tbody>
</table>

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Symbol Name: SY(TIDSTR01)  RN: 369

Symbol Explanation: point or area for which a tidal stream table is available

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.80
Pivot Point Row: 2.81

Width of Bounding Box: 5.66
Height of Bounding Box: 5.60

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS_PAD</td>
<td>H 31, 46</td>
</tr>
<tr>
<td>TS_PNH</td>
<td>not specified</td>
</tr>
<tr>
<td>TS_PRH</td>
<td>not specified</td>
</tr>
<tr>
<td>TS_TIS</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TMARDEF1)  RN: 370

Symbol Explanation: topmark for beacons, flag or other shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.08
Pivot Point Row: 9.37

Width of Bounding Box: 0.00
Height of Bounding Box: 3.47

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 10, 82</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TMARDEF2)  RN: 371

Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.67
Pivot Point Row: 8.66

Width of Bounding Box: 1.36
Height of Bounding Box: 3.64

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
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<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TMBYRD01)  RN: 372

Symbol Explanation: timber yard

Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.00
Pivot Point Row: 2.00
Width of Bounding Box: 4.00
Height of Bounding Box: 4.00

Symbol Colours: LANDF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>PRDARE</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F 52</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(TNKCON02)  RN: 373

Symbol Explanation: tank

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.42
Pivot Point Row: 1.41

Width of Bounding Box: 2.84
Height of Bounding Box: 2.84

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

<table>
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<tr>
<th>S57</th>
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<tbody>
<tr>
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<tr>
<td>PRDARE</td>
<td>Not specified</td>
</tr>
<tr>
<td>SILTNK</td>
<td>E 32</td>
</tr>
</tbody>
</table>

Table: Point Symbols and Centred Area Symbols

Tank symbol
Symbol Name: SY(TNKCON12)  RN: 374

Symbol Explanation: conspicuous tank

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.42
Pivot Point Row: 1.41

Width of Bounding Box: 2.84
Height of Bounding Box: 2.84

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
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<tbody>
<tr>
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<td>PRDARE</td>
<td>Not specified</td>
</tr>
<tr>
<td>SILTNK</td>
<td>E 32</td>
</tr>
</tbody>
</table>

\[ \text{Tanks} \]
Symbol Name: SY(TNKFRM01)  
Symbol Explanation: tank farm  
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries  
Pivot Point Column: 3.90  
Pivot Point Row: 4.00  
Width of Bounding Box: 7.66  
Height of Bounding Box: 7.66  

Symbol Colours: LANDF  
Comments: Circle line weight 0.3 mm; circle diameter 7.66 mm  
Point diameter 2.24 mm  
Examples on ENC: N/A  
References:  
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRDARE</td>
<td>E 32</td>
</tr>
</tbody>
</table>

Tank Symbols
Symbol Name: SY(TNKFRM11)  

Symbol Explanation: conspicuous tank farm

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.92
Pivot Point Row: 4.05

Width of Bounding Box: 7.66
Height of Bounding Box: 7.66

Symbol Colours: CHBLK

Comments: Circle line weight 0.3 mm; circle diameter 7.66 mm
Point diameter 2.24 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>E 32</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRDARE</td>
<td>T a n k s</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR02)  RN: 377

Symbol Explanation: topmark for buoys, cone point up, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.10
Pivot Point Row: 6.75

Width of Bounding Box: 2.10
Height of Bounding Box: 1.65

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.1 (Q 9)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR04)  RN: 378

Symbol Explanation: topmark for buoys, cone point down, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45
Pivot Point Row: 6.85

Width of Bounding Box: 2.20
Height of Bounding Box: 1.55

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
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<td>INT 1</td>
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<tr>
<td>TOPMAR</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR05)  
RN: 379

Symbol Explanation: topmark for buoys, 2 cones point upward, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.10  
Pivot Point Row: 9.25

Width of Bounding Box: 2.75  
Height of Bounding Box: 4.05

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 130.3</td>
</tr>
</tbody>
</table>

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Symbol Name: SY(TOPMAR06)  RN: 380

Symbol Explanation: topmark for buoys, 2 cones point downward, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45
Pivot Point Row: 9.05

Width of Bounding Box: 2.80
Height of Bounding Box: 3.70

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.3 (Q 9)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR07)  RN: 381

Symbol Explanation: topmark for buoys, 2 cones base to base, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45
Pivot Point Row: 9.15

Width of Bounding Box: 2.40
Height of Bounding Box: 3.95

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.3</td>
</tr>
</tbody>
</table>

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Symbol Name: SY(TOPMAR08)  RN: 382

Symbol Explanation: topmark for buoys, 2 cones point to point, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.05
Pivot Point Row: 9.05

Width of Bounding Box: 3.30
Height of Bounding Box: 3.85

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR10)   RN: 383

Symbol Explanation: topmark for buoys, sphere, paper-chart
Look up table affected: N/A
Called by CSP etc.: CSP TOPMAR01
Pivot Point Column: -0.35
Pivot Point Row: 6.95
Width of Bounding Box: 1.80
Height of Bounding Box: 1.80

Symbol Colours: CHBLK
Comments: Point diameter 1.8 mm
Examples on ENC: N/A

References:

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.5</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(TOPMAR12)  RN: 384

Symbol Explanation: topmark for buoys, 2 spheres, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.40
Pivot Point Row: 9.15

Width of Bounding Box: 2.20
Height of Bounding Box: 4.00

Symbol Colours: CHBLK

Comments: Point diameter 1.8 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.4</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR13)  RN: 385

Symbol Explanation: topmark for buoys, cylinder, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.30
Pivot Point Row: 7.45

Width of Bounding Box: 2.15
Height of Bounding Box: 2.20

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 11, 30, 130.1</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR14)  
Symbol Explanation: topmark for buoys, board, paper-chart  
Look up table affected: N/A  
Called by CSP etc.: CSP TOPMAR01  
Pivot Point Column: -0.10  
Pivot Point Row: 6.70  
Width of Bounding Box: 2.40  
Height of Bounding Box: 1.40  

Symbol Colours: CHBLK  
Comments: Line weight 0.6 mm  
Examples on ENC: N/A  
References:  
<table>
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<tr>
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</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(TOPMAR16)  RN: 387

Symbol Explanation: topmark for buoys, cube point up, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.30
Pivot Point Row: 7.05

Width of Bounding Box: 2.05
Height of Bounding Box: 1.95

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
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</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR17)

Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.85
Pivot Point Row: 7.60

Width of Bounding Box: 4.21
Height of Bounding Box: 2.63

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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<tbody>
<tr>
<td>TOPMAR</td>
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</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR18)

Symbol Explanation: topmark for buoys, T-Shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.52
Pivot Point Row: 7.60

Width of Bounding Box: 4.21
Height of Bounding Box: 2.63

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR22)  RN: 390

Symbol Explanation: topmark for beacons, cone point up, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10  Pivot Point Row: 7.30

Width of Bounding Box: 2.20  Height of Bounding Box: 1.75

Symbol Colours: CHBLK  Pattern: N/A

Comments: N/A  Examples on ENC: N/A

References:

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<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 10, 82, 110, 130.1</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(TOPMAR24)  RN: 391

Symbol Explanation: topmark for beacons, cone point down, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 7.20

Width of Bounding Box: 2.20
Height of Bounding Box: 1.70

- Symbol Colours: CHBLK

- Comments: N/A

- Examples on ENC: N/A

- References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>TOPMAR</td>
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</tr>
</tbody>
</table>

![Symbol Diagram]
Symbol Name: SY(TOPMAR25)  RN: 392

Symbol Explanation: topmark for beacons, 2 cones point upward, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 9.45

Width of Bounding Box: 2.20
Height of Bounding Box: 3.95

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR26)  RN: 393

Symbol Explanation: topmark for beacons, 2 cones point downward, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10  
Pivot Point Row: 9.30

Width of Bounding Box: 2.20  
Height of Bounding Box: 3.90

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR27)  RN: 394

Symbol Explanation: topmark for beacons, 2 cones base to base, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 9.50

Width of Bounding Box: 2.20
Height of Bounding Box: 3.95

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR28)  RN: 395

Symbol Explanation: topmark for beacons, 2 cones point to point, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 9.40

Width of Bounding Box: 2.20
Height of Bounding Box: 3.90

Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.3</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR30)  
RN: 396

Symbol Explanation: topmark for beacons, sphere, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 7.50

Width of Bounding Box: 2.20
Height of Bounding Box: 2.20

Symbol Colours: CHBLK

Comments: point diameter 2.2 mm

Examples on ENC: N/A

References:
<table>
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<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.5</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR32)

Symbol Explanation: topmark for beacons, 2 spheres, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10
Pivot Point Row: 10.15

Width of Bounding Box: 2.20
Height of Bounding Box: 4.95

Symbol Colours: CHBLK

Comments: Point diameter 2.2 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.4 (Q 110)</td>
</tr>
</tbody>
</table>

Examples on ENC: N/A
Symbol Name: SY(TOPMAR33)  RN: 398

Symbol Explanation: topmark for beacons, cylinder, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.75
Pivot Point Row: 8.00

Width of Bounding Box: 1.50
Height of Bounding Box: 2.45

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 130.1 (Q 110)</td>
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</tbody>
</table>

465
Symbol Name: SY(TOPMAR34)  
RN: 399

Symbol Explanation: topmark for beacons, board, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.20
Pivot Point Row: 7.00

Width of Bounding Box: 2.40
Height of Bounding Box: 1.35

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
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<tr>
<td>TOPMAR</td>
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</tbody>
</table>

Line weight 0.6 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TOPMAR</td>
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</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR36)  RN: 400

Symbol Explanation: topmark for beacons, cube point up, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.30
Pivot Point Row: 7.75

Width of Bounding Box: 2.55
Height of Bounding Box: 2.55

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 110, 123 (Q 123)</td>
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</table>
Symbol Name: SY(TOPMAR65)
RN: 401

Symbol Explanation: topmark for buoys, x-shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.20
Pivot Point Row: 7.18

Width of Bounding Box: 2.79
Height of Bounding Box: 2.26

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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<table>
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<td>SS7</td>
<td>INT 1</td>
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<tr>
<td>TOPMAR</td>
<td>Q 2-5, 9, 10, 50-57, 59, 62, 70, 71, 130.6</td>
</tr>
</tbody>
</table>

(Q 9)
Symbol Name: SY(TOPMAR85)  
RN: 402

Symbol Explanation: topmark for beacons, x-shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10  
Pivot Point Row: 7.50

Width of Bounding Box: 2.20  
Height of Bounding Box: 2.20

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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<tr>
<th></th>
<th>S57</th>
<th>TOPMAR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INT 1</td>
<td>Q 2-5, 10, 82, 110, 130.6</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR86)  

Symbol Explanation: topmark for beacons, upright cross, paper-chart  

Look up table affected: N/A  

Called by CSP etc.: CSP TOPMAR01  

Pivot Point Column: 2.17  
Pivot Point Row: 9.68  

Width of Bounding Box: 4.20  
Height of Bounding Box: 3.99  

Symbol Colours: CHBLK  

Comments: Line weight 0.6 mm  

Examples on ENC: N/A  

References:  

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<tr>
<th>SS7</th>
<th>TOPMAR</th>
<th>INT 1</th>
</tr>
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<tbody>
<tr>
<td>Q 2-5, 10, 82, 110</td>
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<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOPMAR87)

Symbol Explanation: topmark for beacons, besom point down, paper-chart

Look up table affected: N/A

 Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.24
Pivot Point Row: 8.20

Width of Bounding Box: 2.59
Height of Bounding Box: 3.01

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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</thead>
<tbody>
<tr>
<td>TOPMAR</td>
<td>Q 2-5, 10, 82, 91</td>
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</tbody>
</table>

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Symbol Name: SY(TOPMAR88)  RN: 405

Symbol Explanation: topmark for beacons, besom point up, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.33
Pivot Point Row: 8.15

Width of Bounding Box: 2.58
Height of Bounding Box: 3.01

Comments: Line weight 0.3 mm

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>Q 2-5, 10, 82, 91</th>
<th>(Q 91)</th>
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</thead>
<tbody>
<tr>
<td>TOPMAR</td>
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</tbody>
</table>

Symbol Colours: CHBLK

Examples on ENC: N/A
Symbol Name: SY(TOPMAR89)

Symbol Explanation: topmark for beacons, T-shape, paper-chart

Look up table affected: N/A

Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 2.17
Pivot Point Row: 8.73

Width of Bounding Box: 4.20
Height of Bounding Box: 2.80

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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<tr>
<th>S57</th>
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</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Line weight 0.6 mm
Symbol Name: SY(TOWERS01)  RN: 407

Symbol Explanation: tower

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.73
Pivot Point Row: 5.78

Width of Bounding Box: 3.45
Height of Bounding Box: 6.35

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.14 mm

Examples on ENC: N/A

References:

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<tr>
<th></th>
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<th>INT 1</th>
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<tbody>
<tr>
<td>LNDMRK</td>
<td>E 20; G 68</td>
<td>(E 20)</td>
</tr>
<tr>
<td>SILTNK</td>
<td>Not specified</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOWERS02)  RN: 408

Symbol Explanation: water tower

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 5.00
Width of Bounding Box: 3.00
Height of Bounding Box: 5.50

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILTNK</td>
<td>E 21</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(TOWERS03)  RN: 409

Symbol Explanation: conspicuous tower

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75
Pivot Point Row: 5.79

Width of Bounding Box: 3.46
Height of Bounding Box: 6.35

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 1.12 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 20; G 68</td>
</tr>
<tr>
<td>SILTNK</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOWERS05)  RN: 410

Symbol Explanation: radio, television tower
Look up table affected: N/A
Pivot Point Column: 1.50
Pivot Point Row: 7.00
Width of Bounding Box: 3.00
Height of Bounding Box: 7.50

Symbol Colours: LANDF
Comments: Line weight 0.6 mm; circle diameter 1.0 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 29</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOWERS12)

Symbol Explanation: conspicuous water tower

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 5.00

Width of Bounding Box: 3.00
Height of Bounding Box: 5.50

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>SILTNK</td>
<td>E 2, 21</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TOWERS15)  
RN: 412

Symbol Explanation: conspicuous radio, television tower

Look up table affected: N/A

Pivot Point Column: 1.50  
Pivot Point Row: 7.00

Width of Bounding Box: 3.00  
Height of Bounding Box: 7.50

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 29</td>
<td>(E 29)</td>
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</tbody>
</table>

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1. Point Symbols and Centred Area Symbols  
January 2008
Symbol Name: SY(TREPNT04)  RN: 413

Symbol Explanation: general symbol for a tree

Look up table affected: N/A

Pivot Point Column: 1.76
Pivot Point Row: 4.01

Width of Bounding Box: 3.62
Height of Bounding Box: 3.99

Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
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</thead>
<tbody>
<tr>
<td>VEGATN</td>
<td>C 30, 31</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TREPNT05)  RN: 414

Symbol Explanation: mangrove

Look up table affected: N/A

Pivot Point Column: 2.00
Pivot Point Row: 3.00

Width of Bounding Box: 4.00
Height of Bounding Box: 3.00

Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

<table>
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<tr>
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<th>VEGATN</th>
<th>C 32</th>
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<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: SY(TSLDEF51)  RN: 415

Symbol Explanation: one way lane of a traffic separation scheme, with the direction not defined in the data

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.03
Pivot Point Row: 7.50

Width of Bounding Box: 12.09
Height of Bounding Box: 13.50

Symbol Colours:
- TRFCD
- CHMGD (question mark)

Comments:
- Line weight 0.3 mm
- Question mark line weight 0.3 mm; dot line weight 0.6 mm
- Transparency 75%

Examples on ENC: N/A

References:
- S57 INT 1
- DWRTPT M 27.1-2
<table>
<thead>
<tr>
<th>Symbol Name: SY(TSSCRS51)</th>
<th>RN: 416</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation: traffic crossing area</td>
<td></td>
</tr>
<tr>
<td>Look up table affected: area symbols with plain boundaries area symbols with symbolized boundaries</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column: 18.01</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row: -6.02</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box: 9.94</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box: 9.94</td>
<td></td>
</tr>
</tbody>
</table>

Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSSCRS</td>
<td>M 23</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TSSLPT51)  

Symbol Explanation: traffic direction in a one way lane of a traffic separation scheme

Look up table affected:  
area symbols with plain boundaries  
area symbols with symbolized boundaries

Pivot Point Column: 3.00  
Pivot Point Row: 7.50

Width of Bounding Box: 6.00  
Height of Bounding Box: 13.50

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm; transparency 75%.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTPT</td>
<td>M 27.1-2</td>
</tr>
<tr>
<td>TSSLPT</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TSSRON51)  RN: 418

Symbol Explanation: traffic roundabout

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 4.47
Pivot Point Row: 4.57

Width of Bounding Box: 8.95
Height of Bounding Box: 9.15

Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 8.95

Examples on ENC: N/A

References:
S57  INT 1
TSSRON  M 21
Symbol Name: SY(TWRDEF51)

Symbol Explanation: two way route of a traffic separation scheme, with the direction not defined in the data

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.89
Pivot Point Row: 6.94

Width of Bounding Box: 13.61
Height of Bounding Box: 14.03

Symbol Colours: TRFCD
CHMGD (question mark)

Comments: Line weight 0.9 mm
Question mark line weight 0.3 mm; dot line weight 0.6 mm

Examples on ENC: N/A

References:
SS7 INT 1
TWRPT M 28.2
Symbol Name: SY(TWRTPT52)  RN: 420

Symbol Explanation: reciprocal traffic directions in a two-way route of a traffic separation scheme

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.11
Pivot Point Row: 6.94

Width of Bounding Box: 6.11
Height of Bounding Box: 14.03

Symbol Colours: TRFCD

Comments: Line weight 0.9 mm
Other dimensions like TWRDEF51

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>TWRTPT</td>
<td>M 28.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(TWRTPT53)  RN: 421

Symbol Explanation: single traffic direction in a two-way route part of a traffic separation scheme

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 2.97
Pivot Point Row: 6.94

Width of Bounding Box: 5.97
Height of Bounding Box: 13.90

Symbol Colours: TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

| S57 | TWRTPT | INT 1 | M 28.2 |
Symbol Name: SY(UWTROC03)  RN: 424

Symbol Explanation: dangerous underwater rock of uncertain depth

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 2.01
Pivot Point Row: 2.01

Width of Bounding Box: 4.02
Height of Bounding Box: 4.02

Symbol Colours:
- DEPVS
- CHBLK

Comments: Line weight 0.3 mm; circle diameter 4.02 mm
Dot diameter 0.3 mm; 16 dots around the circle

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWTROC</td>
<td>K 13, 16</td>
</tr>
</tbody>
</table>
Symbol Name: SY(UWTROC04)  RN: 425

Symbol Explanation: rock which covers and uncovers or is awash at low water

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation A

Pivot Point Column: 2.03
Pivot Point Row: 1.64

Width of Bounding Box: 4.00
Height of Bounding Box: 3.25

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWTROC</td>
<td>K 11, 12, 15</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  1. Point Symbols and Centred Area Symbols  January 2008
Symbol Name: SY(VECGND02)
RN: 426

Symbol Explanation: arrowhead for own ship vector for course and speed over the ground

Look up table affected: N/A

Called by CSP etc.: CSP OWNSHP02

Pivot Point Column: 1.50
Pivot Point Row: 0.00

Width of Bounding Box: 3.00
Height of Bounding Box: 2.50

Symbol Colours: SHIPS

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

S57 | INT 1
### Symbol Name: SY(VECGND22)

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>arrowhead for ARPA (or AIS) vector for course and speed over the ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.50</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.00</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>2.50</td>
</tr>
</tbody>
</table>

![Symbol Image]

<table>
<thead>
<tr>
<th>Symbol Colours:</th>
<th>ARPAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>IEC 62288 Ed.1</td>
</tr>
</tbody>
</table>

<p>| S57 | INT 1 |</p>
<table>
<thead>
<tr>
<th>Symbol Name: SY(VECWTR02)</th>
<th>RN: 428</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>arrowhead for own ship vector for course and speed through the water</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP OWNSHP02</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.50</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.00</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>1.80</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>SHIPS</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>IEC 62288 Ed.1</td>
</tr>
</tbody>
</table>

S57 | INT 1
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>SY(VECWTR22)</th>
<th>RN: 429</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>arrowhead for ARPA (or AIS) vector for course and speed through the water</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP VESSEL02</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>1.80</td>
<td></td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>ARPAT</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm</td>
<td></td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>References:</td>
<td>IEC 62288 Ed.1</td>
<td></td>
</tr>
</tbody>
</table>

**Example Diagram**

![Diagram of the symbol](image)

| S57 | INT 1 |
Symbol Name: SY(WATTUR02)  
RN: 430

Symbol Explanation: overfalls, eddies and breakers

Look up table affected:
- line symbols
- paper chart point symbols
- area symbols with plain boundaries
- simplified point symbols
- area symbols with symbolized boundaries

Pivot Point Column: 8.50  
Pivot Point Row: 1.49

Width of Bounding Box: 15.18  
Height of Bounding Box: 3.11

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATTUR H 44, 45; K 17</td>
<td>(H 44)</td>
</tr>
<tr>
<td></td>
<td>(H 45)</td>
</tr>
<tr>
<td></td>
<td>(K 17)</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WAYPNT02)  
RN: 431

Symbol Explanation: waypoint on planned route

Look up table affected: paper chart point symbols  
simplified point symbols

Pivot Point Column: 3.00  
Pivot Point Row: 3.00

Width of Bounding Box: 6.00  
Height of Bounding Box: 6.00

Symbol Colours:  
PLRTE

Comments: Line weight 0.9 mm; circle diameter 6.0 mm

Examples on ENC: N/A

References:  
IEC 62288 Ed.1

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>waypnt</td>
<td>IEC 61174 Annex E Section 16</td>
</tr>
</tbody>
</table>

Line weight 0.9 mm; circle diameter 6.0 mm
Symbol Name: SY(WAYPNT04)  RN: 432

Symbol Explanation: waypoint on alternate planned route

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.00
Pivot Point Row: 3.00

Width of Bounding Box: 6.00
Height of Bounding Box: 6.00

Symbol Colours: APLRT

Comments: Line weight 0.3 mm; circle diameter 6.0 mm

Examples on ENC: N/A

References: IEC 62288 Ed.1

<table>
<thead>
<tr>
<th>Non-standard object</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>waypnt</td>
<td>IEC 61174 Annex E Section 16</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WAYPNT11)  
RN: 433

<table>
<thead>
<tr>
<th>Symbol Explanation:</th>
<th>next waypoint on planned route</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>3.00</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>3.00</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>6.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>6.00</td>
</tr>
</tbody>
</table>

**Symbol Colours:**
- PLRTE

**Comments:**
- Line weight 0.6 mm; inner circle diameter 3.96 mm
- Outer circle diameter 6.00 mm

**Examples on ENC:** N/A

**References:**
- S57
- INT 1
Symbol Name: SY(WEDKLP03)  
RN: 434

Symbol Explanation: weed, kelp

Look up table affected: paper chart point symbols  
area symbols with plain boundaries  
simplified point symbols  
area symbols with symbolized boundaries

Pivot Point Column: 5.00  
Pivot Point Row: 1.25

Width of Bounding Box: 10.00  
Height of Bounding Box: 2.50

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEDKLP</td>
<td>J 13.1, 13.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WIMCON01)   RN: 435

Symbol Explanation: wind motor

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 6.13

Width of Bounding Box: 3.68
Height of Bounding Box: 6.63

Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 26</td>
</tr>
<tr>
<td>PRDARE</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 1. Point Symbols and Centred Area Symbols January 2008
Symbol Name: SY(WIMCON11)

Symbol Explanation: conspicuous wind motor

Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 6.13

Width of Bounding Box: 3.68
Height of Bounding Box: 6.63

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 26</td>
</tr>
<tr>
<td>PRDARE</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WNDFRM51)  RN: 437

Symbol Explanation: wind generator farm

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.89
Pivot Point Row: 3.90

Width of Bounding Box: 7.78
Height of Bounding Box: 7.78

Symbol Colours: LANDF

Comments: Line weight 0.6 mm.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
</table>

PRDARE  Not specified
Symbol Name: SY(WNDFRM61)  RN: 438

Symbol Explanation: conspicuous wind generator farm

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.87  
Pivot Point Row: 4.00

Width of Bounding Box: 7.78  
Height of Bounding Box: 7.78

Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 7.78 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td></td>
</tr>
<tr>
<td>PRDARE</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WNDMIL02)  RN: 439

Symbol Explanation: windmill
Look up table affected: paper chart point symbols
Pivot Point Column: 1.50
Pivot Point Row: 3.00
Width of Bounding Box: 3.00
Height of Bounding Box: 4.10

Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 2.2 mm.
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 25.1, 25.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WNDMIL12)

Symbol Explanation: conspicuous windmill

Look up table affected: paper chart point symbols, simplified point symbols

Pivot Point Column: 1.50
Pivot Point Row: 3.00
Width of Bounding Box: 3.00
Height of Bounding Box: 4.10

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 2.20 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDMRK</td>
<td>E 2, 25.1, 25.2</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WRECKS01)  RN: 441

Symbol Explanation: wreck showing any portion of hull or superstructure at level of chart datum

Look up table affected: N/A

Called by CSP etc.: CSP WRECKS03 Continuation A

Pivot Point Column: 3.50
Pivot Point Row: 3.00

Width of Bounding Box: 6.50
Height of Bounding Box: 3.50

Symbol Colours: CHGRD

Comments: Line weight 0.9 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRECKS</td>
<td>K 20, 21, 24, 25</td>
</tr>
</tbody>
</table>

506
Symbol Name: SY(WRECKS04)  RN: 442

Symbol Explanation: non-dangerous wreck, depth unknown

Look up table affected: N/A

Called by CSP etc.: CSP WRECKS03 Continuation A

Pivot Point Column: 2.50
Pivot Point Row: 1.50

Width of Bounding Box: 5.00
Height of Bounding Box: 3.00

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRECKS K 26, 27, 29, 30</td>
<td>(K 29) ++</td>
</tr>
</tbody>
</table>
Symbol Name: SY(WRECKS05)  RN: 443

Symbol Explanation: dangerous wreck, depth unknown

Look up table affected: N/A

Called by CSP etc.: CSP WRECKS03 Continuation A

Pivot Point Column: 2.97
Pivot Point Row: 2.10

Width of Bounding Box: 5.90
Height of Bounding Box: 4.10

Symbol Colours: DEPVS  CHBLK

Comments: Line weight 0.3 mm
Dot diameter 0.3 mm; 16 dots around the ellipse

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRECKS</td>
<td>K 22, 23, 26, 27, 28, 30</td>
</tr>
</tbody>
</table>
2. Complex Linestyles
Symbol Name: LC(ACHARE51)  RN: 469

Symbol Explanation: boundary of an anchorage area
Look up table affected: area symbols with symbolized boundaries
Pivot Point Column: -1.98  
Pivot Point Row: 2.42
Width of Bounding Box: 30.30  
Height of Bounding Box: 5.03

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; Anchor symbol dimensions like point symbol SY(ACHARE02)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHARE</td>
<td>N 12.1-9;</td>
</tr>
</tbody>
</table>
**Symbol Name:** LC(ACHRES51)  
**RN:** 470

**Symbol Explanation:** boundary of an area where anchoring is prohibited or restricted

**Look up table affected:** N/A

**Called by CSP etc.:** CSP RESARE03 Continuation B

**Pivot Point Column:** -3.38  
**Pivot Point Row:** 2.38

**Width of Bounding Box:** 27.29  
**Height of Bounding Box:** 5.03

**Symbol Colours:** CHMGD

**Comments:** Line weight 0.3 mm  
Anchor symbol dimensions like point symbol SY(ACHARE51)

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 20</td>
</tr>
</tbody>
</table>

---

PresLib e3.4 Part I Addendum  
2. Complex Linestyles  
January 2008
Symbol Name: LC(ADMARE01)  RN: 471

Symbol Explanation: jurisdiction boundary

Look up table affected: area symbols with symbolized boundaries
used in earlier versions of area symbols with symbolized boundaries

Pivot Point Column: -2.01
Pivot Point Row: -0.02

Width of Bounding Box: 3.00
Height of Bounding Box: 1.50

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: S57 INT 1
Symbol Name: LC(ARCSLN01)  RN: 520

Symbol Explanation: boundary of archipelago sea lane

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: -2.00
Pivot Point Row: 0.00

Width of Bounding Box: 6.00
Height of Bounding Box: 1.62

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57 E3.1.1</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCSLN</td>
<td>M17</td>
</tr>
</tbody>
</table>
Symbol Name: LC(CBLARE51)  RN: 472

Symbol Explanation: boundary of a submarine cable area

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98  
Pivot Point Row: 2.00

Width of Bounding Box: 30.30  
Height of Bounding Box: 5.00

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; Cable symbol dimensions like cable symbol in line symbol LC(CBLSUB06)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBLARE</td>
<td>L 30.2, 31.2; (L 30.2)</td>
</tr>
<tr>
<td></td>
<td>(L 31.2)</td>
</tr>
</tbody>
</table>
Symbol Name: LC(CBLSUB06)  RN: 473

Symbol Explanation: submarine cable
Look up table affected: line symbols
Pivot Point Column: -0.56  Pivot Point Row: 2.00
Width of Bounding Box: 30.30  Height of Bounding Box: 5.00

Symbol Colours: CHMGD
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBLSUB</td>
<td>L 30.1, 31.1, 32</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(CHCRDEL1)</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>this line has been deleted by a manual update</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-5.43</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>3.99</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>7.99</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>8.04</td>
</tr>
</tbody>
</table>

![Diagram showing bounding box with dimensions 7.99x8.04]

| Symbol Colours: | CHCOR |

| Comments: | Line weight 0.3 mm;  
See PresLib section 8.7.1 |

| Examples on ENC: | N/A |

| References: | S57  INT 1 |
Symbol Name: LC(CHCRID01)  RN: 475

Symbol Explanation: this line has been manually updated

Look up table affected: N/A

Pivot Point Column: -9.41
Pivot Point Row: 1.52

Width of Bounding Box: 3.00
Height of Bounding Box: 3.00

Symbol Colours:
\[ \text{CHCOR} \]

Comments: Line weight 0.3 mm; circle diameter 3.00 mm; See PresLib section 8.7.1

Examples on ENC: N/A

References:
S57 | INT 1
Symbol Name: \( LC(\text{CTNARE51}) \)

Symbol Explanation: boundary of area with a specific caution

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 1.86

Width of Bounding Box: 30.30
Height of Bounding Box: 5.18

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.18 mm; Caution symbol dimensions like point symbol SY(CTNARE51)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTNARE</td>
<td>N 1.1, 1.2</td>
</tr>
<tr>
<td>TSSLPT</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Symbol Name: LC(CTYARE51)  RN: 477

Symbol Explanation: boundary of area to be navigated with caution

Look up table affected: area symbols with symbolized boundaries

Called by CSP etc.: CSP RESARE03, CSP RESARE03 Continuation A, D, E

Pivot Point Column: -2.00
Pivot Point Row: 0.00

Width of Bounding Box: 6.00
Height of Bounding Box: 1.62

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
<td></td>
</tr>
<tr>
<td>CTSARE</td>
<td>N 64</td>
<td></td>
</tr>
<tr>
<td>DMPGRD</td>
<td>N 23-24, 62.1-2</td>
<td>N 23.1</td>
</tr>
<tr>
<td>ICNARE</td>
<td>N 65</td>
<td></td>
</tr>
<tr>
<td>MIPARE</td>
<td>N 30, 32, 33</td>
<td>N 32</td>
</tr>
<tr>
<td>OSPARE</td>
<td>L 1, 4</td>
<td></td>
</tr>
<tr>
<td>PILBOP</td>
<td>T 1.1 - 1.4</td>
<td></td>
</tr>
<tr>
<td>RESARE</td>
<td>N 2.1, 2.2, 34, 63</td>
<td></td>
</tr>
<tr>
<td>SPLARE</td>
<td>N 13</td>
<td></td>
</tr>
<tr>
<td>SUBTLN</td>
<td>N 33</td>
<td></td>
</tr>
<tr>
<td>TWRTPT</td>
<td>M 28.2</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: LC(DWLDEF01)  RN: 478

Symbol Explanation: deep water route centreline, direction not defined in the data

Look up table affected: line symbols

Pivot Point Column: -8.70  
Pivot Point Row: 2.18

Width of Bounding Box: 24.71  
Height of Bounding Box: 5.13

Symbol Colours: TRFC(D

Comments: Line weight 0.3 mm; line weight (question mark dot) 0.6 mm

Examples on ENC: N/A

References:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTCL</td>
<td>M 27.3</td>
</tr>
</tbody>
</table>
Symbol Name: LC(DWRTCL05)  RN: 479

Symbol Explanation: two-way deep water route centreline, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -8.46
Pivot Point Row: 1.60

Width of Bounding Box: 24.00
Height of Bounding Box: 4.55

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm;
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTCL</td>
<td>M 27.3</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(DWRTCL06)</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>two-way deep water route centreline, based on fixed marks</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>line symbols</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-8.46</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>1.60</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>24.00</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>4.55</td>
</tr>
</tbody>
</table>

Symbol Colours:  

| Comments: | Line weight 0.3 mm;  
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01) | |

Examples on ENC:  

| References: | S57 INT 1  
DWRTCL M 27.3 | |
Symbol Name: LC(DWRTCL07)  RN: 481

Symbol Explanation: one-way deep water route centreline, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -9.85
Pivot Point Row: 1.60

Width of Bounding Box: 21.49
Height of Bounding Box: 4.55

Symbol Colours: TRFC

Comments: Line weight 0.3 mm;
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:
| S57 | INT 1 |
| DVRTCL | M 27.3 |
Symbol Name: LC(DWRTCL08)  RN: 482

Symbol Explanation: one-way deep water route centreline, based on fixed-marks

Look up table affected: line symbols

Pivot Point Column: -9.85
Pivot Point Row: 1.60

Width of Bounding Box: 21.49
Height of Bounding Box: 4.55

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm;
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTCL</td>
<td>M 27.3</td>
</tr>
</tbody>
</table>
Symbol Name: LC(DWRUTE51)  RN: 483

Symbol Explanation: boundary of a deep water route

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98  
Pivot Point Row: 0.94

Width of Bounding Box: 30.30  
Height of Bounding Box: 3.05

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DWRTPT</td>
<td>M 27.1-2;</td>
</tr>
</tbody>
</table>
Symbol Name: LC(ENTRES51)  RN: 484

Symbol Explanation: boundary of an area where entry is prohibited or restricted

Look up table affected: N/A

Called by CSP etc.: earlier versions of CSP RESCSP

Pivot Point Column: -3.38
Pivot Point Row: 2.89

Width of Bounding Box: 27.29
Height of Bounding Box: 5.78

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm;
Circle diameter 5.78 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 2.1, 2.2</td>
</tr>
<tr>
<td></td>
<td>(N 2.1)</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(ERBLNA01)</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>electronic range/bearing line, dash</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
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<tr>
<td>Called by CSP etc.:</td>
<td>CSP VRMEBL01</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-2.15</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>-0.05</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>22.04</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>0.00</td>
</tr>
</tbody>
</table>

![Diagram of electronic range/bearing line, dash]

Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

| SS57 | INT 1 |

References:

S57 INT 1
Symbol Name: LC(ESSARE01)  RN: 586

Symbol Explanation: boundary of an ESSA or PSSA

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -2.00
Pivot Point Row: 0.00

Width of Bounding Box: 3.00
Height of Bounding Box: 1.50

Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57 E3.1.1</td>
<td>INT 1</td>
</tr>
<tr>
<td>RESARE, CATREA 27 or 28</td>
<td>N 22</td>
</tr>
</tbody>
</table>
Symbol Name: LC(FERYRT01)  RN: 487

Symbol Explanation: ferry route

Look up table affected: line symbols

Pivot Point Column: -2.00
Pivot Point Row: 0.80

Width of Bounding Box: 19.99
Height of Bounding Box: 1.60

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERYRT</td>
<td>M 50</td>
</tr>
</tbody>
</table>
Symbol Name: LC(FERYRT02)  RN: 488

Symbol Explanation: cable ferry route

Look up table affected: line symbols

Pivot Point Column: -2.00
Pivot Point Row: 0.80

Width of Bounding Box: 19.99
Height of Bounding Box: 1.60

Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERYRT</td>
<td>M 51</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  2. Complex Linestyles  January 2008
Symbol Name: LC(FSHFAC02)  
RN: 489

Symbol Explanation: fishing stakes

Look up table affected: line symbols

Pivot Point Column: -0.35  
Pivot Point Row: 1.51

Width of Bounding Box: 2.02  
Height of Bounding Box: 1.83

Symbol Colours:  
CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHFAC</td>
<td>K 44.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(FSHRES51) RN: 490

Symbol Explanation: boundary of an area where trawling or fishing is prohibited or restricted

Look up table affected: N/A

Called by CSP etc.: CSP RESARE03 Continuation C

Pivot Point Column: -3.38
Pivot Point Row: 1.31

Width of Bounding Box: 27.29
Height of Bounding Box: 3.93

Fishing prohibited symbol dimensions as fragment of the line style

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>SS7</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESARE</td>
<td>N 21</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(LOWACC01)</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>safety contour of low accuracy in position</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>earlier versions of CSP DEPCNT</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-1.71</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.43</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>1.30</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>0.79</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>DEPSC</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.3 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57</td>
</tr>
</tbody>
</table>

![Symbol Diagram]
<table>
<thead>
<tr>
<th>Symbol Name:</th>
<th>LC(LOWACC11)</th>
<th>RN: 493</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol Explanation:</td>
<td>contour of low accuracy in position</td>
<td></td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>earlier versions of CSP DEPCNT</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-1.71</td>
<td></td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>0.43</td>
<td></td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>1.30</td>
<td></td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>0.79</td>
<td></td>
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</tbody>
</table>

Symbol Colours: [DEPCN]

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References: S57 INT 1
Symbol Name: LC(LOWACC21)  RN: 494

Symbol Explanation: coastline or shoreline construction of low accuracy in position

Look up table affected: N/A

Called by CSP etc.: CSP QUALIN01,
                   CSP SLCONS03,
                   CSP SLCONS03 Continuation A

Pivot Point Column: -1.71
Pivot Point Row: 0.43

Width of Bounding Box: 1.30
Height of Bounding Box: 0.79

Symbol Colours: CSTLN

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLCONS</td>
<td>F 30,31; O 89</td>
</tr>
<tr>
<td></td>
<td>(F 31)</td>
</tr>
<tr>
<td>COALNE</td>
<td>C 2, 32, 33; O 89</td>
</tr>
<tr>
<td></td>
<td>(C 2)</td>
</tr>
</tbody>
</table>
### Symbol Name:
LC(LOWACC31)

### Symbol Explanation:
area of wrecks or obstructions of low accuracy

### Look up table affected:
N/A

### Called by CSP etc.:
CSP OBSTRN05 Continuation B

### Pivot Point Column:
-1.71

### Pivot Point Row:
0.43

### Width of Bounding Box:
1.30

### Height of Bounding Box:
0.79

### Symbol Colours:
- CHGRD

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:
<table>
<thead>
<tr>
<th>S57</th>
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</thead>
<tbody>
<tr>
<td>OBSTRN</td>
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</tr>
</tbody>
</table>

---

PresLib e3.4 Part I Addendum  2. Complex Linestyles  January 2008
Symbol Name: LC(LOWACC41)  RN: 496

Symbol Explanation: danger line of low accuracy surrounding a foul area

Look up table affected: N/A

Called by CSP etc.: CSP OBSTRN05 Continuation B, CSP WRECKS03 Continuation B

Pivot Point Column: -1.71
Pivot Point Row: 0.43

Width of Bounding Box: 1.30
Height of Bounding Box: 0.79

Symbol Colours: \textbf{CHBLK}

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>OBSTRN</th>
<th>WRECKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I 3.1, 3.2; O 89</td>
<td>I 3.1, 3.2; O 89</td>
</tr>
</tbody>
</table>

INT 1
Symbol Name: LC(MARSYS51)

Symbol Explanation: boundary between IALA-A and IALA-B systems of lateral buoys and beacons

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 0.03
Pivot Point Row: 1.62
Width of Bounding Box: 25.58
Height of Bounding Box: 3.20

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_NSYS</td>
<td>Q 130.1</td>
</tr>
</tbody>
</table>
## Symbol Name: LC(NAVARE51)

### Symbol Explanation:
Boundary of a navigation feature such as a fairway, magnetic anomaly, etc.

### Look up table affected:
Area symbols with symbolized boundaries

### Pivot Point Column:
-2.00

### Pivot Point Row:
0.00

### Width of Bounding Box:
6.00

### Height of Bounding Box:
1.62

### Symbol Colours:
- CHGRD

### Comments:
Line weight 0.3 mm

### Examples on ENC:
N/A

### References:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>FAIRWY</td>
<td>not specified;</td>
</tr>
<tr>
<td>FERYRT</td>
<td>M 50, 51;</td>
</tr>
<tr>
<td>FSHFAC</td>
<td>K 44.1-2, 45;</td>
</tr>
<tr>
<td>HRBARE</td>
<td>N 49;</td>
</tr>
<tr>
<td>LOCMAG</td>
<td>B 82.1-2; (B 82.1)</td>
</tr>
<tr>
<td>MARCUL</td>
<td>K 47, 48.1 - 2;</td>
</tr>
<tr>
<td>M_NSYS</td>
<td>Q 130-130.6;</td>
</tr>
<tr>
<td>OBSTRN</td>
<td>K 1, 31, 40-43, 46.1-2; L 21, 23; Q 42;</td>
</tr>
<tr>
<td>RECTRC</td>
<td>M 1, 3-4, 5.1, 5.2, 6;</td>
</tr>
<tr>
<td>SNDWAV</td>
<td>J 14;</td>
</tr>
<tr>
<td>SWPARE</td>
<td>I 24;</td>
</tr>
<tr>
<td>WRECKS</td>
<td>K 20-30;</td>
</tr>
</tbody>
</table>
Symbol Name: LC(NEWOBJ01)  

Symbol Explanation: new object  
Look up table affected: line symbols  
Pivot Point Column: -2.00  
Pivot Point Row: 0.00  
Width of Bounding Box: 20.00  
Height of Bounding Box: 1.60  

Symbol Colours: CHMGD  
Comments: Line weight 0.6 mm  
Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>Reference</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57 E3.1.1</td>
<td>INT 1</td>
</tr>
<tr>
<td>NEWOBJ</td>
<td>N/A</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(NONHODAT)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>boundary of non-HO data</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Called by CSP etc.:</td>
<td>CSP DATCVR02</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-0.01</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>-0.01</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>6.01</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>3.00</td>
</tr>
<tr>
<td>Example Colours:</td>
<td>NINFO</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.3 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57 INT 1</td>
</tr>
</tbody>
</table>

![Diagram](image)
Symbol Name: LC(PIPARE51)  RN: 499

Symbol Explanation: boundary of a submarine pipeline area with potentially dangerous contents

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98  Pivot Point Row: 0.27

Width of Bounding Box: 30.30  Height of Bounding Box: 1.90

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIPARE</td>
<td>L 40.2, 41.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(PIPARE61)  
RN: 500  

Symbol Explanation: boundary of a submarine pipeline area with generally non-dangerous contents  

Look up table affected: area symbols with symbolized boundaries  

Pivot Point Column: -1.98  
Pivot Point Row: 0.27  

Width of Bounding Box: 30.30  
Height of Bounding Box: 1.90  

Symbol Colours: CHGRD  

Comments: Line weight 0.3 mm; circle diameter 1.9 mm  

Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIPARE</td>
<td>L 40.2, 41.2;</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum  
2. Complex Linestyles  
January 2008
Symbol Name: LC(PIPSOL05)  

Symbol Explanation: oil, gas pipeline, submerged or on land  
Look up table affected: line symbols  

Pivot Point Column: -3.58  
Pivot Point Row: 0.95  
Width of Bounding Box: 5.89  
Height of Bounding Box: 1.90  

Symbol Colours: CHMGD  
Comments: Line weight 0.3 mm; circle diameter 1.9 mm  
Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIPSOL</td>
<td>D 29; L 42, 44</td>
</tr>
</tbody>
</table>

Examples: Refer to S57 INT 1 for illustrations.
Symbol Name: LC(PIPSOL06)  RN: 502

Symbol Explanation: water pipeline, sewer, etc.

Look up table affected: line symbols

Pivot Point Column: -3.56
Pivot Point Row: 0.57

Width of Bounding Box: 5.12
Height of Bounding Box: 1.14

Symbol Colours: CHGRD

Comments: Line weight 0.6 mm; circle diameter 1.14 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIPSOL</td>
<td>L 41.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(PLNRT04)  
RN: 503

Symbol Explanation: planned route for own ship
Look up table affected: N/A
Called by CSP etc.: CSP LEGLIN03
Pivot Point Column: -0.90
Pivot Point Row: 0.50
Width of Bounding Box: 1.00
Height of Bounding Box: 1.00

Symbol Colours:  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PLRTE</td>
</tr>
</tbody>
</table>

Comments: Point diameter 1.00 mm
Examples on ENC: N/A
References: IEC 62288 Ed.1

| S57 | INT 1 |
Symbol Name: LC(PRCAE51)  
RN: 504

Symbol Explanation: boundary of a precautionary area

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98  
Pivot Point Row: 2.17

Width of Bounding Box: 30.30  
Height of Bounding Box: 5.03

Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRCAE</td>
<td>M 16, 24;</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>LC(QUESMRK1)</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>object which is not sufficiently described to be symbolized, or for which no symbol exists in the symbol library</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>line symbols</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>-2.01</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>2.70</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>15.54</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>4.43</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>CHMGD</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.6 mm; Question mark symbol dimensions like symbol SY(QUESMRK1)</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57 INT 1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RCRDEF11)

Symbol Explanation: regulated recommended route centreline, details not defined

Look up table affected: line symbols

Pivot Point Column: -1.00
Pivot Point Row: 2.45

Width of Bounding Box: 24.00
Height of Bounding Box: 5.06

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCRTCL</td>
<td>M 28.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RCRTCL11)

Symbol Explanation: regulated two-way recommended route centreline, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -1.00
Pivot Point Row: 2.45

Width of Bounding Box: 23.00
Height of Bounding Box: 5.06

Left arrow symbol dimensions as fragment of the line style

Right arrow symbol dimensions as fragment of the line style

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCRCL</td>
<td>M 28.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RCRTCL12)  RN: 508

Symbol Explanation: regulated one-way recommended route centreline, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -1.00  Pivot Point Row: 0.00

Width of Bounding Box: 23.00  Height of Bounding Box: 2.61

Right arrow symbol dimensions as fragment of the line style

Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>RCRTCL</td>
<td>M 28.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RCRTCL13)  
RN: 509

Symbol Explanation: regulated two-way recommended route centreline, based on fixed-marks

Look up table affected: line symbols

Pivot Point Column: -0.50
Pivot Point Row: 2.45

Width of Bounding Box: 23.00
Height of Bounding Box: 5.06

---

Symbol Colours:

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
<td></td>
</tr>
<tr>
<td>RCR TCL</td>
<td>M 28.1</td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: LC(RCRTCL14)  RN: 510

Symbol Explanation: regulated one-way recommended route centreline, based on fixed marks
Look up table affected: line symbols
Pivot Point Column: -0.50  Pivot Point Row: 0.00
Width of Bounding Box: 23.00  Height of Bounding Box: 2.61

Right arrow symbol dimensions as fragment of the line style

Symbol Colours: TRFCD
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCRTCL</td>
<td>M 28.1</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RECDEF02)  RN: 511

Symbol Explanation: non-regulated recommended track, direction not defined in data

Look up table affected: line symbols

Pivot Point Column: -1.96
Pivot Point Row: 2.08

Width of Bounding Box: 22.56
Height of Bounding Box: 4.43

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTR</td>
<td>M 1, 3-6, 32.2; P 20.1, 20.2, 30.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RECTRC09)  RN: 512

Symbol Explanation: non-regulated recommended two-way track, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -1.96
Pivot Point Row: 1.55

Width of Bounding Box: 22.56
Height of Bounding Box: 3.10

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm; Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td>M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 (M 4)</td>
</tr>
<tr>
<td></td>
<td>---&lt;--&gt;-----</td>
</tr>
<tr>
<td></td>
<td>-----&lt;--&gt;----</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RECTRC10)

Symbol Explanation: non-regulated recommended two-way track, based on fixed-marks

Look up table affected: line symbols

Pivot Point Column: -0.30
Pivot Point Row: 1.55

Width of Bounding Box: 20.56
Height of Bounding Box: 3.10

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td>M 1, 3-6, 32.2; P 20.1, 20.2, 30.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RECTRC11)

Symbol Explanation: non-regulated recommended one-way track, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -1.96  
Pivot Point Row: 1.60

Width of Bounding Box: 17.31  
Height of Bounding Box: 3.10

Symbol Colours: CHGRD

Comments: Line weight 0.3 mm; Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td>M 1, 3-6, 32.2; P 20.1, 20.2, 30.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RECTRC12)  
Symbol Explanation: non-regulated recommended one-way track, based on fixed marks  
Look up table affected: line symbols  
Pivot Point Column: -0.34  
Pivot Point Row: 1.60  
Width of Bounding Box: 17.31  
Height of Bounding Box: 3.10  
Symbol Colours: CHGRD  
Comments: Line weight 0.3 mm; Arrow symbol dimensions like used in line symbol LC(DWLDEF01)  
Examples on ENC: N/A  
References:  
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECTRC</td>
<td>M 1, 3-6, 32.2; P 20.1, 20.2, 30.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(RESARE51)  
Symbol Explanation: boundary of a restricted area  
Look up table affected: area symbols with symbolized boundaries  
Pivot Point Column: -2.01  
Pivot Point Row: -0.02  
Width of Bounding Box: 3.04  
Height of Bounding Box: 1.50  
Symbol Colours: CHMGD  
Comments: Line weight 0.3 mm  
Examples on ENC: N/A  
References:  
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISTZNE</td>
<td>M 14, 25.1, 25.2</td>
</tr>
</tbody>
</table>
Symbol Name: LC(SCLBDY51)  RN: 517

Symbol Explanation: chart scale boundary, the double line indicates the larger scale

Look up table affected: N/A

Called by CSP etc.: CSP DATCVR02

Pivot Point Column: -0.01  Pivot Point Row: 0.01

Width of Bounding Box: 6.10  Height of Bounding Box: 2.44

Symbol Colours: CHGRF

Comments: Line weights 0.9 and 0.3 mm

Examples on ENC: N/A

References:
| S57 | INT 1 |
Symbol Name: \text{LC(TIDINF51)} \quad \text{RN: 518}

Symbol Explanation: boundary of an area for which there is tidal information

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 0.00

Width of Bounding Box: 31.31
Height of Bounding Box: 0.00

Symbol Colours: \begin{tabular}{|c|}
  \hline
  CHGRD \\
  \hline
\end{tabular}

Comments: Line weight 0.3 mm; semicircle diameter 3.36 mm
Tidal information symbol dimensions like symbol SY(TIDEHT01)

Examples on ENC: N/A

References:

\begin{tabular}{|l|l|}
  \hline
  S57 & INT 1 \\
  \hline
  TS_FEB & H 40-41 \\
  TS_PAD & H 31 \\
  TS_PNH & Not specified \\
  TS_PRH & Not specified \\
  TS_TIS & Not specified \\
  T_HMON & Not specified \\
  T_NHMN & Not specified \\
  T_TIMS & Not specified \\
  \hline
\end{tabular}
3. Area Pattern
Symbol Name: AP(AIRAREO2)  RN: 444

Symbol Explanation: pattern of symbols for an airport area

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 18.24
Pivot Point Row: 18.04

Width of Bounding Box: 6.18
Height of Bounding Box: 5.28

Symbol Colours: LANDF

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:
<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIRARE</td>
<td>D 17</td>
</tr>
</tbody>
</table>
Symbol Name: AP(DIAMOND1)

Symbol Explanation: area of depth less than the safety contour

Look up table affected: N/A

Called by CSP etc.: CSP SEABED01

Pivot Point Column: 11.25
Pivot Point Row: 21.57

Width of Bounding Box: 22.50
Height of Bounding Box: 43.13

Symbol Colours: DEPCN

Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 0.00
Maximum Distance: 0.00

Comments: Line weight 0.3 mm;
See PresLib section 8.5.7

Examples on ENC: N/A

References:

S57
INT 1
Symbol Name: AP(DQUALA11)  RN: 446

Symbol Explanation: pattern of symbols for a chart of 5m accuracy with full seafloor coverage

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.53
Pivot Point Row: 5.61

Width of Bounding Box: 16.97
Height of Bounding Box: 11.84

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 14.00
Maximum Distance: 14.00

Comments: Line weight 0.3 mm; corner radii 1.2 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M QUAL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

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Symbol Name: AP(DQUALA21) RN: 447

Symbol Explanation: pattern of symbols for a chart with 20m accuracy with full seafloor coverage

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.31
Pivot Point Row: 3.91

Width of Bounding Box: 16.97
Height of Bounding Box: 11.84

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 14.00
Maximum Distance: 14.00

Comments: Line weight 0.3 mm; corner radii 1.2 mm
Further symbol dimensions like AP(DQUALA11)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_QUAL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: **AP(DQUALB01)**

Symbol Explanation: pattern of symbols for a chart with 50m accuracy from standard survey based on lines of continuous soundings

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

<table>
<thead>
<tr>
<th>Pivot Point Column</th>
<th>Pivot Point Row</th>
<th>Width of Bounding Box</th>
<th>Height of Bounding Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.31</td>
<td>3.91</td>
<td>16.97</td>
<td>11.84</td>
</tr>
</tbody>
</table>

Symbol Colours: **CHGRD**

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 14.00
Maximum Distance: 14.00

Comments: Line weight 0.3 mm; corner radii 1.2 mm
Further symbol dimensions like AP(DQUALA11)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MQUAL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: AP(DQUALC01) RN: 449

Symbol Explanation: pattern of symbols for a low accuracy or incomplete chart
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.16
Pivot Point Row: 2.25
Width of Bounding Box: 16.04
Height of Bounding Box: 4.30

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant
Minimum Distance: 16.00
Maximum Distance: 16.00
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_QUAL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: AP(DQUALD01)  
RN: 450

Symbol Explanation: pattern of symbols for an unreliable chart

Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

Pivot Point Column: 8.02  
Pivot Point Row: 2.35

Width of Bounding Box: 16.04  
Height of Bounding Box: 4.30

Symbol Colours: CHGRD

Pattern Type: Staggered  
Pattern Spacing: Constant

Minimum Distance: 16.00  
Maximum Distance: 16.00

Comments: Line weight 0.3 mm  
Further symbol dimensions like AP(DQUALC01)

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_QUAL</td>
<td>Not specified</td>
</tr>
<tr>
<td>Symbol Name:</td>
<td>AP(DQUALU01)</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Symbol Explanation:</td>
<td>pattern of symbols for a chart with quality not assessed</td>
</tr>
<tr>
<td>Look up table affected:</td>
<td>area symbols with plain boundaries</td>
</tr>
<tr>
<td></td>
<td>area symbols with symbolized boundaries</td>
</tr>
<tr>
<td>Pivot Point Column:</td>
<td>8.03</td>
</tr>
<tr>
<td>Pivot Point Row:</td>
<td>2.18</td>
</tr>
<tr>
<td>Width of Bounding Box:</td>
<td>16.04</td>
</tr>
<tr>
<td>Height of Bounding Box:</td>
<td>4.30</td>
</tr>
<tr>
<td>Symbol Colours:</td>
<td>CHGRD</td>
</tr>
<tr>
<td>Pattern Type:</td>
<td>Staggered</td>
</tr>
<tr>
<td>Pattern Spacing:</td>
<td>Constant</td>
</tr>
<tr>
<td>Minimum Distance:</td>
<td>16.00</td>
</tr>
<tr>
<td>Maximum Distance:</td>
<td>16.00</td>
</tr>
<tr>
<td>Comments:</td>
<td>Line weight 0.3 mm</td>
</tr>
<tr>
<td>Examples on ENC:</td>
<td>N/A</td>
</tr>
<tr>
<td>References:</td>
<td>S57 INT 1</td>
</tr>
<tr>
<td>M_QUAL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
Symbol Name: AP(DRGARE01)  RN: 452

Symbol Explanation: dredged area

Look up table affected: N/A

Called by CSP etc.: CSP DEPARE02

Pivot Point Column: 0.00  
Pivot Point Row: 2.00

Width of Bounding Box: 2.00  
Height of Bounding Box: 2.00

Symbol Colours: CHGRD

Pattern Type: Linear  
Pattern Spacing: Constant

Minimum Distance: 1.50  
Maximum Distance: 1.50

Comments: Point diameter 0.3 mm;  
In order to avoid clutter which make other information difficult to read, the  
dot of this pattern should not be larger then 0.3 mm.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th></th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRGARE</td>
<td>120-23</td>
<td>(I 21)</td>
</tr>
</tbody>
</table>

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Symbol Name: AP(FOULAR01)  RN: 453

Symbol Explanation: foul area, not safe for navigation
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries
Called by CSP etc.: CSP OBSTRN05 Continuation C
Pivot Point Column: -1.83
Pivot Point Row: -1.22
Width of Bounding Box: 5.70
Height of Bounding Box: 6.84

Symbol Colours: CHGRD
Pattern Type: Linear
Pattern Spacing: Constant
Minimum Distance: 1.50
Maximum Distance: 1.50
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>OBSTRN</th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>K 1, 31, 40-42, 43.1, 46.1, 46.2</td>
<td>(K 31)</td>
<td># FOULAR01</td>
</tr>
</tbody>
</table>
Symbol Name: AP(FSHFAC03)  RN: 454

Symbol Explanation: pattern of symbols for an area with fishing stakes

Look up table affected: area symbols with plain boundaries

Pivot Point Column: 15.08
Pivot Point Row: -0.05

Width of Bounding Box: 6.04
Height of Bounding Box: 1.51

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHFAC</td>
<td>K 44.1</td>
</tr>
</tbody>
</table>
Symbol Name: AP(FSHFAC04)  RN: 455

Symbol Explanation: pattern of symbols for an area with fish traps, fish weirs, tunny nets

Look up table affected: area symbols with plain boundaries

Pivot Point Column: 12.61  Pivot Point Row: -2.27

Width of Bounding Box: 5.11  Height of Bounding Box: 4.38

Symbol Colours: CHGRD

Pattern Type: Staggered  Pattern Spacing: Constant

Minimum Distance: 20.00  Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHFAC</td>
<td>K 44.2, 45;</td>
</tr>
<tr>
<td></td>
<td>(K 44.2)</td>
</tr>
<tr>
<td></td>
<td>(K 45)</td>
</tr>
</tbody>
</table>
Symbol Name: AP(FSHHAV02)RN: 456

Symbol Explanation: pattern of symbols for a fish haven

Look up table affected: area symbols with plain boundaries

Pivot Point Column: 14.90
Pivot Point Row: 1.35

Width of Bounding Box: 7.90
Height of Bounding Box: 3.20

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Source</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>FSHFAC</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part 1 Addendum 3. Area Pattern January 2008
**Symbol Name:** AP(ICEARE04)  
**RN:** 457

**Symbol Explanation:** continuous pattern for an ice area (glacier, etc.)

**Look up table affected:**
- area symbols with plain boundaries
- area symbols with symbolized boundaries

**Pivot Point Column:** -1.31  
**Pivot Point Row:** 14.35

**Width of Bounding Box:** 14.34  
**Height of Bounding Box:** 13.31

**Symbol Colours:** CHGRD

**Pattern Type:** Linear  
**Pattern Spacing:** Constant

**Minimum Distance:** 0.00  
**Maximum Distance:** 0.00

**Comments:** Line weight 0.3 mm  
seven short lines in given bounding box should cause uniform pattern on covered object

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICEARE</td>
<td>C 25; N 60.1, 60.2</td>
</tr>
</tbody>
</table>
Symbol Name: AP(MARCU02)  RN: 458

Symbol Explanation: pattern of symbols for a marine farm

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 19.93
Pivot Point Row: -1.99

Width of Bounding Box: 7.05
Height of Bounding Box: 4.03

Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARCU L</td>
<td>K 47, 48.1, 48.2</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symbol Name: AP(MARSHES1)  RN: 459

Symbol Explanation: pattern of symbols for a marsh
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 2.00
Pivot Point Row: 5.17

Width of Bounding Box: 4.00
Height of Bounding Box: 3.93

Symbol Colours: CHBRN

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 15.00
Maximum Distance: 15.00

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNDRGN</td>
<td>C 33</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part 1 Addendum  3. Area Pattern  January 2008
Symbol Name: AP(NODATA03)  
RN: 460  

Symbol Explanation: area of no chart data  
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries  

Called by CSP etc.: CSP DATCVR02  
Pivot Point Column: 6.00  
Pivot Point Row: 3.95  
Width of Bounding Box: 6.02  
Height of Bounding Box: 3.96  

Symbol Colours: CHGRD  

Pattern Type: Staggered  
Pattern Spacing: Constant  
Minimum Distance: 1.00  
Maximum Distance: 1.00  
Comments: Line weight 0.6 mm  
Examples on ENC: N/A  

References:  

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_QUAL</td>
<td>Not specified</td>
</tr>
<tr>
<td>UNSARE</td>
<td>125</td>
</tr>
</tbody>
</table>

Exhaustively surveyed (see notes)
Symbol Name: AP(OVERSC01)  
Symbol Explanation: over scale part of a display containing data from more than one navigation purpose
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries
Called by CSP etc.: CSP DATCVR02

Pivot Point Column: 8.00  
Pivot Point Row: 4.00
Width of Bounding Box: 9.00  
Height of Bounding Box: 4.00

Symbol Colours: CHGRD
Pattern Type: Linear  
Pattern Spacing: Constant
Minimum Distance: 0.00  
Maximum Distance: 0.00
Comments: Line weight 0.3 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>M_CSCL</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

PresLib e3.4 Part I Addendum 3. Area Pattern January 2008
Symbol Name: AP(PRSTUR01)  RN: 462

Symbol Explanation: incompletely surveyed area
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries
Pivot Point Column: -1.01
Pivot Point Row: -1.01
Width of Bounding Box: 2.01
Height of Bounding Box: 0.00

Symbol Colours: CHGRD
Pattern Type: Staggered
Pattern Spacing: Constant
Minimum Distance: 10.00
Maximum Distance: 10.00
Comments: Line weight 0.6 mm
Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Source</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>S57</td>
<td>INT 1</td>
</tr>
<tr>
<td>DEPARE</td>
<td>Not specified</td>
</tr>
</tbody>
</table>
### Symbol Name: AP(QUESMRK1)  RN: 463

**Symbol Explanation:** pattern of symbols for an area which is not sufficiently described to be symbolized, or for which no symbol exists in the symbol library

**Look up table affected:** default pattern for first line of earlier area symbols

**Called by CSP etc.:** CSP TOPMAR01

- **Pivot Point Column:** 1.08
- **Pivot Point Row:** 2.74
- **Width of Bounding Box:** 2.20
- **Height of Bounding Box:** 4.43

**Symbol Colours:** CHMGD

- **Pattern Type:** Staggered
- **Pattern Spacing:** Constant
- **Minimum Distance:** 20.00
- **Maximum Distance:** 20.00

**Comments:** Line weight (question mark) 0.3 mm; Line weight (question mark dot) 0.6 mm

**Examples on ENC:** N/A

**References:**

| S57 | INT 1 |

---

PresLib v3.4 Part I Addendum  
3. Area Pattern  
January 2008
Symbol Name: AP(RCKLDG01)  RN: 464

Symbol Explanation: rock or coral drying ledges

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: -0.06
Pivot Point Row: 13.38

Width of Bounding Box: 15.41
Height of Bounding Box: 13.32

Symbol Colours: LANDF

Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 0.00
Maximum Distance: 0.00

Comments: Line weight 0.3 mm
The seven "v" symbols in the box illustrated should form a continuous uniform pattern over the area of the object being symbolized.

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>Reference</th>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBDARE</td>
<td>J 9, 10, 21, 22, 38</td>
<td>(J 22)</td>
</tr>
</tbody>
</table>
**Symbol Name:** AP\(\text{SNDWAV01}\)  
**RN:** 465

**Symbol Explanation:** pattern of symbols for sand waves

**Look up table affected:**  
area symbols with plain boundaries  
area symbols with symbolized boundaries

**Pivot Point Column:** -0.08  
**Pivot Point Row:** 1.83

**Width of Bounding Box:** 11.79  
**Height of Bounding Box:** 1.79

**Symbol Colours:** CHGRD

**Pattern Type:** Staggered  
**Pattern Spacing:** Constant

**Minimum Distance:** 20.00  
**Maximum Distance:** 20.00

**Comments:** Line weight 0.3 mm

**Examples on ENC:** N/A

**References:**

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNDWAV</td>
<td>J 14</td>
</tr>
</tbody>
</table>
Symbol Name: AP(TSSJCT02) RN: 466

Symbol Explanation: precautionary area or a traffic separation scheme crossing or roundabout

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 0.00
Pivot Point Row: 5.00

Width of Bounding Box: 5.00
Height of Bounding Box: 5.00

Symbol Colours: TRFCF

Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 0.00
Maximum Distance: 0.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRCARE</td>
<td>M 16, 24</td>
</tr>
<tr>
<td>TSSCRS</td>
<td>M 23</td>
</tr>
<tr>
<td>TSSLPT</td>
<td>M 10</td>
</tr>
<tr>
<td>TSSRON</td>
<td>M 21</td>
</tr>
</tbody>
</table>
Symbol Name: AP(VEGATN03) RN: 467

Symbol Explanation: pattern of symbols for wooded areas

Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.75
Pivot Point Row: 3.98

Width of Bounding Box: 3.62
Height of Bounding Box: 3.99

Symbol Colours: LANDF

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 10.00
Maximum Distance: 10.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEGATN C 14, 30, 31.1-31.8; G 37-39</td>
<td>(C 30) [Wooded] (C 31.4) [Forest]</td>
</tr>
</tbody>
</table>
Symbol Name: AP(VEGATN04)  RN: 468

Symbol Explanation: pattern of symbols for mangroves

Look up table affected:
- area symbols with plain boundaries
- area symbols with symbolized boundaries

Pivot Point Column: 2.00
Pivot Point Row: 3.00

Width of Bounding Box: 4.00
Height of Bounding Box: 3.00

Symbol Colours: LANDF

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 10.00
Maximum Distance: 10.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

<table>
<thead>
<tr>
<th>S57</th>
<th>INT 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEGATN</td>
<td>C 32</td>
</tr>
</tbody>
</table>