**IHO Publication S-52**

**ADDENDUM TO ANNEX A, PART I, USERS' MANUAL**

**EDITION 4.0.2 (2017)**

**"S-52 ENC Symbol Catalogue"**

**Paper based description of SYMBOLS  
FOR USE ON ECDIS**

**Changes Made to Symbol Discriptions in Edition 4.0.0**

Thirty-eight symbols have been identified that are depicted with the incorrect line weight. Conspicuous objects are to have a line weight of 0.6 mm and non-conspicuous objects a line weight of 0.3 mm. The following symbols have the correct line weight indicated in the textual description of the symbol, but the graphic shows the symbol either as too thick or too thin. These graphics may be corrected in the future if the required resources become available to accomplish the work. Until then, ECDIS manufacturers must rely on the text to correctly indicate the appropriate line weight

|  |  |
| --- | --- |
| Symbol Name | Reference Number |
| SY(BUIREL13) | 69 |
| SY(BUIREL14) | 70 |
| SY(BUIREL15) | 71 |
| SY(BUISGL01) | 72 |
| SY(CAIRNS01) | 74 |
| SY(CHIMNY01) | 80 |
| SY(CHIMNY11) | 81 |
| SY(DOMES011) | 112 |
| SY(DSHAER01) | 113 |
| SY(DSHAER11) | 114 |
| SY(FLASTK01) | 125 |
| SY(FLASTK11) | 126 |
| SY(FLGSTF01) | 128 |
| SY(FORSTC01) | 130 |
| SY(HILTOP11) | 145 |
| SY(MONUMT02) | 169 |
| SY(MONUMT12) | 170 |
| SY(MSTCON04) | 173 |
| SY(MSTCON14) | 174 |

|  |  |
| --- | --- |
| Symbol Name | Reference Number |
| SY(NOTBRD11) | 176 |
| SY(POSGEN01) | 193 |
| SY(RASCAN01) | 207 |
| SY(RASCAN11) | 208 |
| SY(RFNERY01) | 222 |
| SY(RFNERY11) | 223 |
| SY(SILBUI01) | 231 |
| SY(TNKCON02) | 373 |
| SY(TNKFRM11) | 376 |
| SY(TOWERS01) | 407 |
| SY(TOWERS02) | 408 |
| SY(TOWERS03) | 409 |
| SY(TOWERS05) | 410 |
| SY(TOWERS12) | 411 |
| SY(TOWERS15) | 412 |
| SY(WIMCON01) | 435 |
| SY(WIMCON11) | 436 |
| SY(WNDFRM51) | 437 |
| SY(WNDMIL12) | 440 |

Symbol SY(CHDATD01), reference number 591, was added to signify objects that have a date dependent attribute populated, such as DATSTA, DATEND, PERSTA or PEREND.

Four new symbols have been added to signify objects that have been inserted, modified or deleted by an automatic update.

|  |  |  |  |
| --- | --- | --- | --- |
| Object Geometry | Symbol Name | Reference Number | Purpose |
| Point | SY(CHRVDEL1) | 592 | object has been deleted |
| Point | SY(CHRVID01) | 593 | object has been inserted or modified |
| Line or Are | LC(CHRVDEL2) | 595 | object has been deleted |
| Line or Area | LC(CHRVID02) | 596 | object has been inserted or modified |

The table below details the clarifications made to create S-52 ENC Edition 4.0.1

|  |  |  |  |
| --- | --- | --- | --- |
| Object Geometry | Symbol Name | Reference Number | Clarification |
| Point | SY(BOYCAR01) | 37 | Line weight changed from 0.6mm to 0.3mm, to match dai file |
| Point | SY(BOYCAR02) | 38 | Line weight changed from 0.6mm to 0.3mm, to match dai file |
| Point | SY(BOYCAR03) | 39 | Line weight changed from 0.6mm to 0.3mm, to match dai file |
| Point | SY(BOYCAR04) | 40 | Line weight changed from 0.6mm to 0.3mm, to match dai file |
| Point | SY(CBLARE51) | 40 | Line weight changed from 0.3mm to 0.6mm, to match dai file |

IHO Publication S-52

ENC SYMBOL CATALOGUE

Paper based description of SYMBOLS FOR USE ON ECDIS

[1. Point Symbols and Centered Area Symbols 3](#_Toc191804337)

[2. Complex Linestyles 509](#_Toc191804338)

[3. Area Pattern 563](#_Toc191804339)

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# 1. Point Symbols and Centered Area Symbols

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3

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

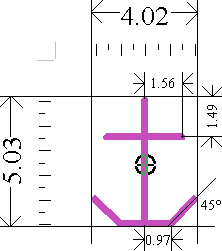
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

| S57 | INT 1 | |
| --- | --- | --- |
| ACHARE | N 10, N 12.1-9 | (N 10)  IN10 |
| OBSTRN | Q 42 | IQ42 |

4

Symbol Name: SY(**ACHARE51**) RN: 2

Symbol Explanation: anchorage area

Look up table affected: area symbols with plain boundaries

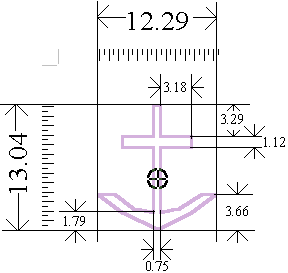
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ACHARE  (centred  symbol) | N 12.1-9 | (N 12.1)  IN12_1 |

5

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

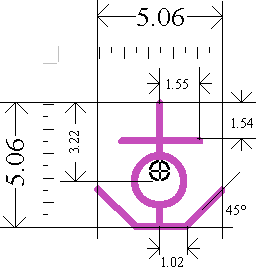
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Circle diameter 2.02 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ACHBRT | N 11.1, 11.2 | (N 11.1)  IN11_1 |

6

Symbol Name: SY(**ACHRES51**) RN: 4

Symbol Explanation: area where anchoring is prohibited or restricted

Look up table affected: N/A

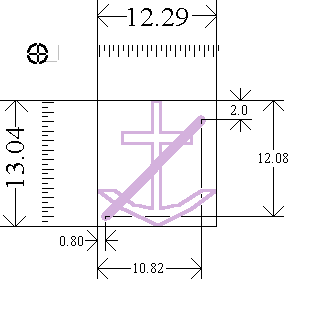
Called by CSP etc.: CSP RESARE04 Continuation B,  
CSP RESCSP02 Continuation B

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 CHMGF

Comments: Line weight 0.3 mm / 0.9 mm

Other symbol dimensions like SY(ACHARE51)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 20 | IN20 |

7

Symbol Name: SY(**ACHRES61**) RN: 5

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

Look up table affected: N/A

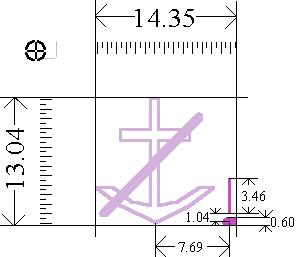
Called by CSP etc.: CSP RESARE04 Continuation B,  
CSP RESCSP02 Continuation B

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 CHMGF   
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 20 | IN20 |

8

Symbol Name: SY(**ACHRES71**) RN: 6

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

Look up table affected: N/A

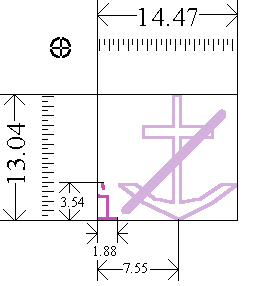
Called by CSP etc.: CSP RESARE04 Continuation B,  
CSP RESCSP02 Continuation B

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 CHMGF  
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 20 | IN20 |

9

Symbol Name: SY(**AIRARE02**) RN: 7

Symbol Explanation: symbol for airport as a point

Look up table affected: paper chart point symbols

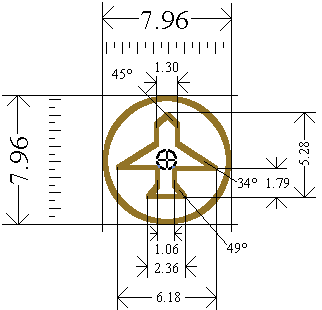
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Circle diameter 7.96 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| AIRARE | D 17 | ID17 |

20Symbol Name: SY(**BCNCAR01**) RN: 16

Symbol Explanation: cardinal beacon, north, simplified

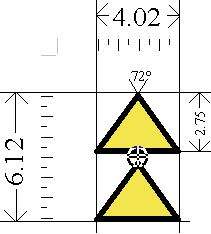
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |

21

Symbol Name: SY(**BCNCAR02**) RN: 17

Symbol Explanation: cardinal beacon, east, simplified

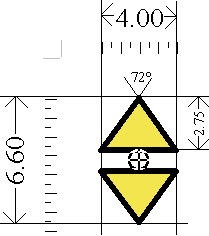
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |

22

Symbol Name: SY(**BCNCAR03**) RN: 18

Symbol Explanation: cardinal beacon, south, simplified

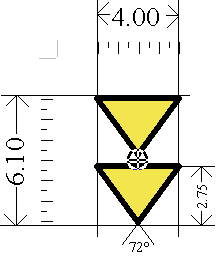
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |

23

Symbol Name: SY(**BCNCAR04**) RN: 19

Symbol Explanation: cardinal beacon, west, simplified

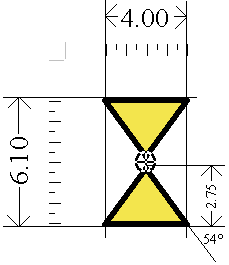
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |

24

Symbol Name: SY(**BCNDEF13**) RN: 20

Symbol Explanation: default symbol for a beacon, simplified

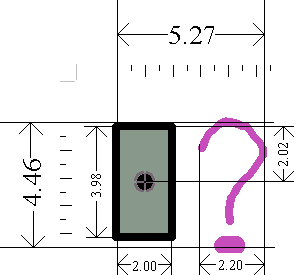
Look up table affected: simplified point symbols

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 CHMGD  
CHGRD CHGRD  
OUTLW 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSPP | Q 120-125; 130.6 |  |
| BCNISD | Q 130.4 |  |
| BCNSAW | Q 130.5 |  |

25

Symbol Name: SY(**BCNGEN01**) RN: 21

Symbol Explanation: beacon in general, paper-chart

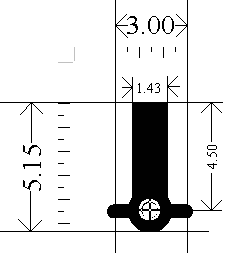
Look up table affected: paper chart point symbols

Pivot Point Column: 1.50

Pivot Point Row: 4.50

Width of Bounding Box: 3.00

Height of Bounding Box: 5.15



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNISD | Q 130.4 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSAW | Q 130.5 |  |
| BCNSPP | Q 120-125; 130.6 |  |

26

Symbol Name: SY(**BCNGEN03**) RN: 22

Symbol Explanation: default symbol for beacon, paper-chart

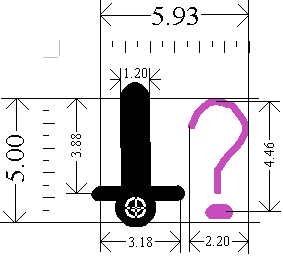
Look up table affected: paper chart point symbols

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 CHMGD  
CHBLK 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNISD | Q 130.4 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSAW | Q 130.5 |  |
| BCNSPP | Q 120-125; 130.6 |  |

27

Symbol Name: SY(**BCNISD21**) RN: 23

Symbol Explanation: isolated danger beacon, simplified

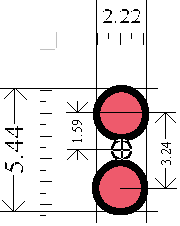
Look up table affected: simplified point symbols

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 OUTLW  
CHRED 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 |  |

28

Symbol Name: SY(**BCNLAT15**) RN: 24

Symbol Explanation: major lateral beacon, red, simplified

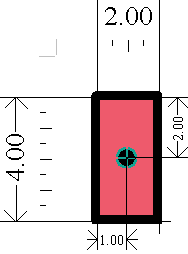
Look up table affected: simplified point symbols

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 CHRED  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 130.1 |  |

29

Symbol Name: SY(**BCNLAT16**) RN: 25

Symbol Explanation: major lateral beacon, green, simplified

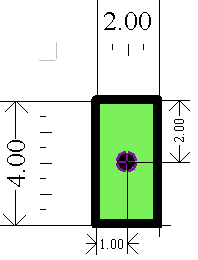
Look up table affected: simplified point symbols

Pivot Point Column: 1.00

Pivot Point Row: 2.00

Width of Bounding Box: 2.00

Height of Bounding Box: 4.00



Symbol Colours: CHGRN CHGRN  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 130.1 |  |

30

Symbol Name: SY(**BCNLAT21**) RN: 26

Symbol Explanation: minor lateral beacon, red, simplified

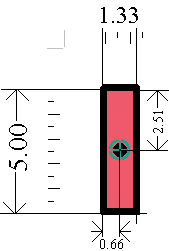
Look up table affected: simplified point symbols

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 OUTLW  
CHRED CHRED

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 91-92 ;130.1 |  |

31

Symbol Name: SY(**BCNLAT22**) RN: 27

Symbol Explanation: minor lateral beacon, green, simplified

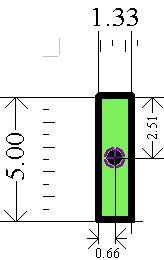
Look up table affected: simplified point symbols

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 OUTLW  
CHGRN CHGRN

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 91-92 ;130.1 |  |

32

Symbol Name: SY(**BCNLTC01**) RN: 28

Symbol Explanation: lattice beacon, paper-chart

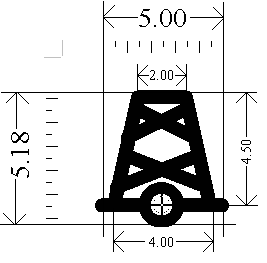
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.36 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNISD | Q 130.4 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSAW | Q 130.5 |  |
| BCNSPP | Q 130.6 |  |
| BCNxxx | Q 111 |  |

33

Symbol Name: SY(**BCNSAW13**) RN: 29

Symbol Explanation: major safe water beacon, simplified

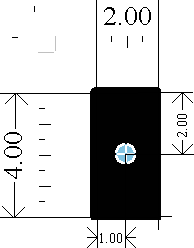
Look up table affected: simplified point symbols

Pivot Point Column: 1.00

Pivot Point Row: 2.00

Width of Bounding Box: 2.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK CHBLK (outline)  
OUTLW OUTLW  
DEPVS 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 |  |

34

Symbol Name: SY(**BCNSAW21**) RN: 30

Symbol Explanation: minor safe water beacon, simplified

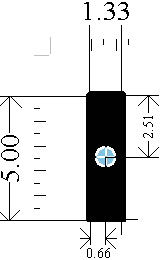
Look up table affected: simplified point symbols

Pivot Point Column: 0.66

Pivot Point Row: 2.51

Width of Bounding Box: 1.33

Height of Bounding Box: 5.00



Symbol Colours: OUTLW OUTLW (outline)  
CHBLK CHBLK  
DEPVS 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 |  |

35

Symbol Name: SY(**BCNSPP13**) RN: 31

Symbol Explanation: major special purpose beacon, simplified

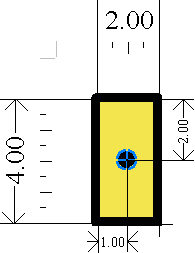
Look up table affected: simplified point symbols

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 CHYLW  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNSPP | Q 130.6 |  |

36

Symbol Name: SY(**BCNSPP21**) RN: 32

Symbol Explanation: minor special purpose beacon, simplified

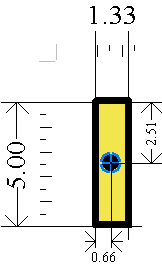
Look up table affected: simplified point symbols

Pivot Point Column: 0.66

Pivot Point Row: 2.51

Width of Bounding Box: 1.33

Height of Bounding Box: 5.00



Symbol Colours: OUTLW OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNSPP | Q 130.6 |  |

37

Symbol Name: SY(**BCNSTK02**) RN: 33

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

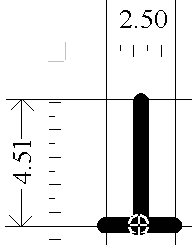
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNISD | Q 130.4 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSAW | Q 130.5 |  |
| BCNSPP | Q 130.6 |  |

38

Symbol Name: SY(**BCNTOW01**) RN: 34

Symbol Explanation: beacon tower, paper-chart

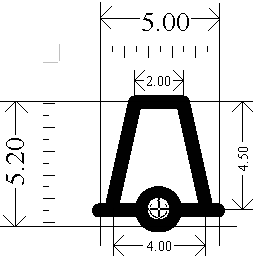
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.40 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNCAR | Q 130.3 |  |
| BCNISD | Q 130.4 |  |
| BCNLAT | Q 91-92;130.1 |  |
| BCNSAW | Q 130.5 |  |
| BCNSPP | Q 130.6 |  |
| BCNxxx | Q 110 |  |

39

Symbol Name: SY(**BLKADJ01**) RN: 523

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

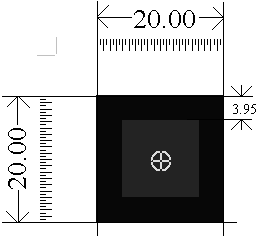
Look up table affected: N/A

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 BKAJ1  
BKAJ2 BKAJ2

Comments: See PresLib section 8.5.8

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

40

Symbol Name: SY(**BOYBAR01**) RN: 35

Symbol Explanation: barrel buoy, paper-chart

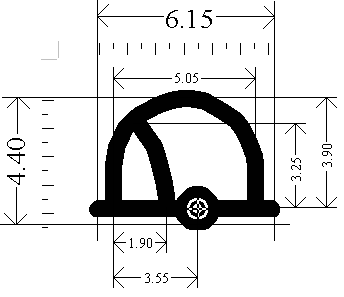
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 25; 130.6 | (Q 25) IQ25 |

41

Symbol Name: SY(**BOYCAN01**) RN: 36

Symbol Explanation: can buoy, paper-chart

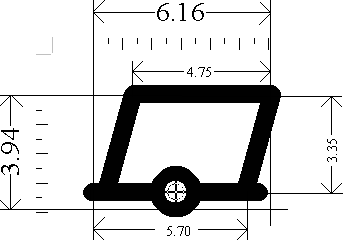
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYLAT | Q 21; 130.1 |  |
| BOYSPP | Q 21; 130.6 | (Q 130.6)  IQ130_6 |

42

Symbol Name: SY(**BOYCAR01**) RN: 37

Symbol Explanation: cardinal buoy, north, simplified

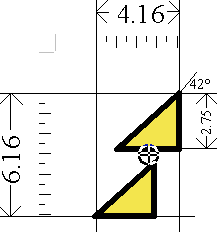
Look up table affected: simplified point symbols

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 CHYLW  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |

43

Symbol Name: SY(**BOYCAR02**) RN: 38

Symbol Explanation: cardinal buoy, east, simplified

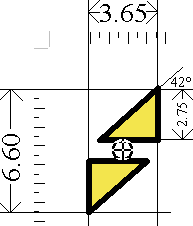
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |

44

Symbol Name: SY(**BOYCAR03**) RN: 39

Symbol Explanation: cardinal buoy, south, simplified

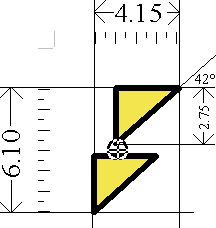
Look up table affected: simplified point symbols

Pivot Point Column: 1.20

Pivot Point Row: 3.05

Width of Bounding Box: 4.15

Height of Bounding Box: 6.10



Symbol Colours: OUTLW OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |

45

Symbol Name: SY(**BOYCAR04**) RN: 40

Symbol Explanation: cardinal buoy, west, simplified

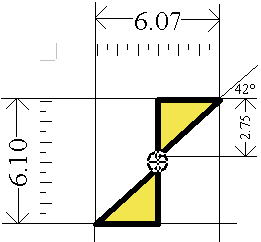
Look up table affected: simplified point symbols

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 OUTLW  
CHYLW CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |

46

Symbol Name: SY(**BOYCON01**) RN: 41

Symbol Explanation: conical buoy, paper-chart

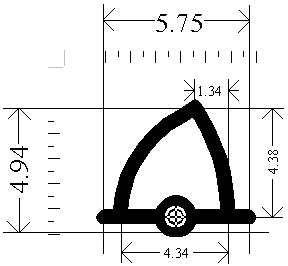
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.12 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |
| BOYISD | Q 130.4 |  |
| BOYLAT | Q 130.1 |  |
| BOYSPP | Q 130.6 |  |
| BOYxxx | Q 20; 50-57; 59; 60; 62; 70; 71 | (Q 20) IQ20 |

47

Symbol Name: SY(**BOYDEF03**) RN: 42

Symbol Explanation: default symbol for buoy, simplified

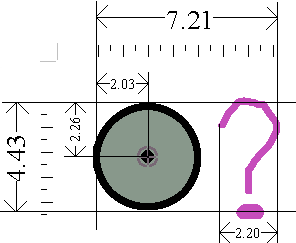
Look up table affected: simplified point symbols

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 CHMGD  
CHGRD CHGRD  
OUTLW 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |
| BOYLAT | Q 130.1 |  |

48

Symbol Name: SY(**BOYGEN03**) RN: 43

Symbol Explanation: default symbol for buoy, paper-chart

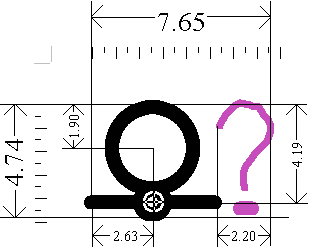
Look up table affected: paper chart point symbols

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 CHMGD  
CHBLK 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYCAR | Q 130.3 |  |
| BOYISD | Q 130.4 | IQ130_4 |
| BOYLAT | Q 130.1 |  |
| BOYSAW | Q 130.5 | IQ130_5 |
| BOYSPP | Q 130.6 | IQ130_6 |

49

Symbol Name: SY(**BOYINB01**) RN: 44

Symbol Explanation: installation buoy, paper-chart

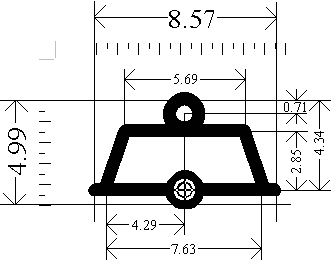
Look up table affected: paper chart point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYINB | L 16 | IL16 |

50

Symbol Name: SY(**BOYISD12**) RN: 45

Symbol Explanation: isolated danger buoy, simplified

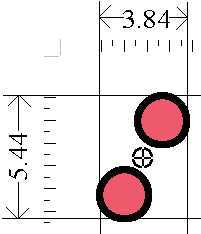
Look up table affected: simplified point symbols

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 OUTLW  
CHRED CHRED

Comments: Line weight 0.3 mm

Circle diameter 2.2 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYISD | Q 130.4 | IQ130_4 |

51

Symbol Name: SY(**BOYLAT13**) RN: 46

Symbol Explanation: conical lateral buoy, green, simplified

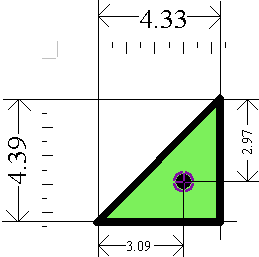
Look up table affected: simplified point symbols

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 CHGRN  
OUTLW 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 |  |

52

Symbol Name: SY(**BOYLAT14**) RN: 47

Symbol Explanation: conical lateral buoy, red, simplified

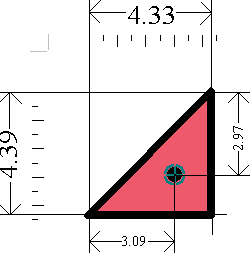
Look up table affected: simplified point symbols

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 CHRED  
OUTLW 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 |  |

53

Symbol Name: SY(**BOYLAT23**) RN: 48

Symbol Explanation: can shape lateral buoy, green, simplified

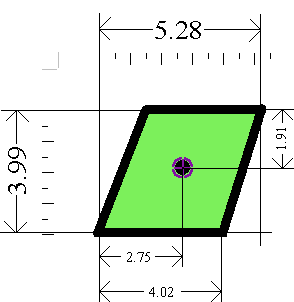
Look up table affected: simplified point symbols

Pivot Point Column: 2.75

Pivot Point Row: 1.91

Width of Bounding Box: 5.28

Height of Bounding Box: 3.99



Symbol Colours: CHGRN CHGRN  
OUTLW 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 |  |

54

Symbol Name: SY(**BOYLAT24**) RN: 49

Symbol Explanation: can shape lateral buoy, red, simplified

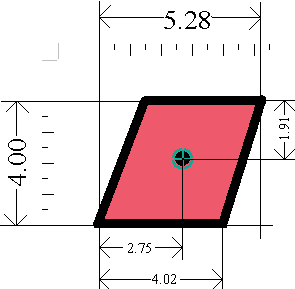
Look up table affected: simplified point symbols

Pivot Point Column: 2.75

Pivot Point Row: 1.91

Width of Bounding Box: 5.28

Height of Bounding Box: 4.00



Symbol Colours: CHRED CHRED  
OUTLW 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 |  |

55

Symbol Name: SY(**BOYMOR01**) RN: 50

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

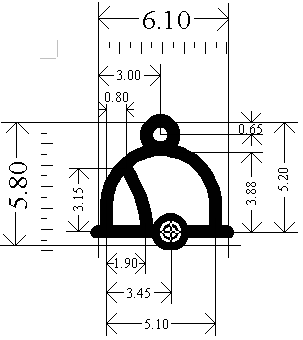
Look up table affected: paper chart point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MORFAC | Q 40-43 | Q 40  IQ40 |

56

Symbol Name: SY(**BOYMOR03**) RN: 51

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

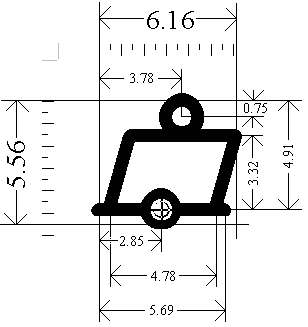
Look up table affected: paper chart point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MORFAC | Q 40-43 | Q 40  IQ40 |

57

Symbol Name: SY(**BOYMOR11**) RN: 52

Symbol Explanation: installation buoy and mooring buoy, simplified

Look up table affected: paper chart point symbols

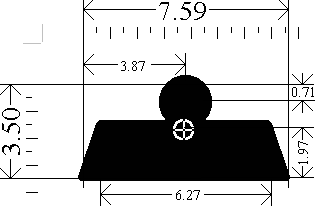
simplified point symbols

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 CHBLK

Comments: Line weight 0.3 mm

Point diameter 2.02 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYINB | L 16 | IL16 |
| MORFAC | Q 40-43 |  |

58

Symbol Name: SY(**BOYPIL01**) RN: 53

Symbol Explanation: pillar buoy, paper-chart

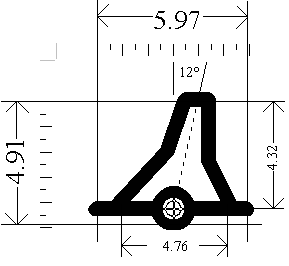
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYxxx | Q 23 | IQ23 |
| BOYCAR | Q 130.3 |  |
| BOYISD | Q 130.4 |  |
| BOYLAT | Q 130.1 |  |
| BOYSAW | Q 130.5 |  |
| BOYSPP | Q 130.6 |  |

59

Symbol Name: SY(**BOYSAW12**) RN: 54

Symbol Explanation: safe water buoy, simplified

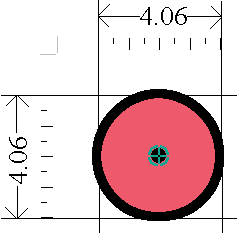
Look up table affected: simplified point symbols

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 CHRED  
OUTLW OUTLW

Comments: Line weight 0.3 mm; circle diameter 4.06 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSAW | Q 130.5 | IQ130_5 |

60

Symbol Name: SY(**BOYSPH01**) RN: 55

Symbol Explanation: spherical buoy, paper-chart

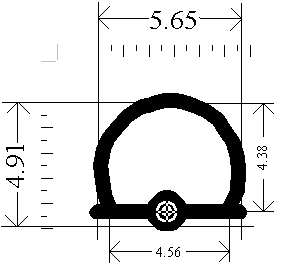
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.06 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYxxx | Q 22 | IQ22 |
| BOYSAW | Q 130.5 | IQ130_5 |
| BOYSPP | Q 130.6 |  |

61

Symbol Name: SY(**BOYSPP11**) RN: 56

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

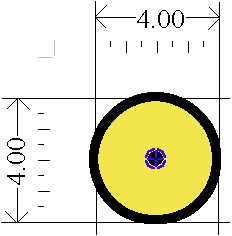
Look up table affected: simplified point symbols

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 CHYLW  
OUTLW OUTLW

Comments: Line weight 0.3 mm; circle diameter 4.0 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 50-57; 59; 62; 70; 71; 130.6 | Q 130.6 IQ130_6 |

62

Symbol Name: SY(**BOYSPP15**) RN: 57

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

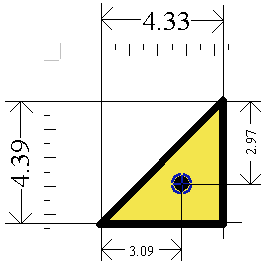
Look up table affected: simplified point symbols

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 CHYLW  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 130.6 | IQ130_6 |

63

Symbol Name: SY(**BOYSPP25**) RN: 58

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

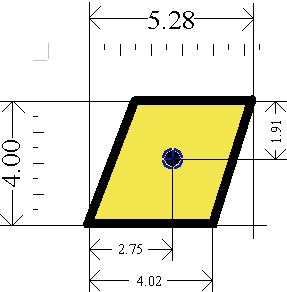
Look up table affected: simplified point symbols

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 CHYLW  
OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 130.6 | IQ130_6 |

64

Symbol Name: SY(**BOYSPP35**) RN: 527

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

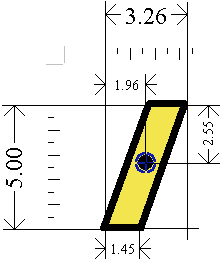
Look up table affected: simplified point symbols

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 CHYLW

OUTLW OUTLW

Comments: Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 130.6 | IQ130_6 |

65

Symbol Name: SY(**BOYSPR01**) RN: 59

Symbol Explanation: spar buoy, paper-chart

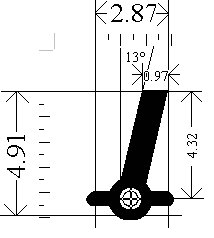
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYxxx | Q 24 | IQ24 |
| BOYCAR | Q 130.3 |  |
| BOYISD | Q 130.4 | IQ130_4 |
| BOYLAT | Q 130.1 |  |
| BOYSAW | Q 130.5 | IQ130_5 |
| BOYSPP | Q 130.6 |  |

66

Symbol Name: SY(**BOYSUP01**) RN: 60

Symbol Explanation: super-buoy, paper-chart

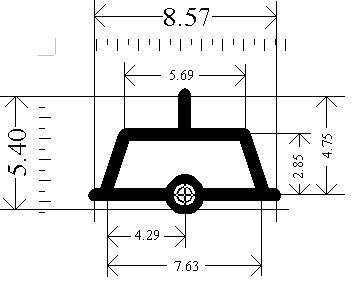
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYxxx | Q 26; 130.1; 130.3; 130.4; 130.5; 130.6 | (Q 26) IQ26 |

67

Symbol Name: SY(**BOYSUP02**) RN: 61

Symbol Explanation: super-buoy ODAS & LANBY, simplified

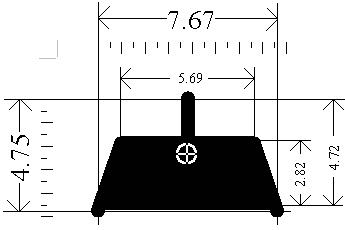
Look up table affected: simplified point symbols

Pivot Point Column: 3.84

Pivot Point Row: 2.38

Width of Bounding Box: 7.67

Height of Bounding Box: 4.75



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 26, 58, 130.6 | (Q 26) IQ26 |

68

Symbol Name: SY(**BOYSUP03**) RN: 62

Symbol Explanation: LANBY, super-buoy, paper-chart

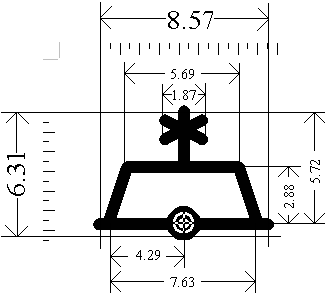
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BOYSPP | Q 26, 130.6 | (Q 26) IQ26 |

69

Symbol Name: SY(**BRIDGE01**) RN: 63

Symbol Explanation: symbol for opening bridge

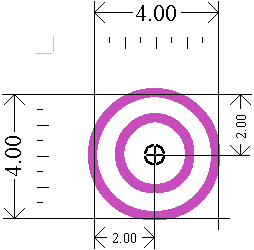
Look up table affected: line symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BRIDGE | D 23.1-23.6 | (D 23.1) ID23 |

70

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

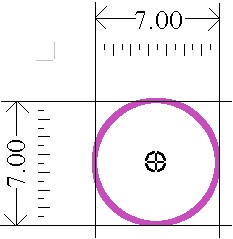
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 7.0 mm

Examples on ENC: N/A

References:

|  |  |  |  |
| --- | --- | --- | --- |
| S57 | INT 1 | |  |
| BERTHS | F 19 | IF19 | |

71

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

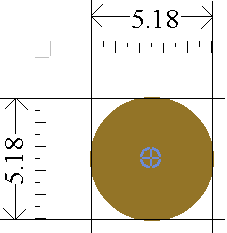
simplified point symbols

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 LANDF

Comments: Filled circle diameter 5.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUAARE | D 3, 4;  G 50-54 | (D 3)  ID3 |

72

Symbol Name: SY(**BUIREL01**) RN: 66

Symbol Explanation: non-conspicuous religious building, Christian

Look up table affected: paper chart point symbols

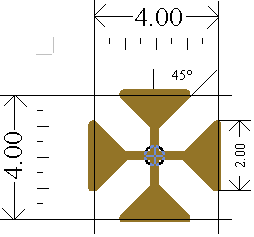
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |  |
| --- | --- | --- | --- |
| S57 | INT 1 | |  |
| BUISGL | E 10.1, 11;  G 75 | (E 10.1)  IE10 | |
| LNDMRK | E 10.2; 10.3; 10.4 |  | |

73

Symbol Name: SY(**BUIREL04**) RN: 67

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

Look up table affected: paper chart point symbols

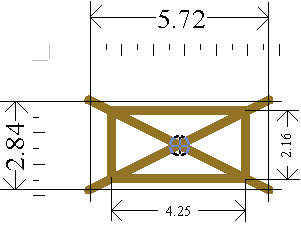
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | E 13-16 | (E 16)  **IE16** |

74

Symbol Name: SY(**BUIREL05**) RN: 68

Symbol Explanation: mosque or minaret

Look up table affected: paper chart point symbols

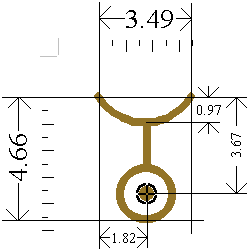
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Circle diameter 1.98 mm; point diameter 0.7 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | E 17, 18 | (E 17)  IE17 |

75

Symbol Name: SY(**BUIREL13**) RN: 69

Symbol Explanation: conspicuous religious building, Christian

Look up table affected: paper chart point symbols

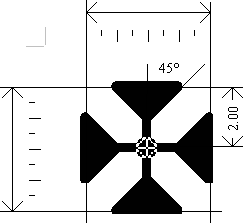
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width 0f Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | E 10.1, 11 | (E 10.1)  IE10 |
| LNDMRK | E 10.2, 10.3, 10.4 | (E 10.4) IE10 |

76

Symbol Name: SY(**BUIREL14**) RN: 70

Symbol Explanation: conspicuous religious building, non-Christian

Look up table affected: paper chart point symbols

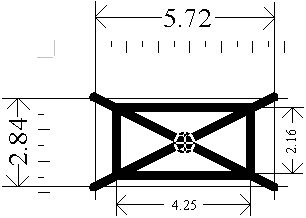
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | E 13-16 | (E 16)  IE16 |

77

Symbol Name: SY(**BUIREL15**) RN: 71

Symbol Explanation: conspicuous mosque or minaret

Look up table affected: paper chart point symbols

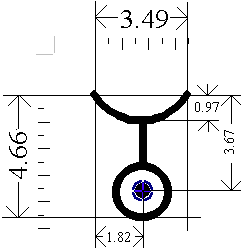
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Circle diameter 1.98 mm; point diameter 0.7 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | E 17, 18 | (E 17)  IE17 |

78

Symbol Name: SY(**BUISGL01**) RN: 72

Symbol Explanation: single building

Look up table affected: paper chart point symbols

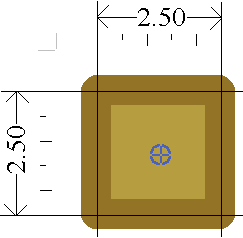
simplified point symbols

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 LANDF  
CHBRN CHBRN

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | D 5, 6, 8;  G 60-63, 71, 76, 83, 84, 93, 95, 97 | (D 5)  ID5 |

79

Symbol Name: SY(**BUISGL11**) RN: 73

Symbol Explanation: conspicuous single building

Look up table affected: paper chart point symbols

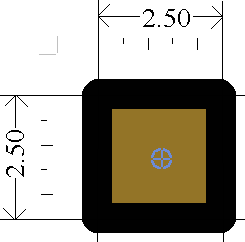
simplified point symbols

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 LANDF  
CHBLK CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | D 5, 6, 8;  G 60-63, 71, 76, 83, 84, 93, 95, 97 | (D 5)  ID5 |

80

Symbol Name: SY(**CAIRNS01**) RN: 74

Symbol Explanation: cairn

Look up table affected: paper chart point symbols

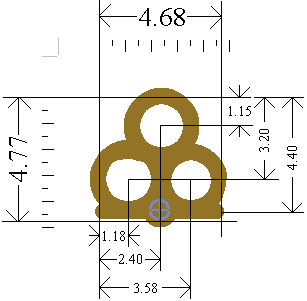
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Diameter of the three circles 2.3 mm; base circle diameter 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNSPP | Q 100 |  |
| LNDMRK | Q 100 | (Q 100)  IQ100 |

81

Symbol Name: SY(**CAIRNS11**) RN: 75

Symbol Explanation: conspicuous cairn

Look up table affected: paper chart point symbols

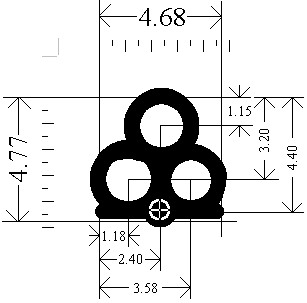
simplified point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNSPP | Q 100 |  |
| LNDMRK | Q 100 | (Q 100)  IQ100 |

82

Symbol Name: SY(**CBLARE51**) RN: 76

Symbol Explanation: cable area

Look up table affected: area symbols with plain boundaries

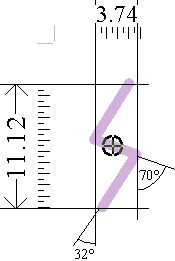
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CBLARE | L 30.2, 31.2 | (L 31.2)  IL31_2 |

83

Symbol Name: SY(**CGUSTA02**) RN: 77

Symbol Explanation: coastguard station

Look up table affected: paper chart point symbols

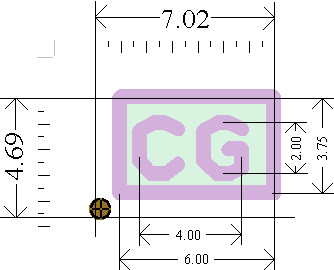
simplified point symbols

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 LANDF   
CHWHT CHWHT   
CHMGF CHMGF

Comments: Line weight 0.6 mm

Point diameter 0.92 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CGUSTA | T 10, 11 | IT10 |

84

Symbol Name: SY(**CHCRDEL1**) RN: 78

Symbol Explanation: this object has been manually deleted or modified

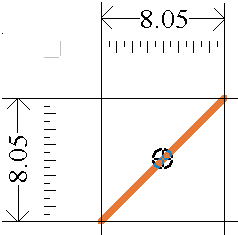
Look up table affected: N/A

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 CHCOR

Comments: Line weight 0.3 mm  
See PresLib section 8.7.1

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

85

Symbol Name: SY(**CHCRID01**) RN: 79

Symbol Explanation: this object has been manually updated

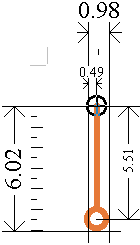
Look up table affected: N/A

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 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(**CHDATD01**) RN: 591

Symbol Explanation: This object is a date dependent by attribute DATSTA, DATEND, PERSTA and/or PEREND

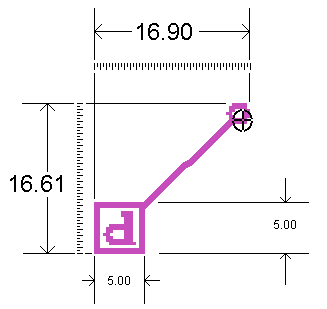
Look up table affected: N/A

Pivot Point Column: 15.48

Pivot Point Row: 1.42

Width of Bounding Box: 16.90

Height of Bounding Box: 16.61



Symbol Colours: CHMGD CHMGD

Comments: Line weight 0.6 mm; circle diameter 2.2 mm  
See PresLib section 10.4.1

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

86

Symbol Name: SY(**CHIMNY01**) RN: 80

Symbol Explanation: chimney

Look up table affected: paper chart point symbols

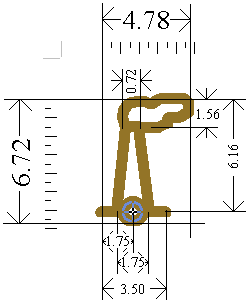
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 22 | IE22 |

87

Symbol Name: SY(**CHIMNY11**) RN: 81

Symbol Explanation: conspicuous chimney

Look up table affected: paper chart point symbols

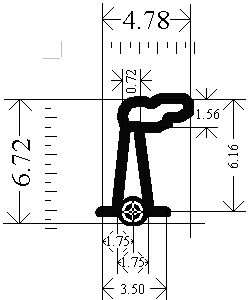
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 22 | IE22 |

88

Symbol Name: SY(**CHINFO06**) RN: 82

Symbol Explanation: HO caution note

Look up table affected: paper chart point symbols

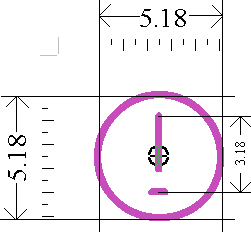
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTNARE | M 29.2 |  |
| DAMCON | F 44 |  |
| MIPARE | N 30-33 | (N 30) IN30 |
| SPLARE | N 13 | IN13 |

89

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

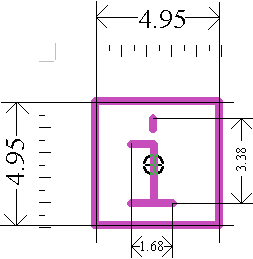
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTSARE | N 64 | IN64 |
| DMPGRD | N 23, 24, 62.1, 62.2 | (N 62.2) IN62 |
| HRBFAC | F 10, 50, 52;  U 1.1 | (U 1.1) IU1 |
| ICNARE | N 65 | IN65 |
| M\_NPUB | Not specified |  |
| PIPARE | L 40.2, 41.2 | (L 40.1) IL40 |

90

Symbol Name: SY(**CHINFO08**) RN: 84

Symbol Explanation: mariner's information note

Look up table affected: paper chart point symbols

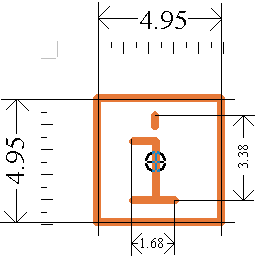
simplified point symbols

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 NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| marnot | To meet the requirement of IMO PS 1.6 |  |

91

Symbol Name: SY(**CHINFO09**) RN: 85

Symbol Explanation: mariners caution note

Look up table affected: paper chart point symbols

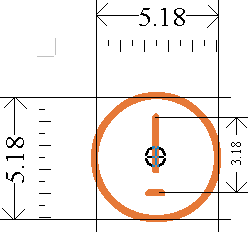
simplified point symbols

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 NINFO

Comments: line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| marfea | To meet the requirement of IMO PS 1.6 and of IHO S-52 sections 1.1 and 5.5 |  |
| marnot | To meet the requirement of IMO PS 1.6 |  |

92

Symbol Name: SY(**CHINFO10**) RN: 86

Symbol Explanation: manufacturer's information note

Look up table affected: paper chart point symbols

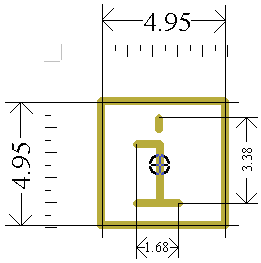
simplified point symbols

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 ADINF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| mnufea | To implement IMO PS section 2 and IHO S-52 section 2 |  |

93

Symbol Name: SY(**CHINFO11**) RN: 87

Symbol Explanation: manufacturer's caution note

Look up table affected: paper chart point symbols

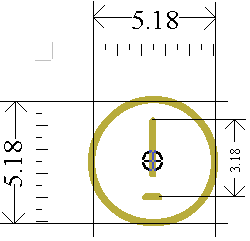
simplified point symbols

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 ADINF

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| mnufea | To implement IMO PS section 2 and IHO S-52 section 2 |  |

Symbol Name: SY(CHKPNT01) RN: 591

Symbol Explanation: customs symbol

Look up table affected: area symbols with plain boundaries

area symbols with symbolized boundaries

paper chart point symbols

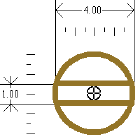
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm; circle diameter 4.00 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | F 61 |  |

94

Symbol Name: SY(**CHKSYM01**) RN: 88

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

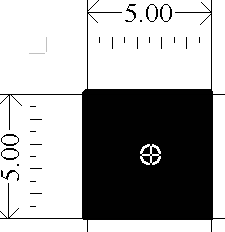
Look up table affected: N/A

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 CHBLK (outline)  
OUTLW OUTLW (fill colour)

Comments: Line weight 0.3 mm  
PresLib section 8.3.5

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

Symbol Name: SY(**CHRVDEL1**) RN: 592

Symbol Explanation: This object has been deleted by an automatic update

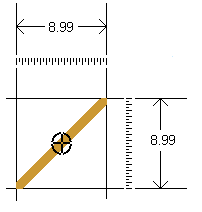
Look up table affected: N/A

Pivot Point Column: 4.49

Pivot Point Row: 4.50

Width of Bounding Box: 8.99

Height of Bounding Box: 8.99



Symbol Colours: CHCOR CHCOR

Comments: Line weight 0.9 mm  
See PresLib section 10.7.2

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

85

Symbol Name: SY(**CHRVID01**) RN: 593

Symbol Explanation: This object has been inserted or modified by an automatic update

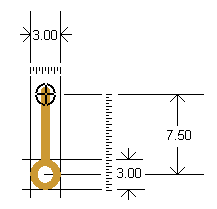
Look up table affected: N/A

Pivot Point Column: 1.97

Pivot Point Row: 0.47

Width of Bounding Box: 3.94

Height of Bounding Box: 9.94



Symbol Colours: CHCOR CHCOR

Comments: Line weight 0.9 mm; circle diameter 3.00 mm   
See PresLib section 10.7.2

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

95

96

Symbol Name: SY(**CRANES01**) RN: 90

Symbol Explanation: cranes

Look up table affected: paper chart point symbols

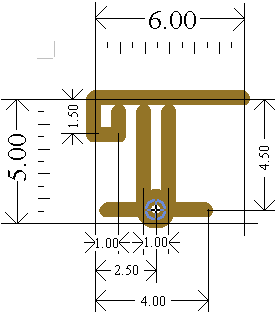
simplified point symbols

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 LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CRANES | F 53.1, 53.2, 53.3 | (F 53.2)  IF53 |

97

Symbol Name: SY(**CTNARE51**) RN: 91

Symbol Explanation: caution area, a specific caution note applies

Look up table affected: area symbols with plain boundaries

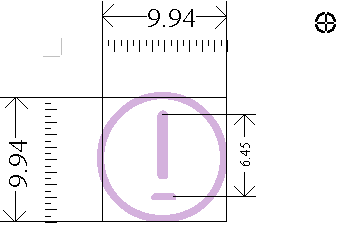
area symbols with symbolized boundaries

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 TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTNARE | M 29.2 |  |
| TSSLPT | Not specified |  |

98

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

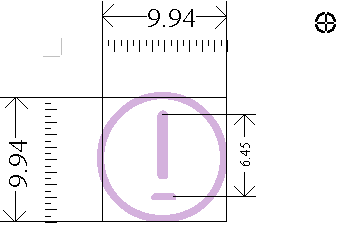
Called by CSP etc.: CSP RESARE04 Continuation D, E  
CSP RESCSP02 Continuation D

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 TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MIPARE | N 30-33 | (N 31) IN31 |
| OSPARE | L 4 |  |
| SPLARE | N 13 | IN13 |
| SUBTLN | N 33 | IN33 |

99

Symbol Name: SY(**CTYARE71**) RN: 93

Symbol Explanation: cautionary area with further information

Look up table affected: N/A

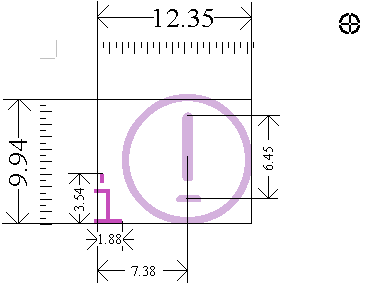
Called by CSP etc.: CSP RESARE04 Continuation D, E  
CSP RESCSP02 Continuation D

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 TRFCF   
CHMGD 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 |

100

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

area symbols with plain boundaries

simplified point symbols

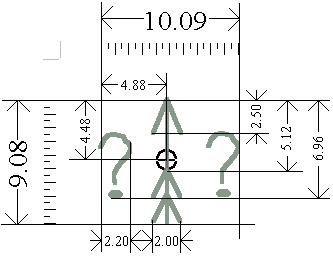
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TS\_FEB | H 40, 41 | (H 41)  IH41 |

101

Symbol Name: SY(**CURENT01**) RN: 95

Symbol Explanation: non-tidal current

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

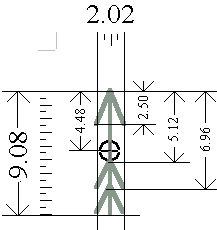
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CURENT | H 42, 43 | (H 43)  IH43 |

102

Symbol Name: SY(**DANGER01**) RN: 98

Symbol Explanation: underwater hazard with a defined depth

Look up table affected: N/A

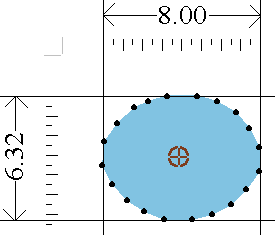
Called by CSP etc.: CSP OBSTRN07 Continuation A,  
CSP WRECKS05 Continuation A

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 DEPVS  
CHBLK CHBLK

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | I 4;  K 1, 16, 40, 41, 42 | (K 41) IK41 |
| UWTROC | K 13, 14.1, 14.2, 15, 16; O 27 | (K 13) IK13 |
| WRECKS | K 26, 27 | (K 26) IK26 |

105

Symbol Name: SY(**DANGER02**) RN: 99

Symbol Explanation: underwater hazard with depth greater than 20 metres

Look up table affected: N/A

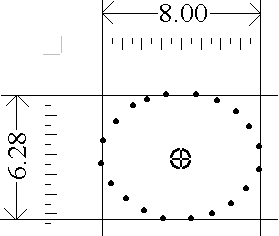
Called by CSP etc.: CSP OBSTRN07 Continuation A,  
CSP WRECKS05 Continuation A

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 CHBLK

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | I 2, 4; K 41, 42, 46.2; L 20, 21.2, 43; Q 42 | (K 41) IK41 |
| UWTROC | K 11, 14.1, 14.2, 15; O 27 | (K 14.2) IK14 |
| WRECKS | K 26, 27, 30 | (K 27) IK27 |

106

Symbol Name: SY(**DANGER03**) RN: 525

Symbol Explanation: underwater hazard which covers and uncovers

Look up table affected: N/A

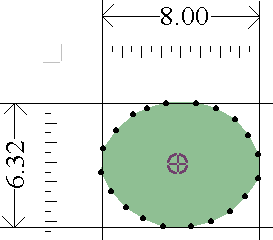
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 DEPIT  
CHBLK CHBLK

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| UWTROC | K 11, 12 | (K 11) IK11 |

107

Symbol Name: SY(**DAYSQR01**) RN: 100

Symbol Explanation: square or rectangular day mark, simplified

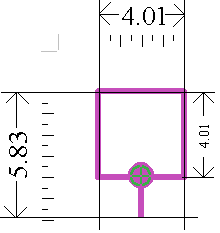
Look up table affected: simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

108

Symbol Name: SY(**DAYSQR21**) RN: 101

Symbol Explanation: square or rectangular day mark, paper chart

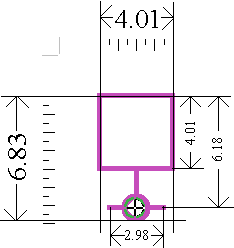
Look up table affected: paper chart point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

109

Symbol Name: SY(**DAYTRI01**) RN: 102

Symbol Explanation: triangular day mark, point up, simplified

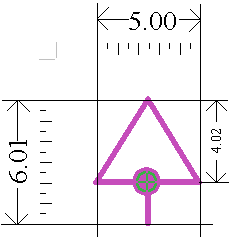
Look up table affected: simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

110

Symbol Name: SY(**DAYTRI05**) RN: 103

Symbol Explanation: triangular day mark, point down, simplified

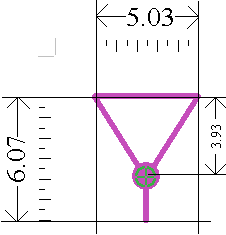
Look up table affected: simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

111

Symbol Name: SY(**DAYTRI21**) RN: 104

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

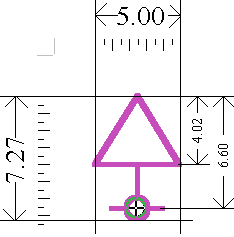
Look up table affected: paper chart point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

112

Symbol Name: SY(**DAYTRI25**) RN: 105

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

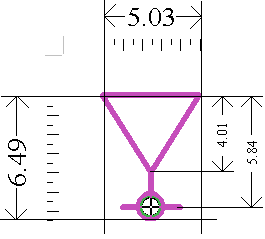
Look up table affected: paper chart point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DAYMAR | Q 101 | IQ101 |

113

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_NSYS | Q 130.1, 130.2 | (Q 130.2)  IQ130 |

114

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

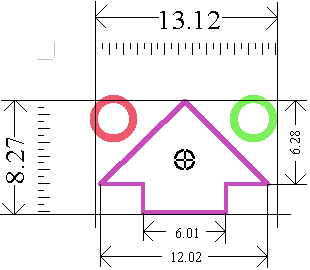
area symbols with symbolized boundaries

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 CHMGD  
CHRED CHRED  
CHGRN 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_NSYS | Q 130.1, 130.2 | (Q 130.2)  IQ130 |

115

Symbol Name: SY(**DIRBOYB1**) RN: 107

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

Look up table affected: area symbols with plain boundaries

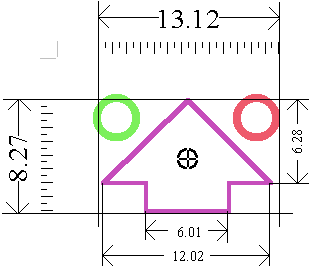
area symbols with symbolized boundaries

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 CHMGD  
CHGRN CHGRN  
CHRED CHRED

Comments: Arrow line weight 0.3 mm;

Circle line weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_NSYS | Q 130.1, 130.2 | (Q 130.2)  IQ130 |

116

Symbol Name: SY(**DISMAR03**) RN: 108

Symbol Explanation: distance mark

Look up table affected: paper chart point symbols

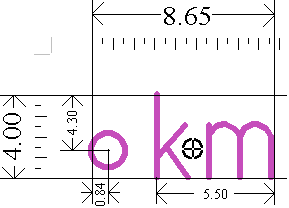
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.68 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DISMAR | F 40 | IF40 |

117

Symbol Name: SY(**DISMAR04**) RN: 109

Symbol Explanation: distance point with no mark

Look up table affected: paper chart point symbols

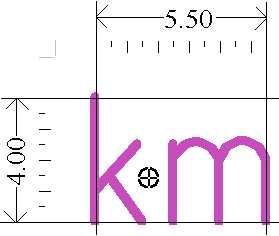
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DISMAR | F 40 | IF40 |

118

Symbol Name: SY(**DNGHILIT**) RN: 110

Symbol Explanation: transparent danger highlight for mariner's use

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 DNGHL

Comments: Outline weight 0.9mm; area transparency 75%

Examples on ENC: N/A

References: IEC 62288 Ed.1

|  |  |  |
| --- | --- | --- |
| Non-standard object | INT 1 | |
| dnghlt | IEC 61174 Annex E Section 14 |  |

119

Symbol Name: SY(**DOMES001**) RN: 111

Symbol Explanation: dome

Look up table affected: paper chart point symbols

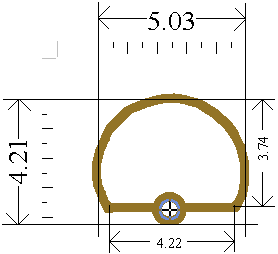
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm; circle diameter 0.86 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 10.4, 30.4 | (E 10.4)  IE10 (E 30.4) IE30 |

120

Symbol Name: SY(**DOMES011**) RN: 112

Symbol Explanation: conspicuous dome

Look up table affected: paper chart point symbols

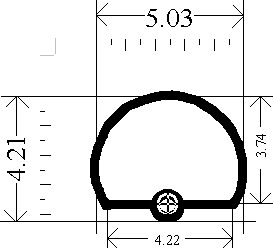
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 0.86 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 10.4, 30.4 | (E 10.4)  IE10 (E 30.4) IE30 |

Symbol Name: SY**(DRFSTA01)** RN: 587

Symbol Explanation: DGPS reference station

Look up table affected: paper chart point symbols

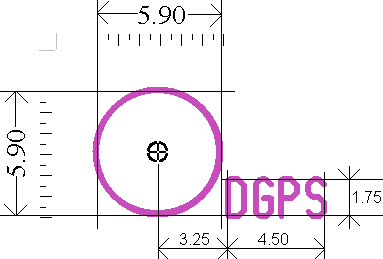
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RDOSTA | S 51 | (S 10) |

121

Symbol Name: SY(**DSHAER01**) RN: 113

Symbol Explanation: dish aerial

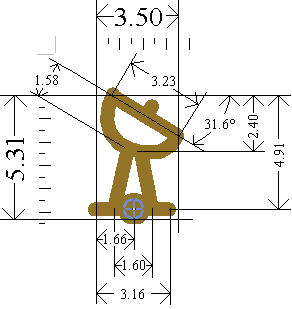
Look up table affected: paper chart point symbols

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 LANDF

Comments: Line weight 0.3 mm; circle diameter 0.8 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 31 | IE31 |

122

Symbol Name: SY(**DSHAER11**) RN: 114

Symbol Explanation: conspicuous dish aerial

Look up table affected: paper chart point symbols

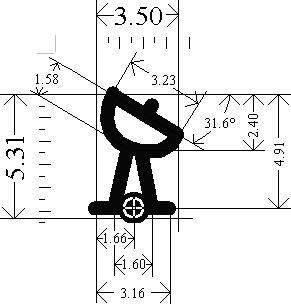
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 0.8 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 31 | IE31 |

123

Symbol Name: SY(**DWRTPT51**) RN: 115

Symbol Explanation: part of deep water route

Look up table affected: area symbols with plain boundaries

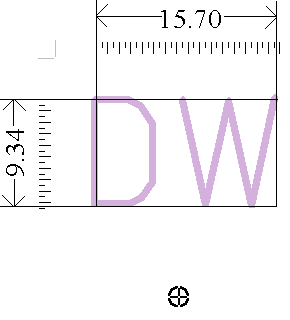
area symbols with symbolized boundaries

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 TRFCF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DWRTPT | M 27.1-2 |  |

124

Symbol Name: SY(**DWRUTE51**) RN: 522

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

Look up table affected: area symbols with plain boundaries

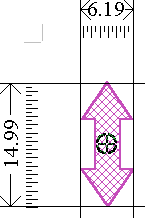
area symbols with symbolized boundaries

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 TRFCD

Comments: Outline weight 0.3 mm; area transparency 75%

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DWRTPT | M 27.1-2 |  |

125

Symbol Name: SY(**EBBSTR01**) RN: 116

Symbol Explanation: ebb stream, rate at spring tides

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

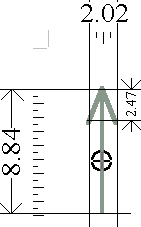
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TS\_FEB | H 40-41 | (H 41)  IH41 |

126

Symbol Name: SY(**EBLVRM11**) RN: 117

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

Look up table affected: N/A

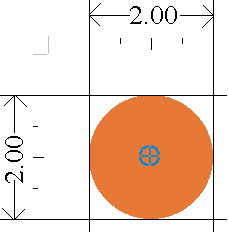
Called by CSP etc.: CSP VRMEBL01

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 NINFO

Comments: N/A

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

127160

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

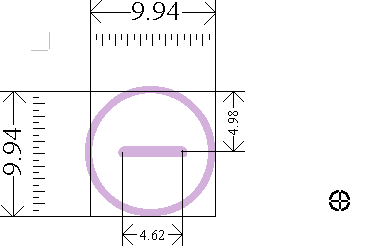
Called by CSP etc.: CSP RESARE04 Continuation A,   
CSP RESCSP02 Continuation A

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 TRFCF

Comments: Line weight 0.9 mm;

Circle line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | M 29.2 N 2.1, 2.2 | (N 2.2)  IN2 |

161

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

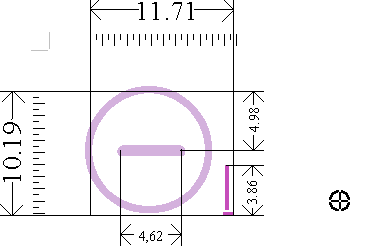
Called by CSP etc.: CSP RESARE04 Continuation A,   
CSP RESCSP02 Continuation A

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 TRFCF   
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | L 3; M 29.1, 29.2; N 31, 34 | (N 34) IN34 |

162

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

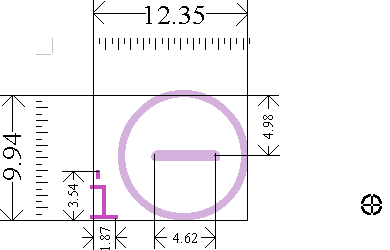
Called by CSP etc.: CSP RESARE04 Continuation A,   
CSP RESCSP02 Continuation A

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 TRFCF   
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 2.2 | IN2 |

163

Symbol Name: SY(**ESSARE01**) RN:

Symbol Explanation: ESSA - centred symbol

Look up table affected: area symbols with plain boundaries

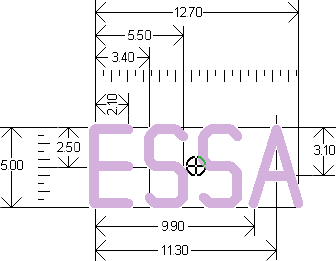
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E3.1.1 | INT 1 | |
| RESARE,  CATREA 27 | N22 |  |

164

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

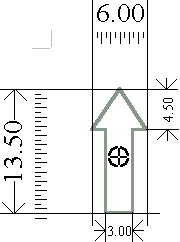
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FAIRWY | not specified |  |

166

Symbol Name: SY(**FAIRWY52**) RN: 124

Symbol Explanation: fairway with two-way traffic

Look up table affected: area symbols with plain boundaries

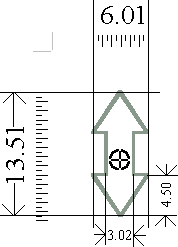
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FAIRWY | not specified |  |

167

Symbol Name: SY(**FLASTK01**) RN: 125

Symbol Explanation: flare stack

Look up table affected: paper chart point symbols

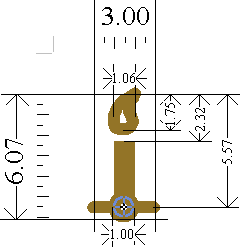
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 23; L 11 | (E 23)  IE23 (L 11) IL11 |
| PRDARE | G 87 |  |

168

Symbol Name: SY(**FLASTK11**) RN: 126

Symbol Explanation: conspicuous flare stack

Look up table affected: paper chart point symbols

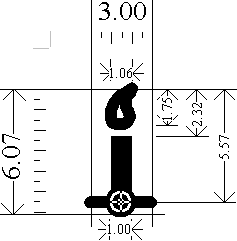
simplified point symbols

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 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)  IE23 (L 11) IL11 |
| PRDARE | G 87 |  |

169

Symbol Name: SY(**FLDSTR01**) RN: 127

Symbol Explanation: flood stream, rate at spring tides

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

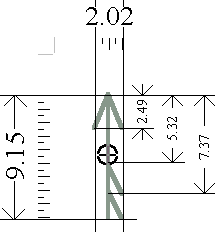
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TS\_FEB | H 40 | IH40 |

170

Symbol Name: SY(**FLGSTF01**) RN: 128

Symbol Explanation: flagstaff, flagpole

Look up table affected: paper chart point symbols

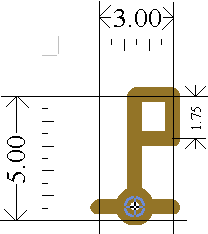
simplified point symbols

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 LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 27 | IE27 |

171

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

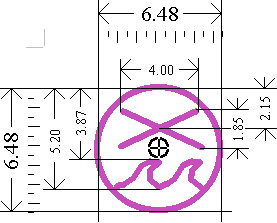
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.48 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LOGPON | N 61 | IN61 |
| OBSTRN | G 178 |  |

172

Symbol Name: SY(**FOGSIG01**) RN: 129

Symbol Explanation: fog signal

Look up table affected: paper chart point symbols

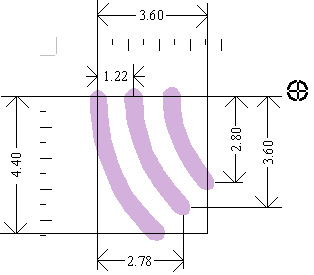
simplified point symbols

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FOGSIG | R 1, 10-16, 20-22 | (R 1) IR1  (R 22)  IR22 |

173

Symbol Name: SY(**FORSTC01**) RN: 130

Symbol Explanation: fortified structure

Look up table affected: paper chart point symbols

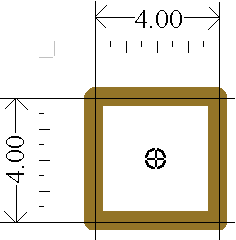
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |  |
| --- | --- | --- | --- |
| S57 | INT 1 | |  |
| FORSTC | E 34.1-3 | (E 34.1)  IE34 | |

174

Symbol Name: SY(**FORSTC11**) RN: 131

Symbol Explanation: conspicuous fortified structure

Look up table affected: paper chart point symbols

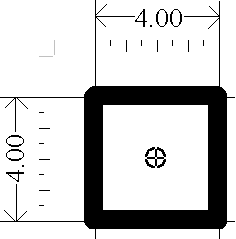
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |  |
| --- | --- | --- | --- |
| S57 | INT 1 | |  |
| FORSTC | E 2, 34.1-3 | (E 34.1)  IE34 | |

175

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

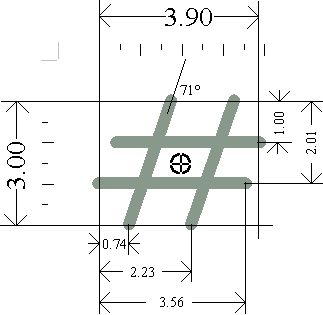
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | K 31  L 22 | (L 22) IL22 |
| WRECKS | K 31 | IK31 |

176

Symbol Name: SY(**FRYARE51**) RN: 133

Symbol Explanation: ferry area

Look up table affected: area symbols with plain boundaries

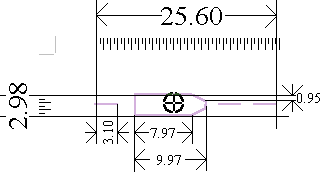
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FERYRT | M 50, 51 | (M 50)  IM50 |

177

Symbol Name: SY(**FRYARE52**) RN: 134

Symbol Explanation: cable ferry area

Look up table affected: area symbols with plain boundaries

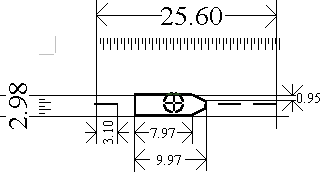
area symbols with symbolized boundaries

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FERYRT | M 50, 51 | (M 51)  IM51 |

178

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

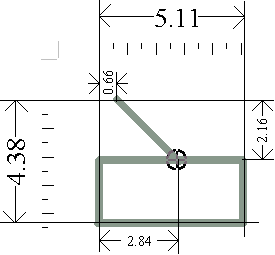
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | K 44.2, 45 | (K 44.2)  IK44  (K 45) IK45 |

179

Symbol Name: SY(**FSHFAC03**) RN: 136

Symbol Explanation: fish stakes

Look up table affected: paper chart point symbols

simplified point symbols

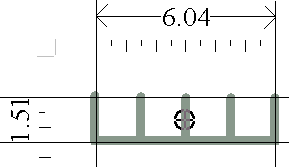
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | K 44.1 | IK44 |

180

Symbol Name: SY(**FSHGRD01**) RN: 137

Symbol Explanation: fishing ground

Look up table affected: area symbols with plain boundaries

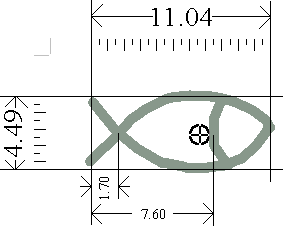
area symbols with symbolized boundaries

Pivot Point Column: 6.75

Pivot Point Row: 2.44

Width of Bounding Box: 11.04

Height of Bounding Box: 4.49



Symbol Colours: CHGRD CHGRD

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHGRD | not specified |  |

181

Symbol Name: SY(**FSHHAV01**) RN: 138

Symbol Explanation: fish haven

Look up table affected: paper chart point symbols

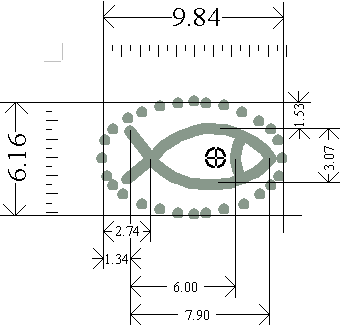
simplified point symbols

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 CHGRD

Comments: Line weight 0.6 mm

Dot diameter 0.6 mm; 28 dots around the ellipse

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC |  |  |
| OBSTRN | K 46.1, 46.2 | (K 46.1) IK46 |

182

Symbol Name: SY(**FSHRES51**) RN: 139

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

Look up table affected: N/A

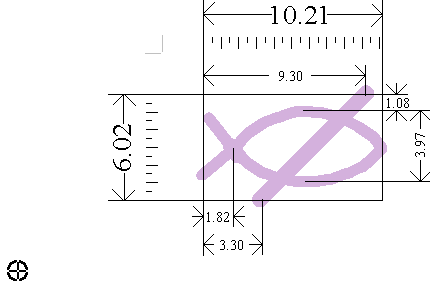
Called by CSP etc.: CSP RESARE04 Continuation C,  
CSP RESCSP02 Continuation C

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 CHMGF

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 21 | IN21 |

183

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

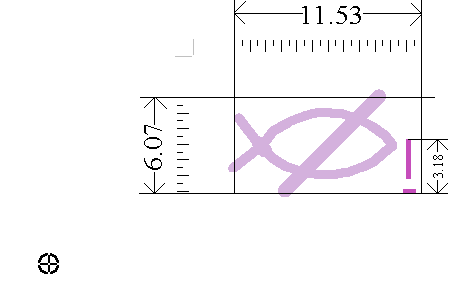
Called by CSP etc.: CSP RESARE04 Continuation C,  
CSP RESCSP02 Continuation C

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 CHMGF   
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 2.1, 25, 34 | (N 2.1) IN2 |

184

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

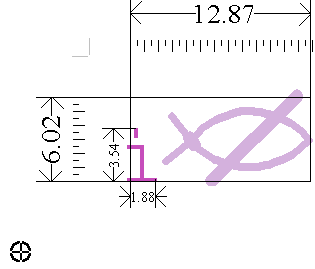
Called by CSP etc.: CSP RESARE04 Continuation C,  
CSP RESCSP02 Continuation C

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 CHMGF   
CHMGD CHMGD

Comments: Fish line weight 0.6 mm; bar line weight 0.9 mm;  
Line weight of **i**” 0.3 mm;  
Other symbol dimensions like SY(FSHRES51)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 2.1 | IN2 |

185

Symbol Name: SY(**GATCON03**) RN: 142

Symbol Explanation: navigable lock gate

Look up table affected: line symbols

paper chart point symbols

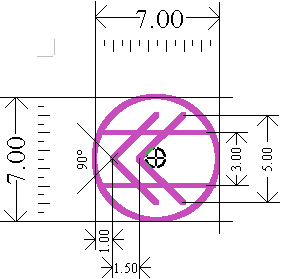
simplified point symbols

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 TRFCD

Comments: Line weight 0.3 mm

Circle diameter 7.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| GATCON | F 41.1, 41.2 | (F 41.1)  IF41 |

186

Symbol Name: SY(**GATCON04**) RN: 143

Symbol Explanation: non-navigable lock gate

Look up table affected: line symbols

paper chart point symbols

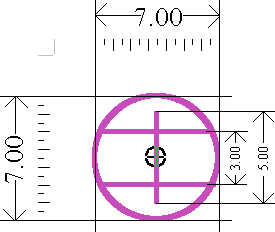
simplified point symbols

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 TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| GATCON | F 42, 43 | (F 42)  IF42 |

187

Symbol Name: SY(**HILTOP01**) RN: 144

Symbol Explanation: hill or mountain top

Look up table affected: paper chart point symbols

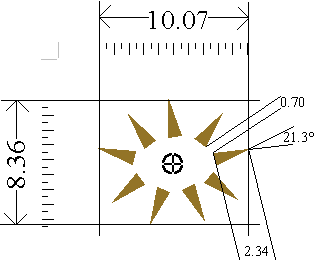
simplified point symbols

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 LANDF

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SLOGRD | C 4, 8; D 14,15;  E 35.1;  G 27 | (C 4)  IC4 |
| SLOTOP | C 3, 4, 8;  D 14,15;  E 35.1;  G 22 | (E 35.1)  IE35 |

188

Symbol Name: SY(**HILTOP11**) RN: 145

Symbol Explanation: conspicuous hill or mountain top

Look up table affected: paper chart point symbols

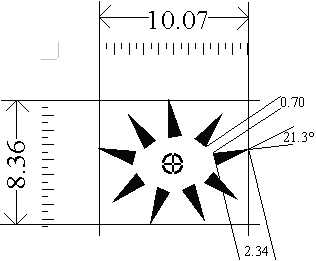
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; 9 triangles around the ellipse

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SLOGRD | C 4, 8; D 14,15;  E 35.1;  G 27 | (C 4)  IC4 |
| SLOTOP | C 3, 4, 8; D 14,15;  E 35.1;  G 22 | (C 3)  IC3 |

189

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

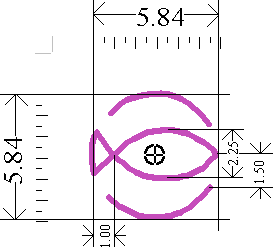
area symbols with symbolized boundaries

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 CHMGD

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| HRBFAC | F 10 | IF10 |

190

Symbol Name: SY(**HULKES01**) RN: 147

Symbol Explanation: hulk

Look up table affected: paper chart point symbols

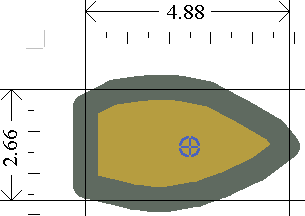
simplified point symbols

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 CSTLN   
CHBRN CHBRN

Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| HULKES | F 34 | IF34 |

191

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

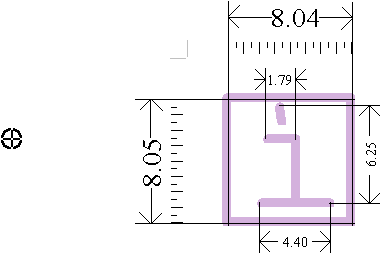
Called by CSP etc.: CSP RESARE04,  
CSP RESARE04 Continuation E,  
CSP RESCSP02

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTSARE | N 64 | IN64 |
| DMPGRD | N 23, 24, 62.1, 62.2 | (N 24) IN24 |
| ICNARE | N 65 | IN65 |
| PIPARE | L 40.2, 41.2 | IL40 |
| RESARE | N 22, 26 | (N 26) IN26 |

Symbol Name: SY(**INDHLT01**) RN: 594

Symbol Explanation: indication highlight for mariner's use

Look up table affected: paper chart point symbols

simplified point symbols

Pivot Point Column: 15.00

Pivot Point Row: 15.00

Width of Bounding Box: 11.74

Height of Bounding Box: 11.74



Symbol Colours: CHBLK BKAJ1

CHYLW CHYLW

Comments: Line weight 0.6 mm (CHYLW); with 0.3 mm outline (BKAJ1)  
See PresLib section 10.5.9 and 10.5.10

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

192

Symbol Name: SY(**INFORM01**) RN: 149

Symbol Explanation: this object has additional information available by cursor query

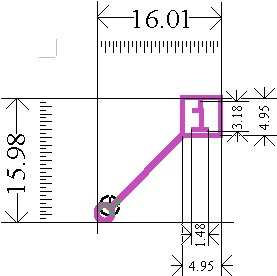
Look up table affected: N/A

Pivot Point Column: 1.83

Pivot Point Row: 14.05

Width of Bounding Box: 16.01

Height of Bounding Box: 15.98



Symbol Colours: CHMGD CHMGD

Comments: Line weight 0.6 mm; circle diameter 2.16 mm  
See PresLib section 8.6.1.1

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

Symbol Name: SY(**CHDATD01**) RN: 591

Symbol Explanation: This object is a date dependent by attribute DATSTA, DATEND, PERSTA and/or PEREND

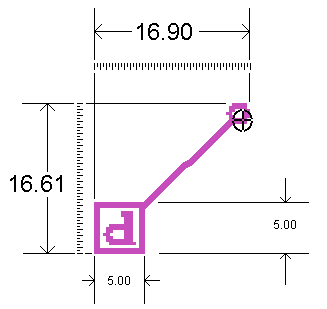
Look up table affected: N/A

Pivot Point Column: 15.48

Pivot Point Row: 1.42

Width of Bounding Box: 16.90

Height of Bounding Box: 16.61



Symbol Colours: CHMGD CHMGD

Comments: Line weight 0.6 mm; circle diameter 2.2 mm  
See PresLib section 10.4.1

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

86

193

Symbol Name: SY(**ISODGR01**) RN: 150

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

Look up table affected: N/A

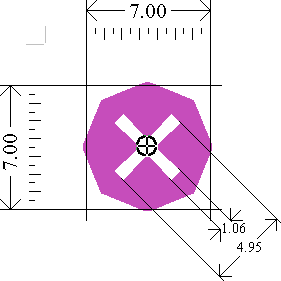
Called by CSP etc.: CSP UDWHAZ05

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 ISDNG

Comments: IMO PS App.2 1.3

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | I 2, 4; K 1, 31, 40-43.2, 46.1, 46.2; L 20, 21.1-21.3, 22, 43 | (I 2) II2 |
| UWTROC | K 11, 13-14.2, 16; O 27 | (K 11) IK11 |
| WRECKS | K 26-31 | (K 26) IK26 |

194

Symbol Name: SY(**ITZARE51**) RN: 151

Symbol Explanation: area of inshore traffic

Look up table affected: area symbols with plain boundaries

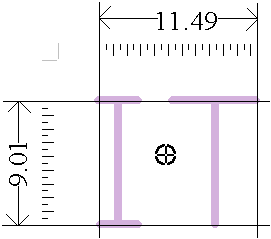
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ISTZNE | M 14, 25.1, 25.2 | (M 14) IM14 |

195

Symbol Name: SY(**LIGHTS11**) RN: 152

Symbol Explanation: light flare, red

Look up table affected: N/A

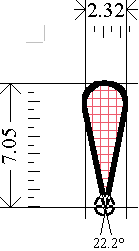
Called by CSP etc.: CSP LIGHTS06 Continuation A  
CSP LIGHTS06 Continuation B

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 LITRD  
OUTLW OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm

Transparency 50%

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | 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 | (P 46) IP46 |

196

Symbol Name: SY(**LIGHTS12**) RN: 153

Symbol Explanation: light flare, green

Look up table affected: N/A

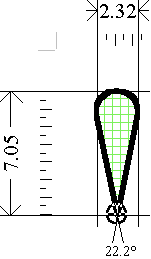
Called by CSP etc.: CSP LIGHTS06 Continuation A   
CSP LIGHTS06 Continuation B

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 LITGN  
OUTLW OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm

Transparency 50%

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | G 117; P 1-11, 11.3, 12-62, 65; Q 41; R 20, 22 | (P 21) IP21 |

197

Symbol Name: SY(**LIGHTS13**) RN: 154

Symbol Explanation: light flare, white or yellow

Look up table affected: N/A

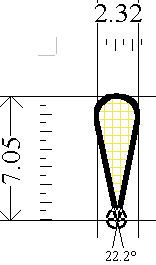
Called by CSP etc.: CSP LIGHTS06 Continuation A   
CSP LIGHTS06 Continuation B

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 LITYW  
OUTLW OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm

Transparency 50%

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | G 117; P 1-11, 11.1, 11.6, 11.7, 11.8, 12-62, 65; Q 41, 130.3; R 20, 22 | (Q 41) IQ41 |

198

Symbol Name: SY(**LIGHTS81**) RN: 155

Symbol Explanation: strip light

Look up table affected: N/A

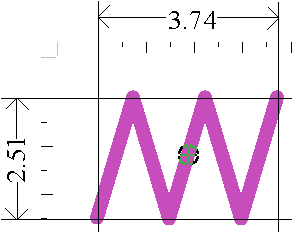
Called by CSP etc.: CSP LIGHTS06

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | P 64 | IP64 |

199

Symbol Name: SY(**LIGHTS82**) RN: 156

Symbol Explanation: floodlight

Look up table affected: N/A

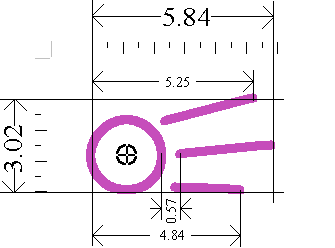
Called by CSP etc.: CSP LIGHTS06

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.32 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | G 70; P 63 | (P 63) IP63 |

200

Symbol Name: SY(**LITDEF11**) RN: 157

Symbol Explanation: light flare

Look up table affected: N/A

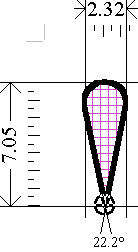
Called by CSP etc.: CSP LIGHTS06 Continuation A   
CSP LIGHTS06 Continuation B

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 CHMGD  
OUTLW OUTLW

Comments: Outline weight 0.3 mm; arc diameter 2.32 mm

Transparency 50%

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LIGHTS | G 117; P 1-10, 11, 12-15, 20.1-20.3, 22-61.1, 62; Q 41; R 20, 22 | (P 2) IP2 |

201

Symbol Name: SY(**LITFLT01**) RN: 158

Symbol Explanation: light float, paper-chart

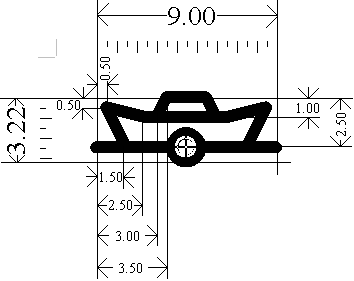
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LITFLT | Q 30-31 | (Q 30)  IQ30 (Q 31)  IQ31 |

202

Symbol Name: SY(**LITFLT02**) RN: 159

Symbol Explanation: light float, simplified

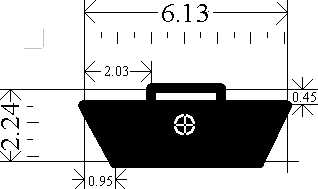
Look up table affected: simplified point symbols

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LITFLT | Q 30-31 | (Q 30)  IQ30 (Q 31)  IQ31 |

203

Symbol Name: SY(**LITVES01**) RN: 160

Symbol Explanation: light vessel, paper-chart

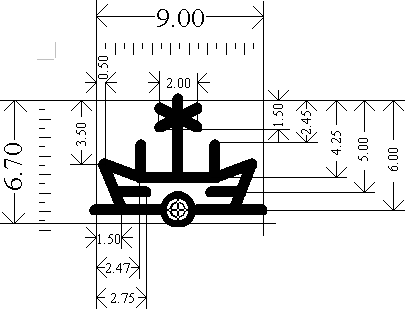
Look up table affected: paper chart point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.4 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LITVES | P 6 | IP6 |

204

Symbol Name: SY(**LITVES02**) RN: 161

Symbol Explanation: light vessel, simplified

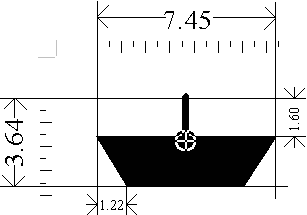
Look up table affected: simplified point symbols

Pivot Point Column: 3.72

Pivot Point Row: 1.82

Width of Bounding Box: 7.45

Height of Bounding Box: 3.64



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LITVES | P 6 | IP6 |

205

Symbol Name: SY(**LNDARE01**) RN: 162

Symbol Explanation: land as a point at small scale

Look up table affected: paper chart point symbols

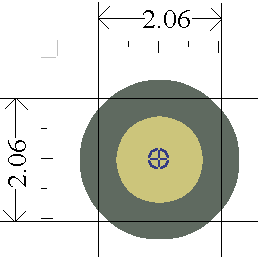
simplified point symbols

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 LANDA  
CSTLN CSTLN

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDARE | K 10 | IK10 |

206

Symbol Name: SY(**LOCMAG01**) RN: 163

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

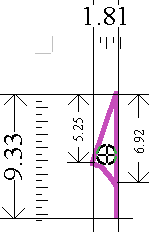
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LOCMAG | B 82.1-2 | (B 82.1)  IB82 |

207

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

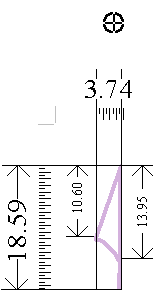
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LOCMAG | B 82.1-2 | (B 82.2)  IB82 |

208

Symbol Name: SY(**LOWACC01**) RN: 165

Symbol Explanation: point feature or area of low accuracy

Look up table affected: N/A

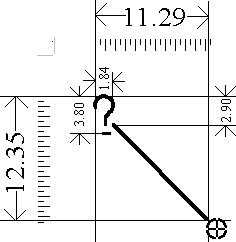
Called by CSP etc.: CSP QUAPNT02,  
CSP LOWACC01

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| not specified | B 7, 8; I 3.1, 3.2 | (B 7) IB7 |
| COALNE | C 2, 12, 32, 33 |  |
| DEPCNT | I 31 |  |
| OBSTRN | K 43.2 |  |
| SOUNDG | I 4, 14 |  |

209

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

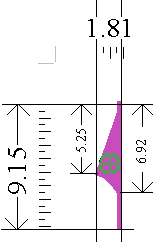
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MAGVAR | B 60, 66, 68.1, 70, 71 |  |

210

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

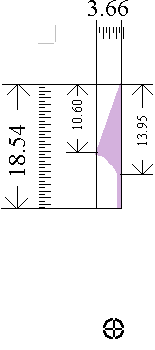
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MAGVAR | B 60, 66, 70, 71 |  |

211

Symbol Name: SY(**MARCUL02**) RN: 168

Symbol Explanation: fish farm

Look up table affected: paper chart point symbols

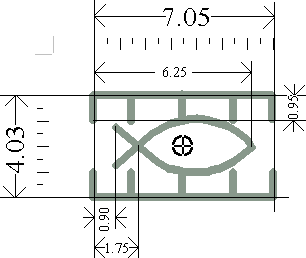
simplified point symbols

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 CHGRD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MARCUL | K 47, 48.1 – 2 | (K 48.1)  IK48 |

212

Symbol Name: SY(**MONUMT02**) RN: 169

Symbol Explanation: monument

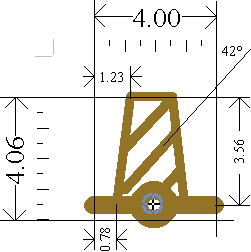
Look up table affected: paper chart point symbols

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 LANDF

Comments: Line weight 0.3 mm; cross bar line weight 0.6 mm

Circle line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 24; G 66 | (E 24)  IE24 |

213

Symbol Name: SY(**MONUMT12**) RN: 170

Symbol Explanation: conspicuous monument

Look up table affected: paper chart point symbols

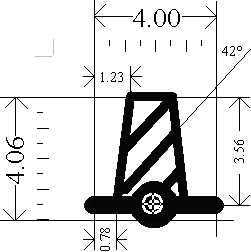
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm; cross bar line weight 0.6 mm

Circle line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 24; G 66 | (E 24)  IE24 |

214

Symbol Name: SY(**MORFAC03**) RN: 171

Symbol Explanation: mooring dolphin

Look up table affected: paper chart point symbols

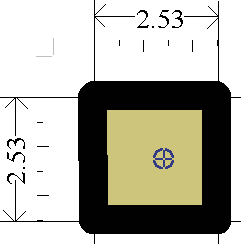
simplified point symbols

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 LANDA  
CHBLK CHBLK

Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MORFAC | F 20 | IF20 |
| SLCONS | G 171 |  |

215

Symbol Name: SY(**MORFAC04**) RN: 172

Symbol Explanation: deviation mooring dolphin

Look up table affected: paper chart point symbols

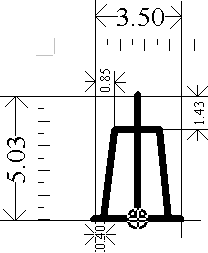
simplified point symbols

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MORFAC | F 21 | IF21 |

216

Symbol Name: SY(**MSTCON04**) RN: 173

Symbol Explanation: mast

Look up table affected: paper chart point symbols

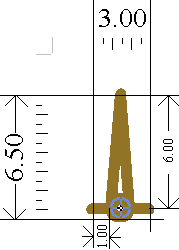
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 28, 30.1; G 67, 69; P 61.1, 61.2 | (E 28) IE28 |

217

Symbol Name: SY(**MSTCON14**) RN: 174

Symbol Explanation: conspicuous mast

Look up table affected: paper chart point symbols

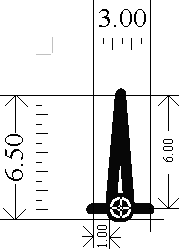
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 28, 30.1; G 67, 69; P 61.1, 61.2 | (E 30.1) IE30 |

Symbol Name: SY(**NEWOBJ01**) RN: 585

Symbol Explanation: new object

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

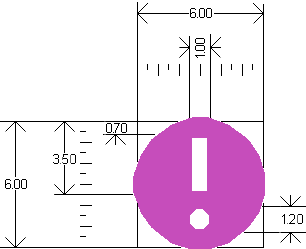
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E3.1.1 | INT 1 | |
| NEWOBJ | N/A |  |

218

Symbol Name: SY(**NORTHAR1**) RN: 175

Symbol Explanation: north arrow

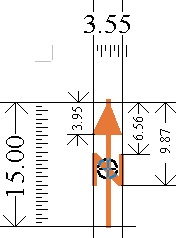
Look up table affected: N/A

Pivot Point Column: 1.93

Pivot Point Row: 8.25

Width of Bounding Box: 3.55

Height of Bounding Box: 15.00



Symbol Colours: SCLBR SCLBR

Comments: Line weight 0.6 mm  
See PresLib section 8.5.4

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

219

Symbol Name: SY(**NOTBRD11**) RN: 176

Symbol Explanation: conspicuous notice board

Look up table affected: paper chart point symbols

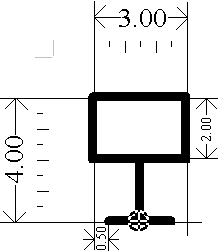
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNSPP | Q 126 | IQ126 |

220

Symbol Name: SY(**OBSTRN01**) RN: 177

Symbol Explanation obstruction, depth not stated

Look up table affected: N/A

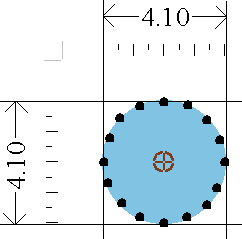
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 DEPVS  
CHBLK 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 | I 2, 4; K 1, 16, 40, 42 | (K 1) IK1 |

221

Symbol Name: SY(**OBSTRN02**) RN: 178

Symbol Explanation: obstruction in the intertidal area

Look up table affected: N/A

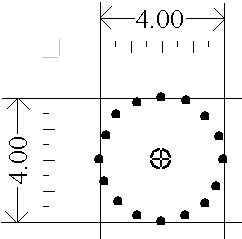
Called by CSP etc.: Earlier version of CSP OBSTRN

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 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 |

222

Symbol Name: SY(**OBSTRN03**) RN: 526

Symbol Explanation: obstruction which covers and uncovers

Look up table affected: N/A

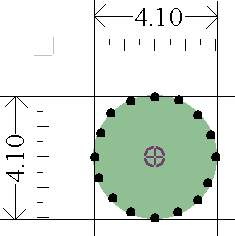
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 DEPIT  
CHBLK 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 | K 1 | IK1 |

223

Symbol Name: SY(**OBSTRN11**) RN: 179

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

Look up table affected: N/A

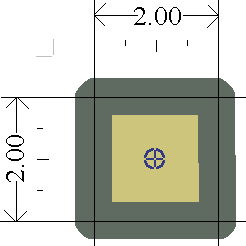
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 CSTLN  
LANDA LANDA

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | G 179, 180;  L 23 | (L 23) IL23 |

224

Symbol Name: SY(**OFSPLF01**) RN: 180

Symbol Explanation: offshore platform

Look up table affected: paper chart point symbols

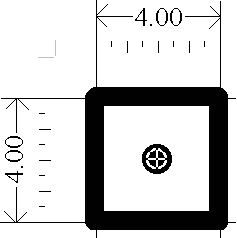
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; point diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OFSPLF | L 2, 10, 11-15, 17 | (L 2)  IL2 |

225231

Symbol Name: SY(**PILBOP02**) RN: 187

Symbol Explanation: pilot boarding place

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

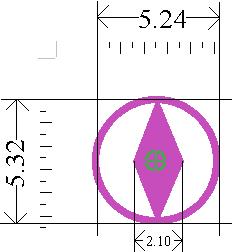
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.24 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PILBOP | T 1.1-1.4 | (T 1.1)  IT1 |

232

Symbol Name: SY(**PILPNT02**) RN: 188

Symbol Explanation: pile or bollard

Look up table affected: paper chart point symbols

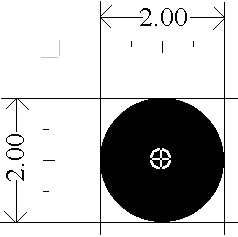
simplified point symbols

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 CHBLK

Comments: Point diameter 2.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MORFAC | G 181 |  |
| PILPNT | F 22; G 179, 180 | (F 22)  IF22 |

233234235236

237Symbol Name: SY(**POSGEN01**) RN: 193

Symbol Explanation: position of a point feature

Look up table affected: paper chart point symbols

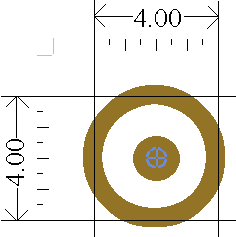
simplified point symbols

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 LANDF

Comments: Circle line weight 0.3mm; circle diameter 4.0 mm

Point diameter 1.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 10.3, 17 |  |
| RADSTA | M 30; S 1 | (M 30)  IM30 |

238

Symbol Name: SY(**POSGEN03**) RN: 194

Symbol Explanation: position of a conspicuous point feature

Look up table affected: paper chart point symbols

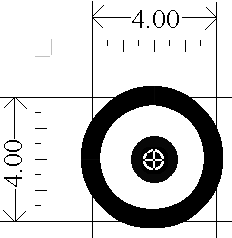
simplified point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | Not specified |  |
| LNDMRK | E 2, 17 |  |
| PYLONS | D 26 | ID26 |

239

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

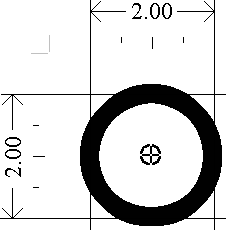
area symbols with symbolized boundaries

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 CHBLK

Pattern: N/V

Comments: Circle line weight 0.6 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CHKPNT | not specified |  |
| CTRPNT | B 20-24 | (B 21)  IB21 |
| LNDELV | C 10-13 G 24, 25; K 10, 20 | (C 11)  IC11 |
| LNDRGN | C 33;  G 3-12, 20, 21, 23, 26, 29-33, 35, 36 |  |

240

241Symbol Name: SY(**PRCARE12**) RN: 197

Symbol Explanation: point symbol for traffic precautionary area

Look up table affected: paper chart point symbols

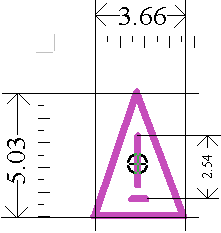
simplified point symbols

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 TRFCD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRCARE | M 16, 24 | (M 16)  IM16 |

242

Symbol Name: SY(**PRCARE51**) RN: 198

Symbol Explanation: traffic precautionary area

Look up table affected: area symbols with plain boundaries

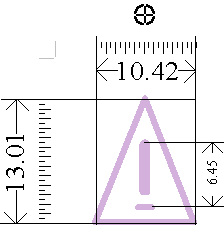
area symbols with symbolized boundaries

Pivot Point Column: 5.12

Pivot Point Row: -8.84

Width of Bounding Box: 10.42

Height of Bounding Box: 13.01



Symbol Colours: TRFCF TRFCF

Pattern: N/V

Comments: Line weight 0.6 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRCARE | M 16, 24 |  |

243

Symbol Name: SY(**PRDINS02**) RN: 199

Symbol Explanation: mine, quarry

Look up table affected: paper chart point symbols

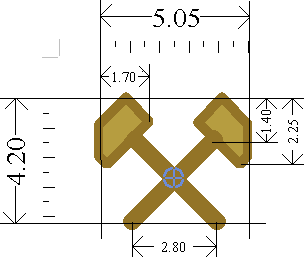
simplified point symbols

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 LANDF  
CHBRN CHBRN

Pattern: N/V

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

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | E 35.1, 35.2 | (E 35.2)  IE35 |

244

Symbol Name: SY(**PRICKE03**) RN: 200

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

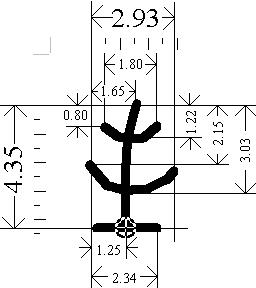
Look up table affected: paper chart point symbols

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 CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 92 | IQ92 |

245

Symbol Name: SY(**PRICKE04**) RN: 201

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

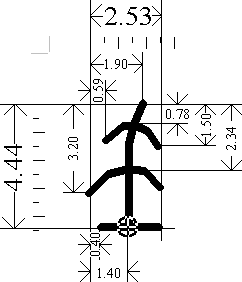
Look up table affected: paper chart point symbols

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 CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BCNLAT | Q 92 | IQ92 |

Symbol Name: SY(**PSSARE01**) RN: 519

Symbol Explanation: PSSA - centred symbol

Look up table affected: area symbols with plain boundaries

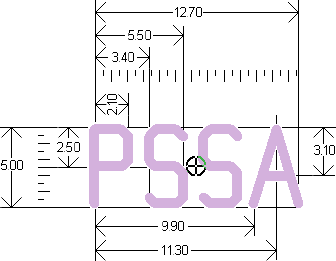
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E.3.1.1 | INT 1 | |
| RESARE,  CATREA 28 | N22 | N 22  N 22 |

246

Symbol Name: SY(**QUAPOS01**) RN: 202

Symbol Explanation: position approximate

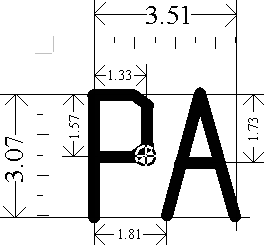
Look up table affected: N/V

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 CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| As applicable | B 7 | IB7 |

247

Symbol Name: SY(**QUARRY01**) RN: 203

Symbol Explanation: quarry

Look up table affected: area symbols with plain boundaries

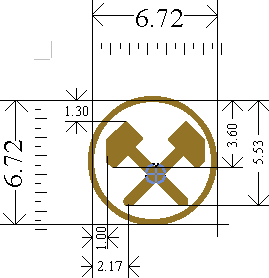
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | E 35.1, 35.2 | (E 35.1)  IE35 |

248

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

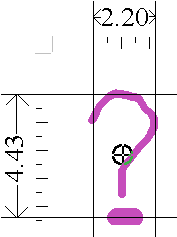
Called by CSP etc.: CSP LIGHTS06 Continuation A

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 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 |  |  |

249

Symbol Name: SY(**RACNSP01**) RN: 205

Symbol Explanation: symbol indicating this object is radar conspicuous

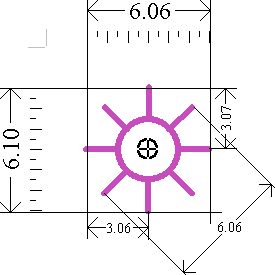
Look up table affected: line symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| Not specified | S 4, 5 | (S 5) IS5 |
| CBLOHD | D 26 |  |
| CONVYR | D 25;  G 182 |  |
| PIPOHD | D 28 |  |

250

Symbol Name: SY(**RADRFL03**) RN: 206

Symbol Explanation: radar reflector

Look up table affected: paper chart point symbols

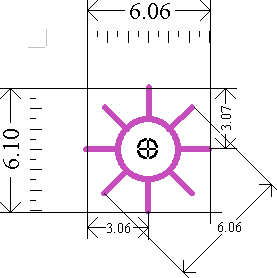
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RADRFL | Not specified |  |

251

Symbol Name: SY(**RASCAN01**) RN: 207

Symbol Explanation: radar scanner

Look up table affected: paper chart point symbols

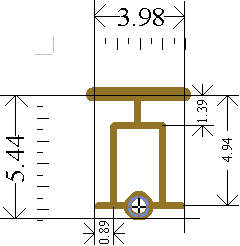
simplified point symbols

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 LANDF

Comments: Line weight 0.3 mm; upper bar line weight 0.3mm

Circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 30.3 | IE30 |

252

Symbol Name: SY(**RASCAN11**) RN: 208

Symbol Explanation: conspicuous radar scanner

Look up table affected: paper chart point symbols

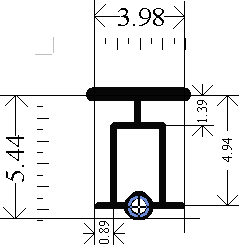
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm; upper bar line weight 0.6 mm

Circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 30.3 | (E 30.3)  IE30 |

253

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

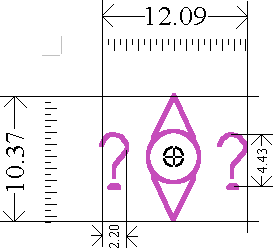
simplified point symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RDOCAL | M 40 | IM40 |

254

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

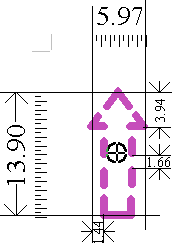
area symbols with symbolized boundaries

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 TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCTLPT | not specified |  |

255

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

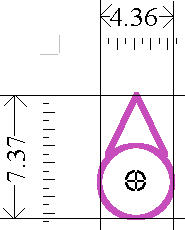
simplified point symbols

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 TRFCD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RDOCAL | M 40 | IM40 |

256

Symbol Name: SY(**RDOCAL03**) RN: 212

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

Look up table affected: line symbols

paper chart point symbols

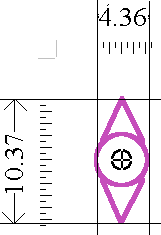
simplified point symbols

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 TRFCD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RDOCAL | M 40 | IM40 |

257

Symbol Name: SY(**RDOSTA02**) RN: 213

Symbol Explanation: radio station

Look up table affected: paper chart point symbols

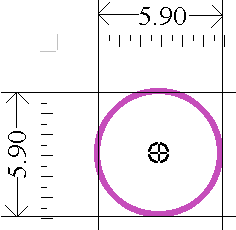
simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RADSTA | M 30; S 1 | (M 30)  IM30 |
| RDOSTA | S 10-16 | (S 10)  IS10 |

258

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

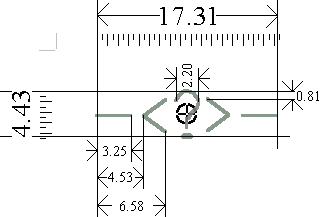
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-4, 5.1, 5.2, 6 | (M 6)  IM6 |

259

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

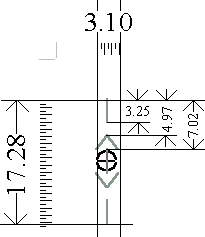
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 4, 5.2, 6, 32.2 | (M 4)  IM4 |

260

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

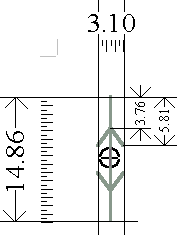
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 3, 5.2, 6; P 20.1, 20.2, 30.2 | (M 3) IM3 |

261

Symbol Name: SY(**RECTRC57**) 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

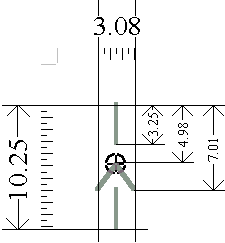
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 5.1 | IM5 |

262

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

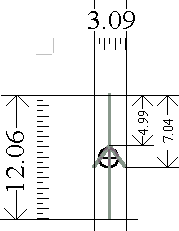
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 5.1 | IM5 |

263

264Symbol Name: SY(**RETRFL01**) RN: 220

Symbol Explanation: retro reflector, paper chart

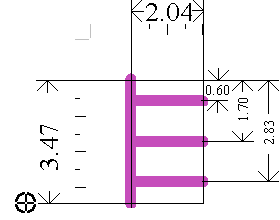
Look up table affected: paper chart point symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RETRFL | not specified |  |

265

Symbol Name: SY(**RETRFL02**) RN: 221

Symbol Explanation: retro reflector, simplified

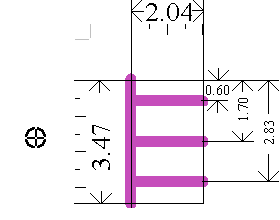
Look up table affected: simplified point symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RETRFL | not specified |  |

266

Symbol Name: SY(**RFNERY01**) RN: 222

Symbol Explanation: refinery

Look up table affected: area symbols with plain boundaries

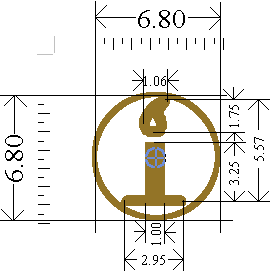
area symbols with symbolized boundaries

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 LANDF

Comments: Circle line weight 0.3 mm; circle diameter 6.8 mm

Flame and lower bar line weight 0.3 mm

Vertical bar line weight 0.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | G 87 |  |

267

Symbol Name: SY(**RFNERY11**) RN: 223

Symbol Explanation: conspicuous refinery

Look up table affected: area symbols with plain boundaries

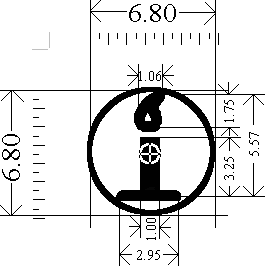
area symbols with symbolized boundaries

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 CHBLK

Comments: Circle line weight 0.6 mm; circle diameter 7.4 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 |  |

268

Symbol Name: SY(**ROLROL01**) RN: 224

Symbol Explanation: RoRo terminal

Look up table affected: paper chart point symbols

area symbols with plain boundaries

simplified point symbols

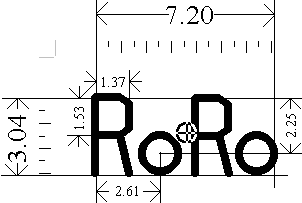
area symbols with symbolized boundaries

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 CHBLK

Comments: Line weight 0.3 mm; circle diameter 1.48 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| HRBFAC | F 50 | IF50 |

269

Symbol Name: SY(**RSCSTA02**) RN: 225

Symbol Explanation: rescue station

Look up table affected: paper chart point symbols

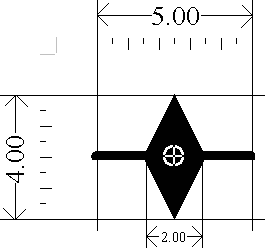
simplified point symbols

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RSCSTA | T 11-14 | (T 12)  IT12 |

270

Symbol Name: SY(**RSRDEF51**) RN: 226

Symbol Explanation: area in which undefined restrictions exist

Look up table affected: N/A

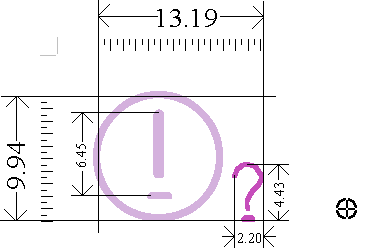
Called by CSP etc.: CSP RESARE04,  
CSP RESARE04 Continuation E,  
CSP RESCSP02

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 TRFCF  
CHMGD 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 |  |

271

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

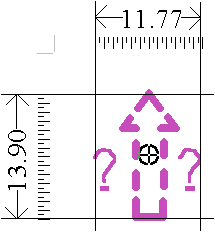
area symbols with symbolized boundaries

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 TRFCD  
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCTLPT | not specified |  |

272

Symbol Name: SY(**RTPBCN02**) RN: 228

Symbol Explanation: radar transponder beacon

Look up table affected: paper chart point symbols

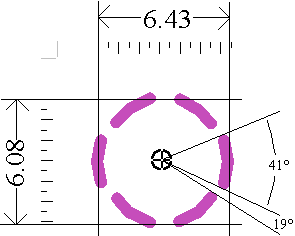
simplified point symbols

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 CHMGD

Comments: Line weight 0.6 mm; circle diameter 6.08 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RTPBCN | S 2-3 | (S 3)  IS3 |

273

Symbol Name: SY(**SAFCON00**) RN: 528

Symbol Explanation: contour label

Look up table affected: N/A

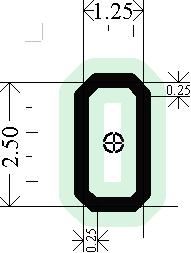
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

274

Symbol Name: SY(**SAFCON01**) RN: 529

Symbol Explanation: contour label

Look up table affected: N/A

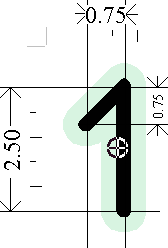
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

275

Symbol Name: SY(**SAFCON02**) RN: 530

Symbol Explanation: contour label

Look up table affected: N/A

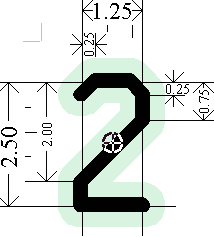
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

276

Symbol Name: SY(**SAFCON03**) RN: 531

Symbol Explanation: contour label

Look up table affected: N/A

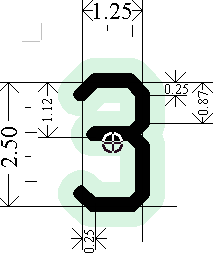
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

277

Symbol Name: SY(**SAFCON04**) RN: 532

Symbol Explanation: contour label

Look up table affected: N/A

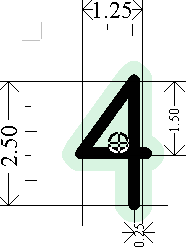
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

278

Symbol Name: SY(**SAFCON05**) RN: 533

Symbol Explanation: contour label

Look up table affected: N/A

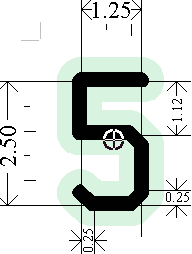
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

279

Symbol Name: SY(**SAFCON06**) RN: 534

Symbol Explanation: contour label

Look up table affected: N/A

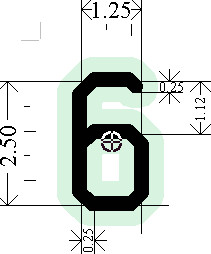
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

280

Symbol Name: SY(**SAFCON07**) RN: 535

Symbol Explanation : contour label

Look up table affected: N/A

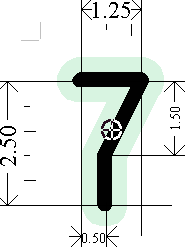
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

281

Symbol Name: SY(**SAFCON08**) RN: 536

Symbol Explanation: contour label

Look up table affected: N/A

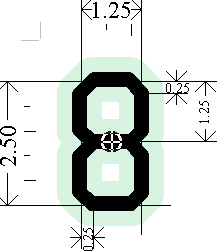
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

282

Symbol Name: SY(**SAFCON09**) RN: 537

Symbol Explanation : contour label

Look up table affected: N/A

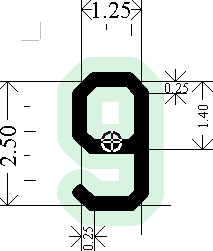
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

283

Symbol Name: SY(**SAFCON10**) RN: 538

Symbol Explanation : contour label

Look up table affected: N/A

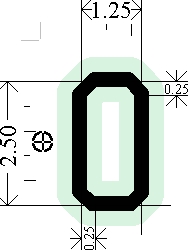
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours : DEPDW DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

284

Symbol Name: SY(**SAFCON11**) RN: 539

Symbol Explanation: contour label

Look up table affected: N/A

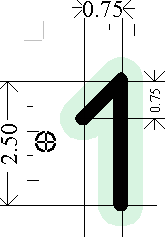
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

285

Symbol Name: SY(**SAFCON12**) RN: 540

Symbol Explanation: contour label

Look up table affected: N/A

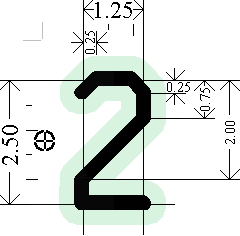
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

286

Symbol Name: SY(**SAFCON13**) RN: 541

Symbol Explanation : contour label

Look up table affected: N/A

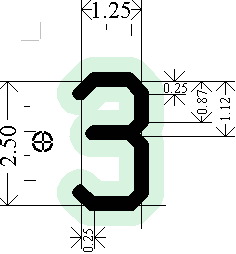
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

287

Symbol Name: SY(**SAFCON14**) RN: 542

Symbol Explanation : contour label

Look up table affected: N/A

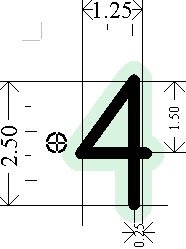
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

288

Symbol Name: SY(**SAFCON15**) RN: 543

Symbol Explanation : contour label

Look up table affected: N/A

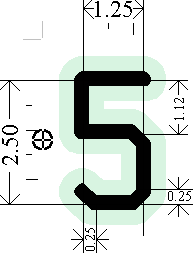
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

289

Symbol Name: SY(**SAFCON16**) RN: 544

Symbol Explanation: contour label

Look up table affected: N/A

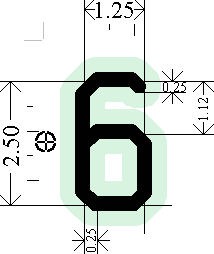
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

290

Symbol Name: SY(**SAFCON17**) RN: 545

Symbol Explanation : contour label

Look up table affected: N/A

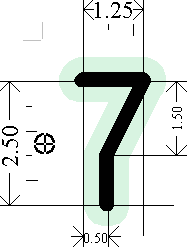
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

291

Symbol Name: SY(**SAFCON18**) RN: 546

Symbol Explanation : contour label

Look up table affected: N/A

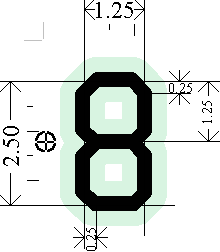
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

292

Symbol Name: SY(**SAFCON19**) RN: 547

Symbol Explanation : contour label

Look up table affected: N/A

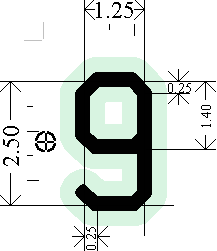
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

293

Symbol Name: SY(**SAFCON20**) RN: 548

Symbol Explanation: contour label

Look up table affected: N/A

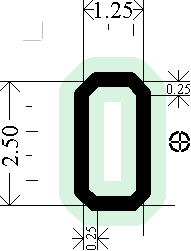
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

294

Symbol Name: SY(**SAFCON21**) RN: 549

Symbol Explanation: contour label

Look up table affected: N/A

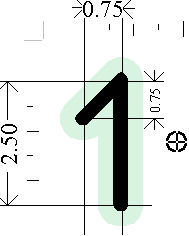
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

295

Symbol Name: SY(**SAFCON22**) RN: 550

Symbol Explanation : contour label

Look up table affected: N/A

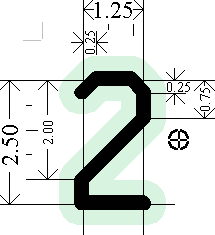
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

296

Symbol Name: SY(**SAFCON23**) RN: 551

Symbol Explanation : contour label

Look up table affected: N/A

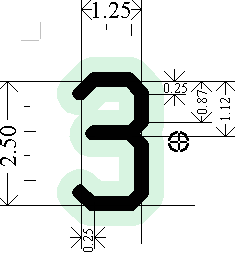
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

297

Symbol Name: SY(**SAFCON24**) RN: 552

Symbol Explanation: contour label

Look up table affected: N/A

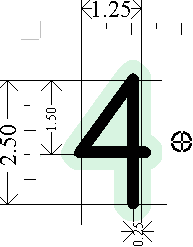
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

298

Symbol Name: SY(**SAFCON25**) RN: 553

Symbol Explanation : contour label

Look up table affected: N/A

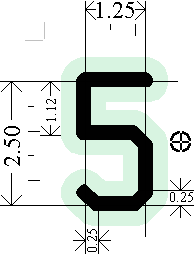
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

299

Symbol Name: SY(**SAFCON26**) RN: 554

Symbol Explanation : contour label

Look up table affected: N/A

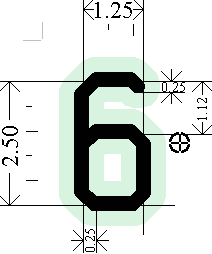
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

300

Symbol Name: SY(**SAFCON27**) RN: 555

Symbol Explanation : contour label

Look up table affected: N/A

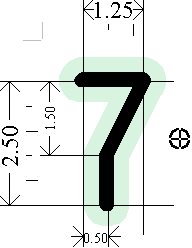
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

301

Symbol Name: SY(**SAFCON28**) RN: 556

Symbol Explanation: contour label

Look up table affected: N/A

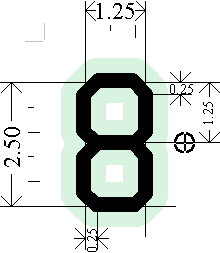
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

302

Symbol Name: SY(**SAFCON29**) RN: 557

Symbol Explanation : contour label

Look up table affected: N/A

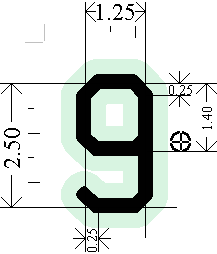
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

303

Symbol Name: SY(**SAFCON50**) RN: 558

Symbol Explanation : contour label

Look up table affected: N/A

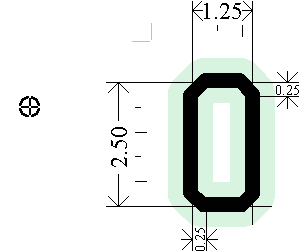
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

304

Symbol Name: SY(**SAFCON51**) RN: 559

Symbol Explanation: contour label

Look up table affected: N/A

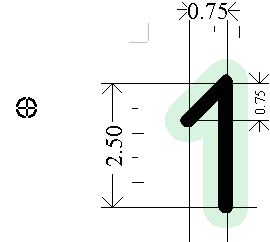
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

305

Symbol Name: SY(**SAFCON52**) RN: 560

Symbol Explanation: contour label

Look up table affected: N/A

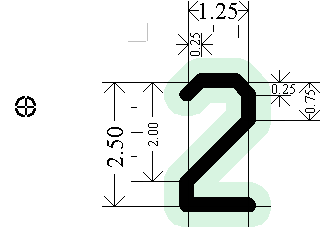
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

306

Symbol Name: SY(**SAFCON53**) RN: 561

Symbol Explanation : contour label

Look up table affected: N/A

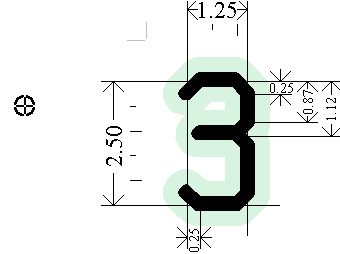
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

307

Symbol Name: SY(**SAFCON54**) RN: 562

Symbol Explanation : contour label

Look up table affected: N/A

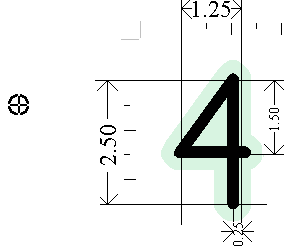
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

308

Symbol Name: SY(**SAFCON55**) RN: 563

Symbol Explanation : contour label

Look up table affected: N/A

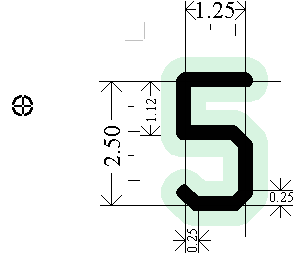
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

309

Symbol Name: SY(**SAFCON56**) RN: 564

Symbol Explanation : contour label

Look up table affected: N/A

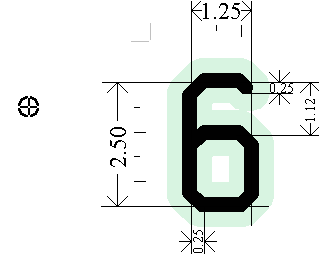
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

310

Symbol Name: SY(**SAFCON57**) RN: 565

Symbol Explanation: contour label

Look up table affected: N/A

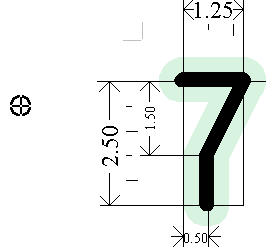
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

311

Symbol Name: SY(**SAFCON58**) RN: 566

Symbol Explanation: contour label

Look up table affected: N/A

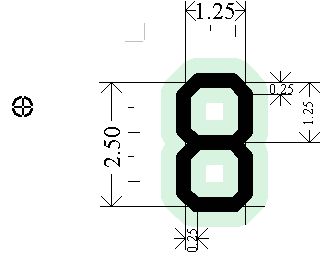
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

312

Symbol Name: SY(**SAFCON59**) RN: 567

Symbol Explanation: contour label

Look up table affected: N/A

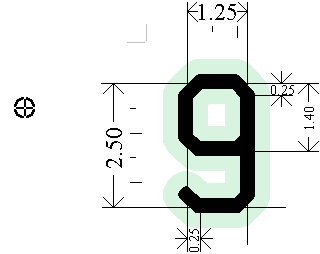
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

313

Symbol Name: SY(**SAFCON60**) RN: 568

Symbol Explanation: contour label

Look up table affected: N/A

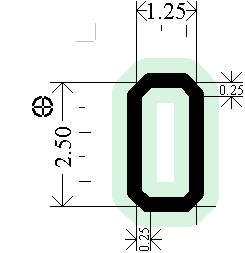
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

314

Symbol Name: SY(**SAFCON61**) RN: 569

Symbol Explanation: contour label

Look up table affected: N/A

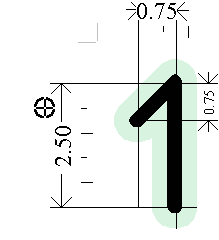
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

315

Symbol Name: SY(**SAFCON62**) RN: 570

Symbol Explanation: contour label

Look up table affected: N/A

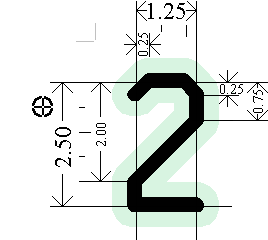
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

316

Symbol Name: SY(**SAFCON63**) RN: 571

Symbol Explanation: contour label

Look up table affected: N/A

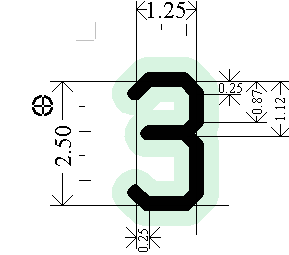
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

317

Symbol Name: SY(**SAFCON64**) RN: 572

Symbol Explanation: contour label

Look up table affected: N/A

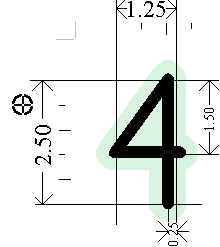
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

318

Symbol Name: SY(**SAFCON65**) RN: 573

Symbol Explanation: contour label

Look up table affected: N/A

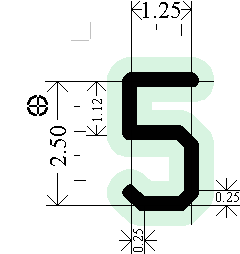
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

319

Symbol Name: SY(**SAFCON66**) RN: 574

Symbol Explanation: contour label

Look up table affected: N/A

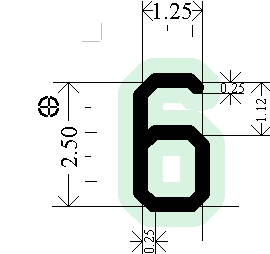
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

320

Symbol Name: SY(**SAFCON67**) RN: 575

Symbol Explanation: contour label

Look up table affected: N/A

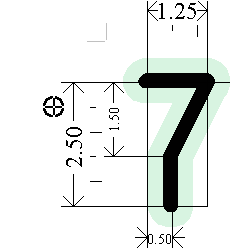
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

321

Symbol Name: SY(**SAFCON68**) RN: 576

Symbol Explanation: contour label

Look up table affected: N/A

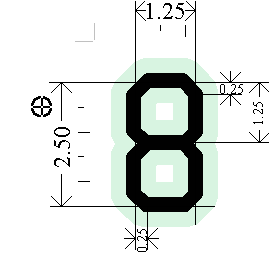
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

322

Symbol Name: SY(**SAFCON69**) RN: 577

Symbol Explanation: contour label

Look up table affected: N/A

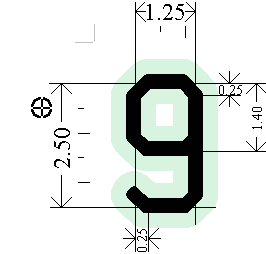
Called by CSP etc.: CSP SAFCON01

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 DEPDW

SNDG2 SNDG2

Comments: Background line weight 0.9 mm; foreground line weight 0.3 mm

Examples on ENC N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | not specified |  |
| DEPCNT | I 30, 31 | (I 30) II30 |
| DRGARE | not specified |  |

323

Symbol Name: SY(**SCALEB10**) RN: 229

Symbol Explanation: one mile scale bar for display scales larger than 1/80,000

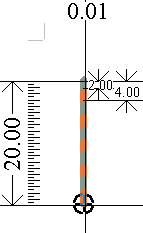
Look up table affected: N/A

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 SCLBR  
CHGRD 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 |

324

Symbol Name: SY(**SCALEB11**) RN: 230

Symbol Explanation: 10 mile latitude scale for display scales smaller than 1/80,000

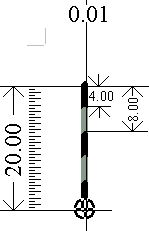
Look up table affected: N/A

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 SNDG2  
SNDG1 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 |

325

Symbol Name: SY(**SILBUI01**) RN: 231

Symbol Explanation: silo

Look up table affected: paper chart point symbols

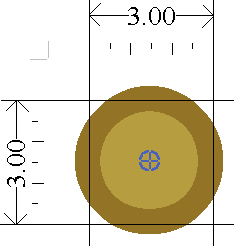
simplified point symbols

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 LANDF  
CHBRN CHBRN

Comments: Outline weight 0.3mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SILTNK | E 33 | IE33 |

326

Symbol Name: SY(**SILBUI11**) RN: 232

Symbol Explanation: conspicuous silo

Look up table affected: paper chart point symbols

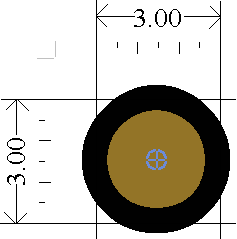
simplified point symbols

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 LANDF  
CHBLK CHBLK

Comments: Outline weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SILTNK | E 2, 33 | (E 33)  IE33 |

327

Symbol Name: SY(**SISTAT02**) RN: 233

Symbol Explanation: signal station

Look up table affected: paper chart point symbols

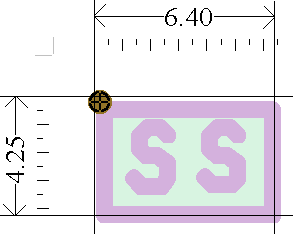
simplified point symbols

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 CHWHT  
LANDF LANDF  
CHMGF CHMGF

Comments: Box outline weight 0.6 mm; point diameter 0.8 mm;

Other dimensions like CGUSTA02

Examples on ENC:

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SISTAT | T 21-25.2, 27 | (T 21)  IT21 |
| SISTAW | T 20, 26-36 | (T 20)  IT20 |

328

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

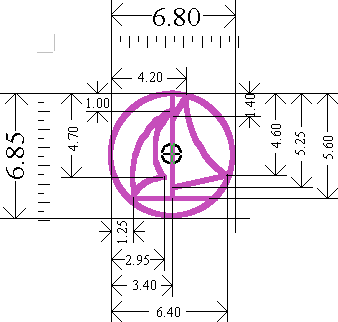
area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.8 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| HRBFAC | U 1.1, 1.2 | (U 1.1)  IU1 |
| SMCFAC | F 17;  G 93, 131; U 2-13, 15-30 |  |

329

Symbol Name: SY(**SNDWAV02**) RN: 235

Symbol Explanation: sand waves

Look up table affected: line symbols paper chart point symbols

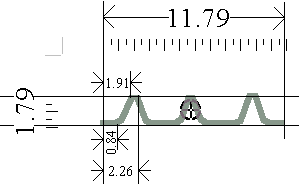
simplified point symbols

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SNDWAV | J 14 | IJ14 |

330

Symbol Name: SY(**SOUNDG00**) RN: 236

Symbol Explanation: deep soundings, greater than safety depth

Look up table affected: N/A

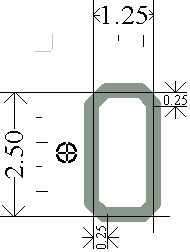
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

331

Symbol Name: SY(**SOUNDG01**) RN: 237

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

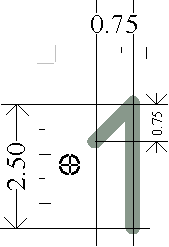
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

332

Symbol Name: SY(**SOUNDG02**) RN: 238

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

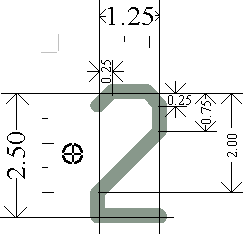
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

333

Symbol Name: SY(**SOUNDG03**) RN: 239

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

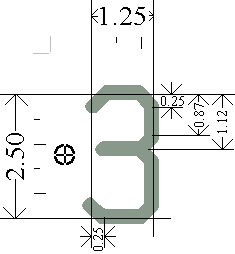
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

334

Symbol Name: SY(**SOUNDG04**) RN: 240

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

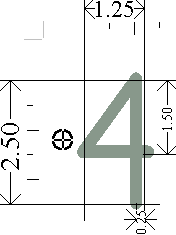
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

335

Symbol Name: SY(**SOUNDG05**) RN: 241

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

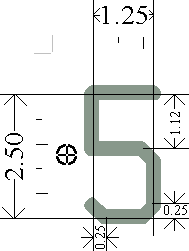
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

336

Symbol Name: SY(**SOUNDG06**) RN: 242

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

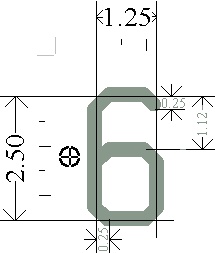
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

337

Symbol Name: SY(**SOUNDG07**) RN: 243

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

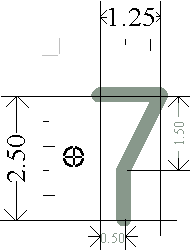
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

338

Symbol Name: SY(**SOUNDG08**) RN: 244

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

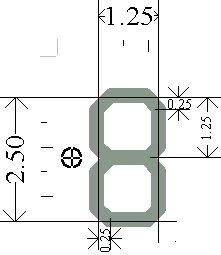
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

339

Symbol Name: SY(**SOUNDG09**) RN: 245

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

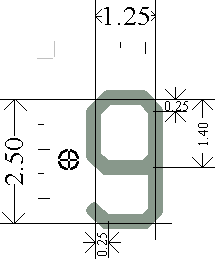
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

340

Symbol Name: SY(**SOUNDG10**) RN: 246

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

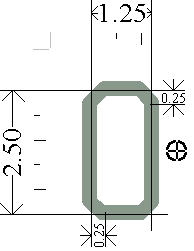
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

341

Symbol Name: SY(**SOUNDG11**) RN: 247

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

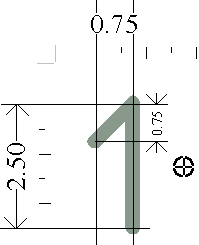
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

Symbol Name: SY(**SOUNDG12**) RN: 248

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

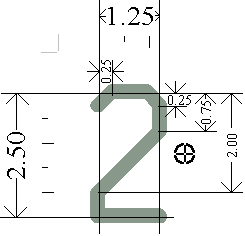
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

343

Symbol Name: SY(**SOUNDG13**) RN: 249

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

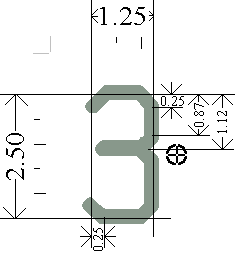
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

344

Symbol Name: SY(**SOUNDG14**) RN: 250

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

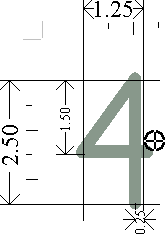
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

345

Symbol Name: SY(**SOUNDG15**) RN: 251

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

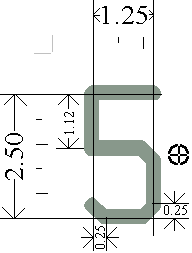
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

346

Symbol Name: SY(**SOUNDG16**) RN: 252

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

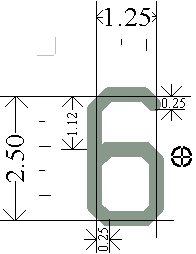
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

347

Symbol Name: SY(**SOUNDG17**) RN: 253

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

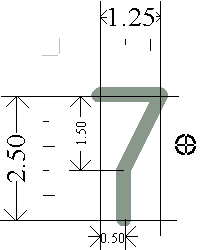
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

348

Symbol Name: SY(**SOUNDG18**) RN: 254

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

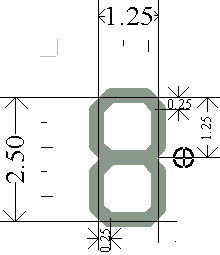
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

349

Symbol Name: SY(**SOUNDG19**) RN: 255

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

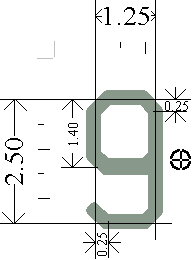
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

350

Symbol Name: SY(**SOUNDG20**) RN: 256

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

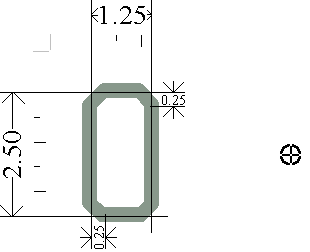
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

351

Symbol Name: SY(**SOUNDG21**) RN: 257

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

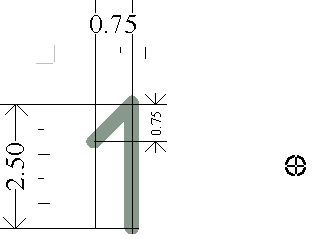
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

352

Symbol Name: SY(**SOUNDG22**) RN: 258

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

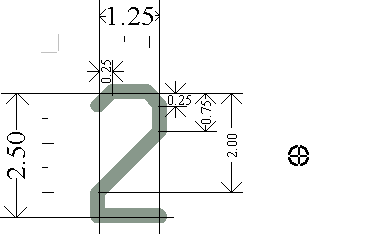
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

353

Symbol Name: SY(**SOUNDG23**) RN: 259

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

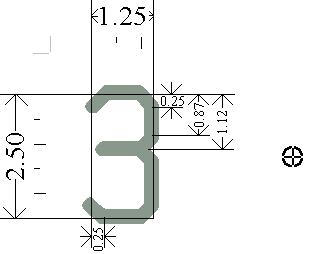
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

354

Symbol Name: SY(**SOUNDG24**) RN: 260

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

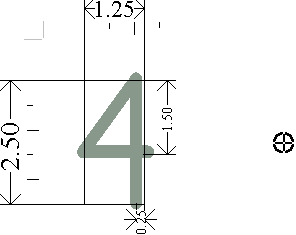
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

355

Symbol Name: SY(**SOUNDG25**) RN: 261

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

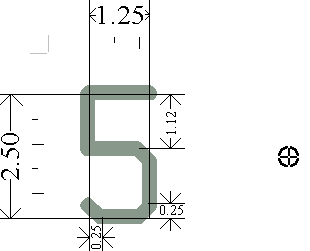
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

356

Symbol Name: SY(**SOUNDG26**) RN: 262

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

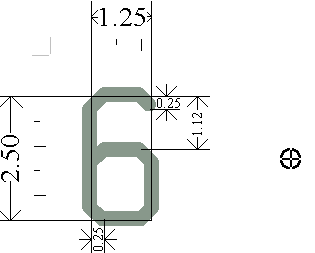
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

357

Symbol Name: SY(**SOUNDG27**) RN: 263

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

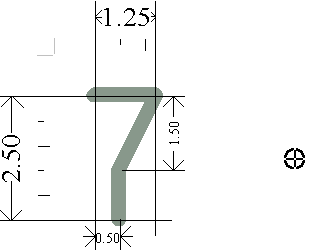
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

358

Symbol Name: SY(**SOUNDG28**) RN: 264

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

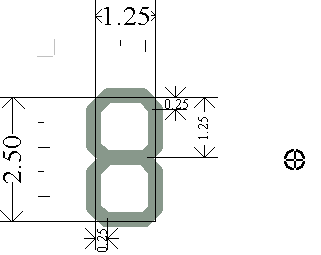
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

359

Symbol Name: SY(**SOUNDG29**) RN: 265

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

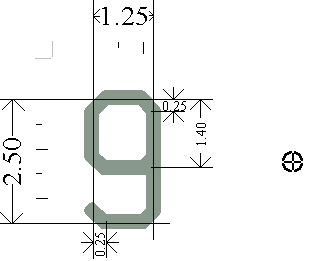
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

360

Symbol Name: SY(**SOUNDG30**) RN: 266

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

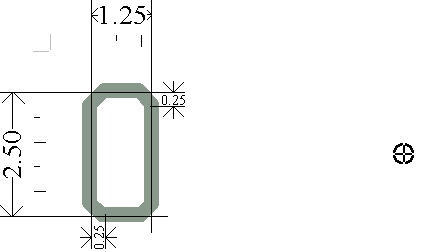
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

361

Symbol Name: SY(**SOUNDG31**) RN: 267

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

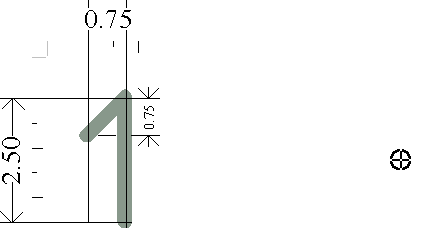
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

362

Symbol Name: SY(**SOUNDG32**) RN: 268

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

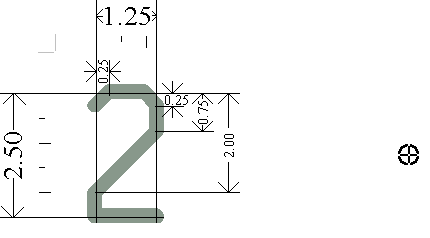
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

363

Symbol Name: SY(**SOUNDG33**) RN: 269

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

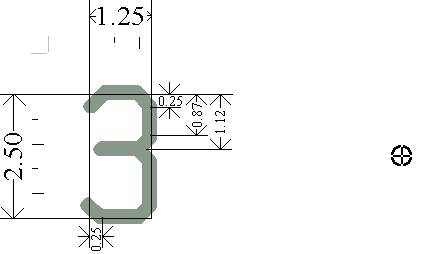
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

364

Symbol Name: SY(**SOUNDG34**) RN: 270

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

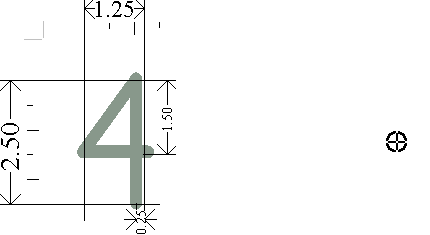
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

365

Symbol Name: SY(**SOUNDG35**) RN: 271

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

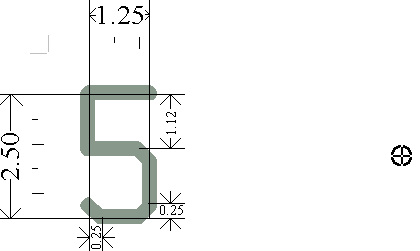
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

366

Symbol Name: SY(**SOUNDG36**) RN: 272

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

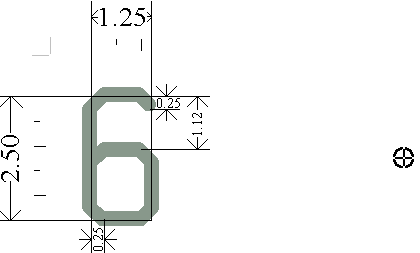
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

367

Symbol Name: SY(**SOUNDG37**) RN: 273

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

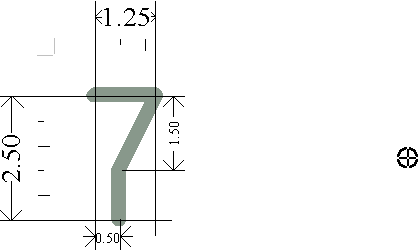
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours: SNDG1 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

368

Symbol Name: SY(**SOUNDG38**) RN: 274

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

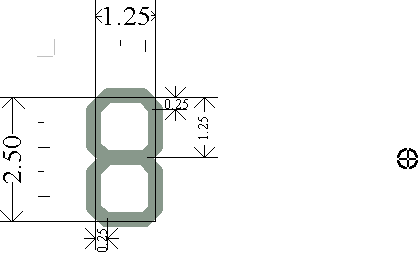
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

369

Symbol Name: SY(**SOUNDG39**) RN: 275

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

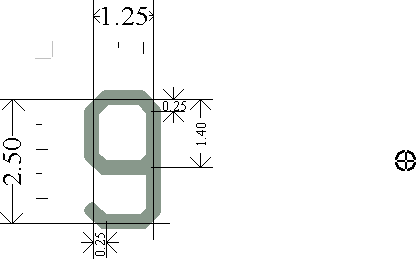
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

370

Symbol Name: SY(**SOUNDG40**) RN: 276

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

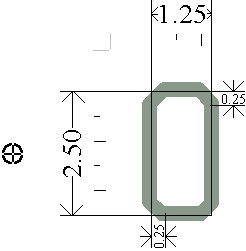
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

371

Symbol Name: SY(**SOUNDG41**) RN: 277

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

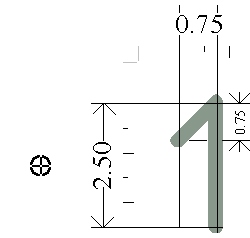
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

372

Symbol Name: SY(**SOUNDG42**) RN: 278

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

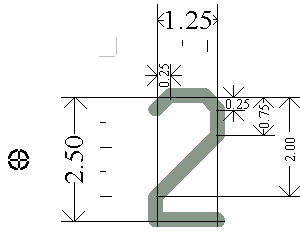
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

373

Symbol Name: SY(**SOUNDG43**) RN: 279

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

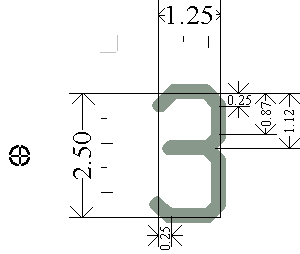
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

374

Symbol Name: SY(**SOUNDG44**) RN: 280

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

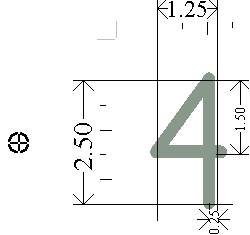
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

375

Symbol Name: SY(**SOUNDG45**) RN: 281

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

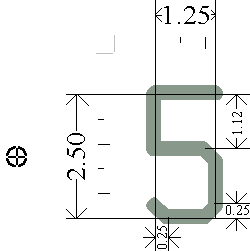
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

376

Symbol Name: SY(**SOUNDG46**) RN: 282

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

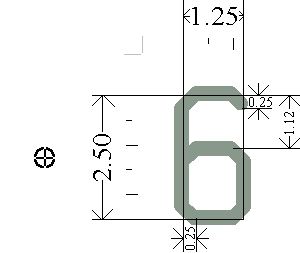
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC:

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

377

Symbol Name: SY(**SOUNDG47**) RN: 283

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

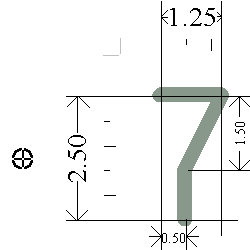
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

378

Symbol Name: SY(**SOUNDG48**) RN: 284

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

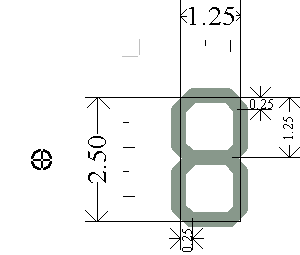
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

379

Symbol Name: SY(**SOUNDG49**) RN: 285

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

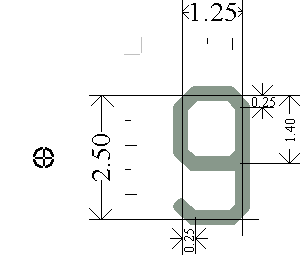
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

380

Symbol Name: SY(**SOUNDG50**) RN: 286

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

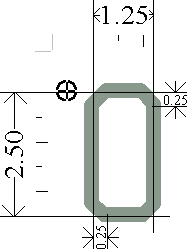
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

381

Symbol Name: SY(**SOUNDG51**) RN: 287

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

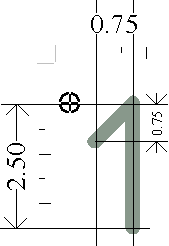
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

382

Symbol Name: SY(**SOUNDG52**) RN: 288

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

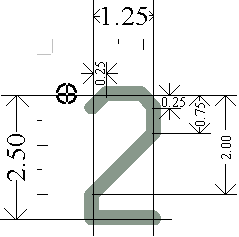
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

383

Symbol Name: SY(**SOUNDG53**) RN: 289

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

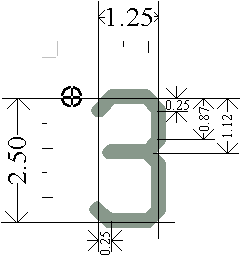
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

384

Symbol Name: SY(**SOUNDG54**) RN: 290

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

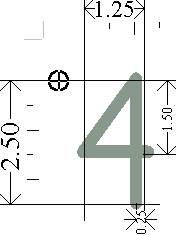
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

385

Symbol Name: SY(**SOUNDG55**) RN: 291

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

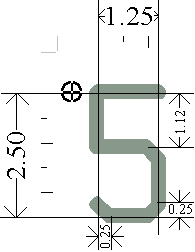
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

386

Symbol Name: SY(**SOUNDG56**) RN: 292

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

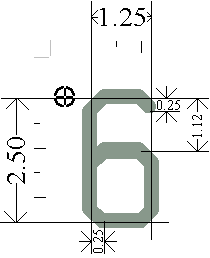
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

387

Symbol Name: SY(**SOUNDG57**) RN: 293

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

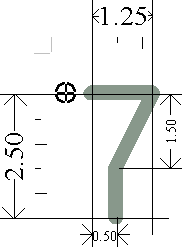
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

388

Symbol Name: SY(**SOUNDG58**) RN: 294

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

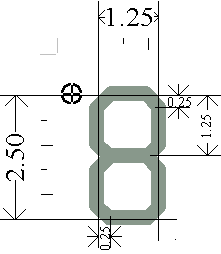
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

389

Symbol Name: SY(**SOUNDG59**) RN: 295

Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

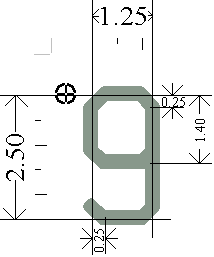
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 4) II4 |
| OBSTRN | I 2, 4; K 41, 42, 46.2;  L 20, 21.2; M 43;  Q 42 | (K 41) IK41 |
| UWTROC | K 11, 12, 14.1, 14.2,15; O 27 | (K 14.1) IK14 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 26) IK22 |

390

Symbol Name: SY(**SOUNDGB1**) RN: 296

Symbol Explanation: symbol for swept sounding, used for deep soundings greater than safety depth

Look up table affected: N/A

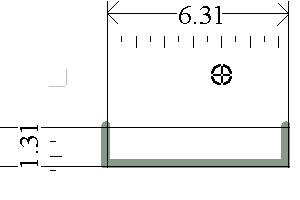
Called by CSP etc.: CSP SNDFRM04

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 SNDG1

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| as applicable | K 2 | IK2 |
| OBSTRN | K 42 | IK42 |
| WRECKS | K 27 | IK27 |

391

Symbol Name: SY(**SOUNDGC2**) RN: 298

Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

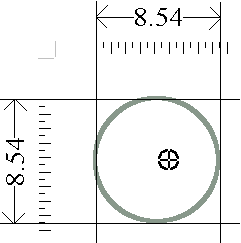
Called by CSP etc.: CSP SNDFRM04

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 SNDG1

Comments: Line weight 0.3 mm; circle diameter 8.54 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| as applicable | B 7, 8;  I 1, 3.1, 3.2;  IP 89 | (B 8) IB8 |
| OBSTRN | I 2 | (I 2) II2 |
| SOUNDG | I 2, 4, 13, 14 | (I 14) II14 |

392

Symbol Name: SY(**SOUNDS00**) RN: 299

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

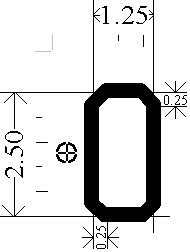
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

393

Symbol Name: SY(**SOUNDS01**) RN: 300

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

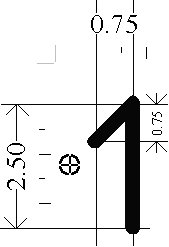
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

394

Symbol Name: SY(**SOUNDS02**) RN: 301

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

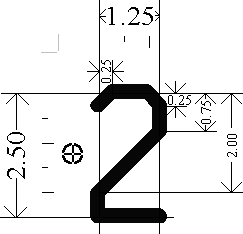
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

395

Symbol Name: SY(**SOUNDS03**) RN: 302

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

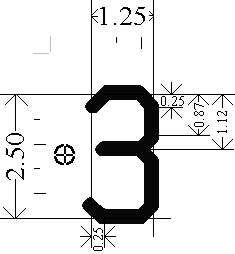
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

396

Symbol Name: SY(**SOUNDS04**) RN: 303

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

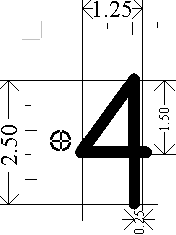
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

397

Symbol Name: SY(**SOUNDS05**) RN: 304

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

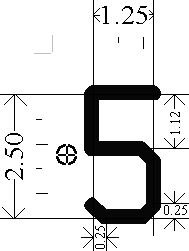
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

398

Symbol Name: SY(**SOUNDS06**) RN: 305

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

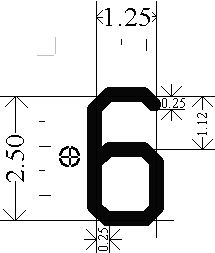
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

399

Symbol Name: SY(**SOUNDS07**) RN: 306

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

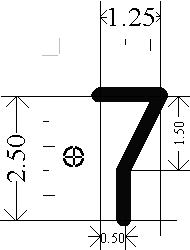
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

400

Symbol Name: SY(**SOUNDS08**) RN: 307

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

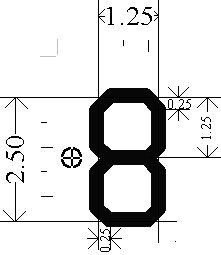
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

401

Symbol Name: SY(**SOUNDS09**) RN: 308

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

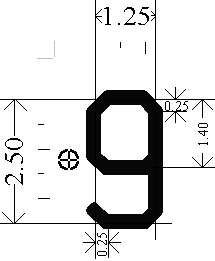
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

402

Symbol Name: SY(**SOUNDS10**) RN: 309

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

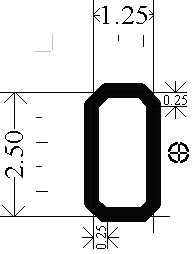
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

403

Symbol Name: SY(**SOUNDS11**) RN: 310

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

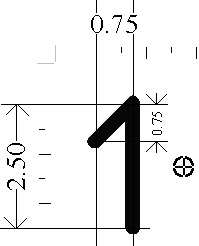
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

404

Symbol Name: SY(**SOUNDS12**) RN: 311

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

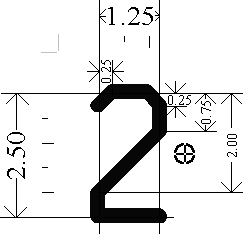
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

405

Symbol Name: SY(**SOUNDS13**) RN: 312

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

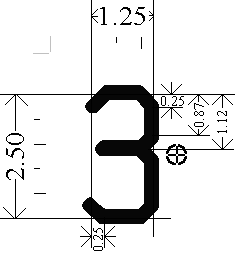
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

406

Symbol Name: SY(**SOUNDS14**) RN: 313

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

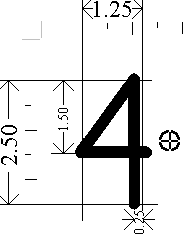
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

407

Symbol Name: SY(**SOUNDS15**) RN: 314

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

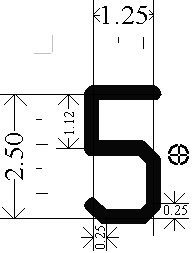
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

408

Symbol Name: SY(**SOUNDS16**) RN: 315

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

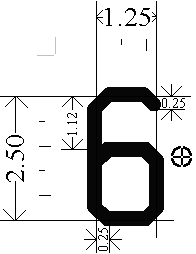
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

409

Symbol Name: SY(**SOUNDS17**) RN: 316

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

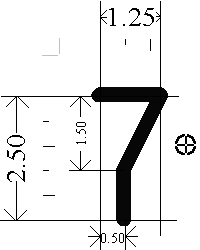
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours: SNDG2 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

410

Symbol Name: SY(**SOUNDS18**) RN: 317

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

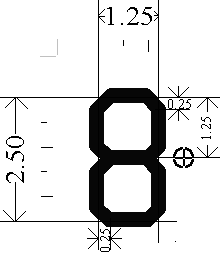
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

411

Symbol Name: SY(**SOUNDS19**) RN: 318

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

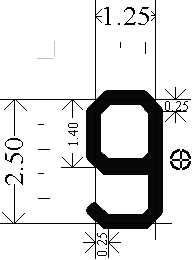
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

412

Symbol Name: SY(**SOUNDS20**) RN: 319

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

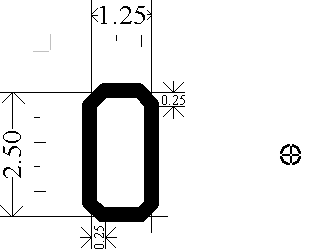
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

413

Symbol Name: SY(**SOUNDS21**) RN: 320

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

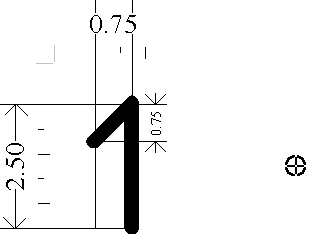
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

414

Symbol Name: SY(**SOUNDS22**) RN: 321

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

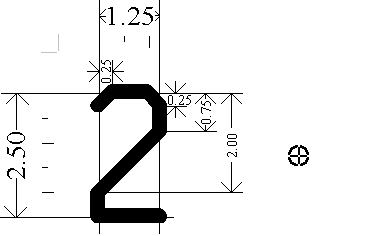
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

415

Symbol Name: SY(**SOUNDS23**) RN: 322

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

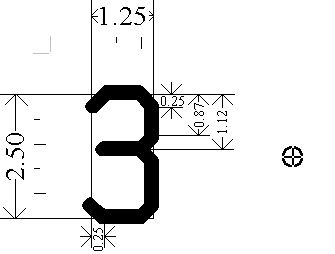
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

416

Symbol Name: SY(**SOUNDS24**) RN: 323

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

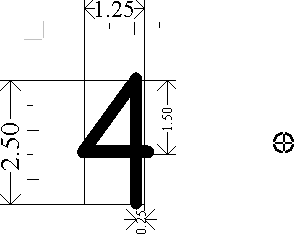
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

417

Symbol Name: SY(**SOUNDS25**) RN: 324

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

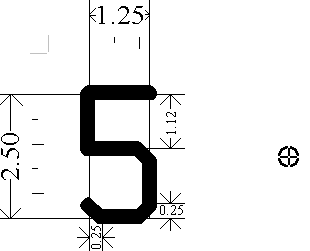
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

418

Symbol Name: SY(**SOUNDS26**) RN: 325

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

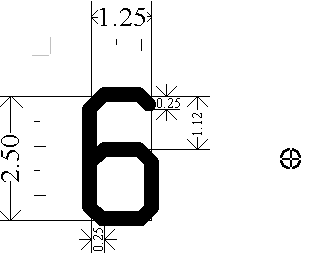
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

419

Symbol Name: SY(**SOUNDS27**) RN: 326

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

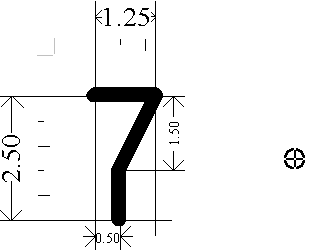
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

420

Symbol Name: SY(**SOUNDS28**) RN: 327

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

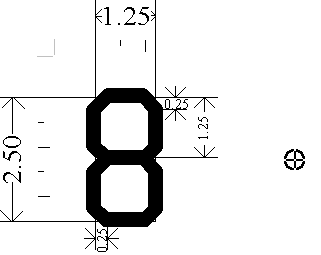
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

421

Symbol Name: SY(**SOUNDS29**) RN: 328

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

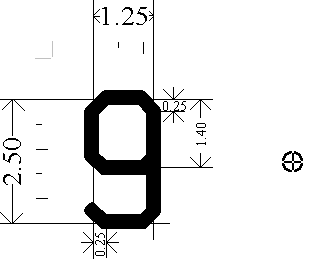
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

422

Symbol Name: SY(**SOUNDS30**) RN: 329

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

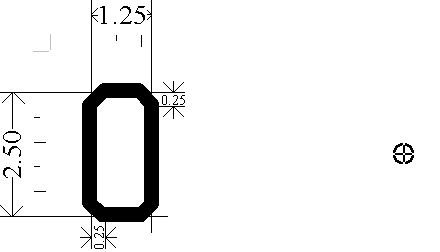
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

423

Symbol Name: SY(**SOUNDS31**) RN: 330

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

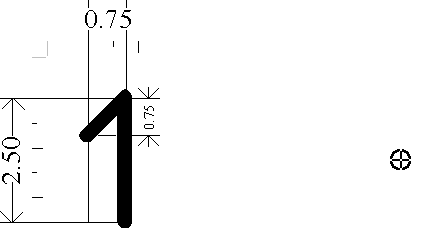
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

424

Symbol Name: SY(**SOUNDS32**) RN: 331

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

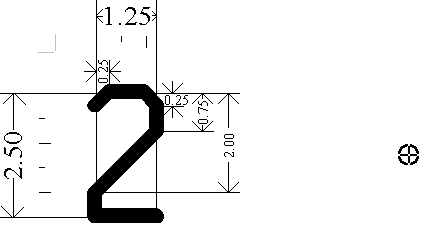
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

425

Symbol Name: SY(**SOUNDS33**) RN: 332

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

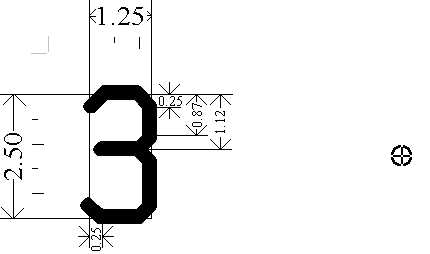
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

426

Symbol Name: SY(**SOUNDS34**) RN: 333

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

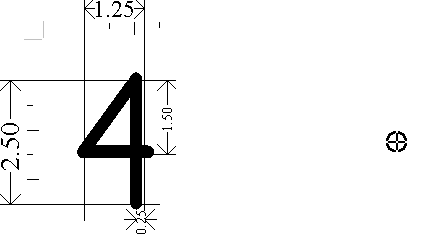
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

427

Symbol Name: SY(**SOUNDS35**) RN: 334

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

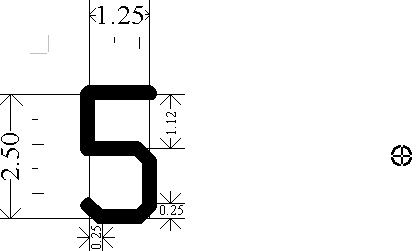
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

428

Symbol Name: SY(**SOUNDS36**) RN: 335

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

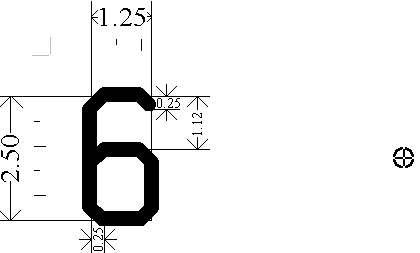
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

429

Symbol Name: SY(**SOUNDS37**) RN: 336

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

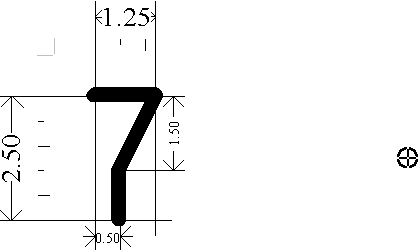
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

430

Symbol Name: SY(**SOUNDS38**) RN: 337

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

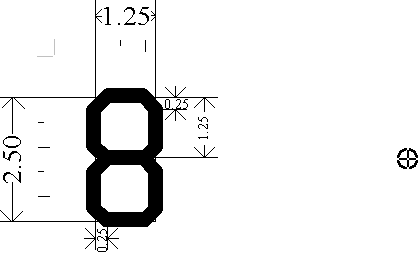
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

431

Symbol Name: SY(**SOUNDS39**) RN: 338

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

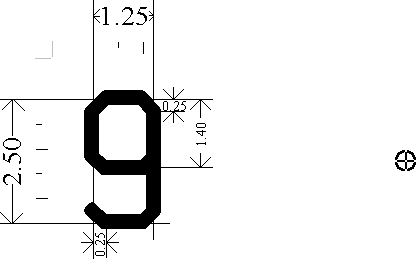
Called by CSP etc.: CSP SNDFRM04 Continuation C

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

432

Symbol Name: SY(**SOUNDS40**) RN: 339

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

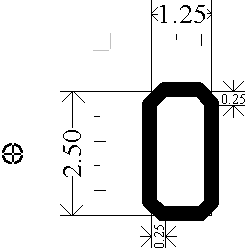
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

433

Symbol Name: SY(**SOUNDS41**) RN: 340

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

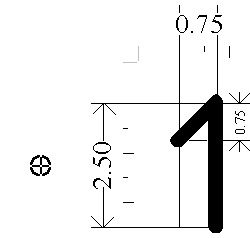
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

434

Symbol Name: SY(**SOUNDS42**) RN: 341

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

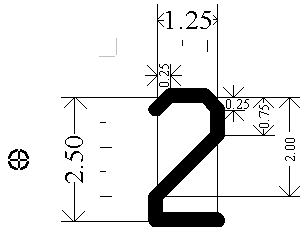
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

435

Symbol Name: SY(**SOUNDS43**) RN: 342

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

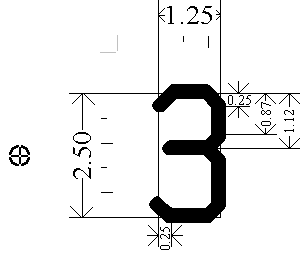
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

436

Symbol Name: SY(**SOUNDS44**) RN: 343

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

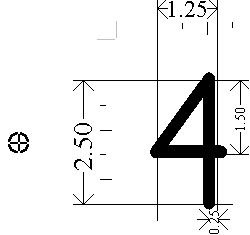
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

437

Symbol Name: SY(**SOUNDS45**) RN: 344

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

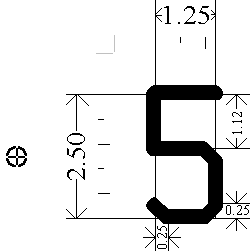
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

438

Symbol Name: SY(**SOUNDS46**) RN: 345

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

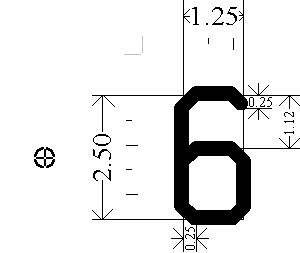
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

439

Symbol Name: SY(**SOUNDS47**) RN: 346

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

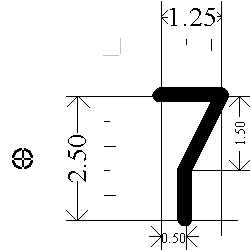
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

440

Symbol Name: SY(**SOUNDS48**) RN: 347

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

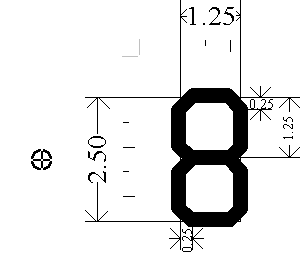
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

441

Symbol Name: SY(**SOUNDS49**) RN: 348

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

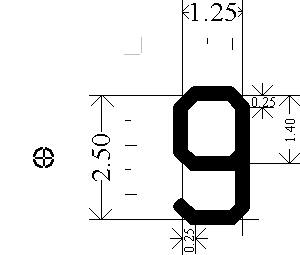
Called by CSP etc.: CSP SNDFRM04 Continuation B

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

442

Symbol Name: SY(**SOUNDS50**) RN: 349

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

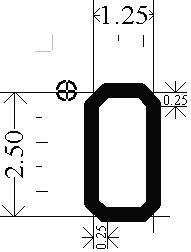
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

443

Symbol Name: SY(**SOUNDS51**) RN: 350

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

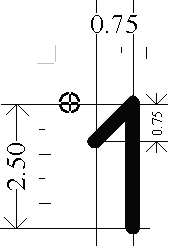
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

444

Symbol Name: SY(**SOUNDS52**) RN: 351

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

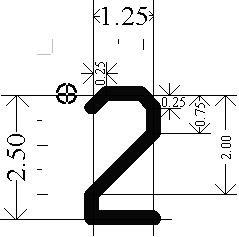
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

445

Symbol Name: SY(**SOUNDS53**) RN: 352

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

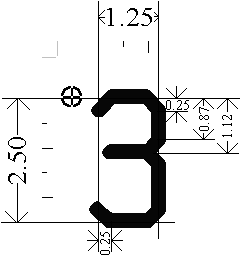
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

446

Symbol Name: SY(**SOUNDS54**) RN: 353

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

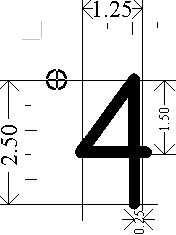
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

447

Symbol Name: SY(**SOUNDS55**) RN: 354

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

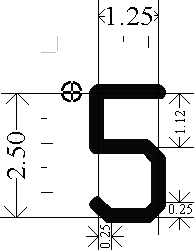
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

448

Symbol Name: SY(**SOUNDS56**) RN: 355

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

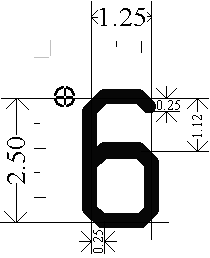
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

449

Symbol Name: SY(**SOUNDS57**) RN: 356

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

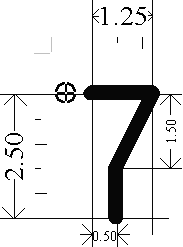
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

450

Symbol Name: SY(**SOUNDS58**) RN: 357

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

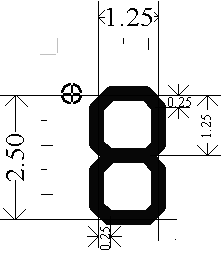
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

451

Symbol Name: SY(**SOUNDS59**) RN: 358

Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

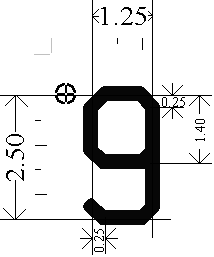
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SOUNDG | I 2, 4, 10-15;  K 17 | (I 10) II10 |
| OBSTRN | I 2, 4;  K 41, 42, 46.2;  L 20, 21.2;  M 43;  Q 42 | (L 21.2) IL21 |
| UWTROC | K 11, 12, 14.1, 14.2, 15;  O 27 | (K 15) IK15 |
| WRECKS | K 21, 22, 26, 27, 30 | (K 30) IK30 |

452

Symbol Name: SY(**SOUNDSA1**) RN: 359

Symbol Explanation: symbol for drying height, used for shallow soundings, less than or equal to safety depth

Look up table affected: N/A

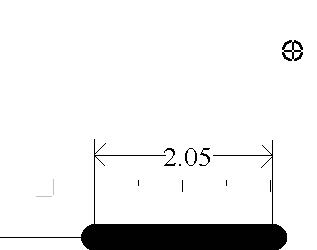
Called by CSP etc.: CSP SNDFRM04 Continuation A

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| UWTROC | K 11 | IK11 |
| WRECKS | K 21, 30 |  |
| SOUNDG | I 15 | II15 |

453

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

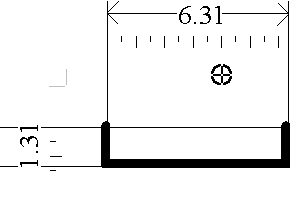
Called by CSP etc.: CSP SNDFRM04

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 SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| as applicable | K 2 |  |
| OBSTRN | K 42 | IK42 |
| WRECKS | K 27 | IK27 |

454

Symbol Name: SY(**SOUNDSC2**) RN: 362

Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

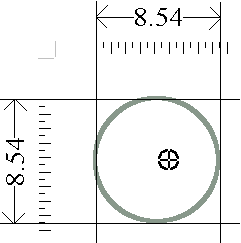
Called by CSP etc.: CSP SNDFRM04

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 SNDG1

Comments: Line weight 0.3 mm; circle diameter 8.54 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| as applicable | B 7, 8;  I 1, 3.1, 3.2 | (I 1) II1 |
| OBSTRN | I 2 | II2 |
| SOUNDG | I 2, 4, 13, 14 | (I 13) II13 |

455

Symbol Name: SY(**SPRING02**) RN: 363

Symbol Explanation: spring

Look up table affected: paper chart point symbols

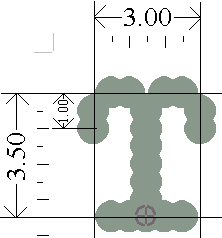
simplified point symbols

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 CHGRD

Comments: Dot diameter 0.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SPRING | J 15 | IJ15 |

456

Symbol Name: SY(**SWPARE51**) RN: 364

Symbol Explanation: swept area

Look up table affected: area symbols with plain boundaries

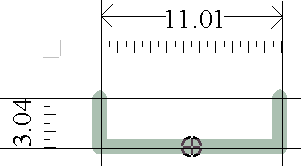
area symbols with symbolized boundaries

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 CHGRF

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SWPARE | I 24 | II24 |

457

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

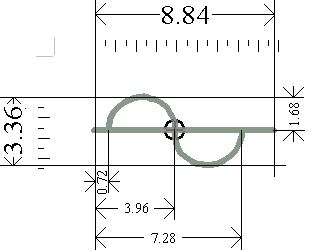
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| T\_HMON | not specified |  |
| T\_NHMN | not specified |  |
| T\_TIMS | not specified |  |

461

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

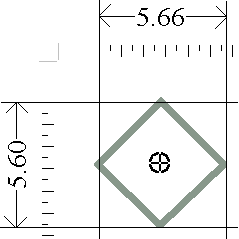
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TS\_PAD | H 31, 46 | (H 46) IH46 |
| TS\_PNH | not specified |  |
| TS\_PRH | not specified |  |
| TS\_TIS | not specified |  |

462

Symbol Name: SY(**TMARDEF1**) RN: 370

Symbol Explanation: topmark for beacons, flag or other shape, paper-chart

Look up table affected: N/A

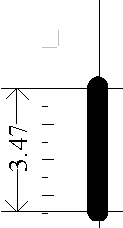
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 10, 82 |  |

463

Symbol Name: SY(**TMARDEF2**) RN: 371

Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

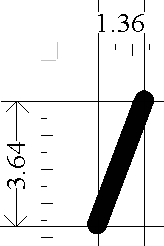
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30 |  |

464

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

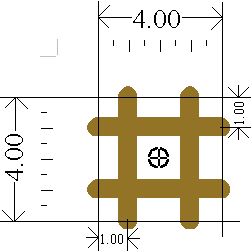
area symbols with symbolized boundaries

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 LANDF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | F 52 | IF52 |

465

Symbol Name: SY(**TNKCON02**) RN: 373

Symbol Explanation: tank

Look up table affected: paper chart point symbols

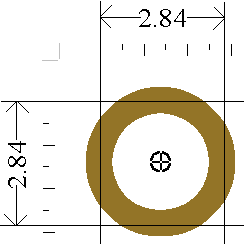
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | Not specified |  |
| PRDARE | Not specified |  |
| SILTNK | E 32 | IE32 |

466

Symbol Name: SY(**TNKCON12**) RN: 374

Symbol Explanation: conspicuous tank

Look up table affected: paper chart point symbols

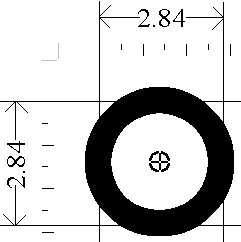
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| BUISGL | Not specified |  |
| PRDARE | Not specified |  |
| SILTNK | E 32 | IE32 |

467

Symbol Name: SY(**TNKFRM01**) RN: 375

Symbol Explanation: tank farm

Look up table affected: area symbols with plain boundaries

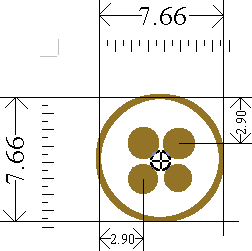
area symbols with symbolized boundaries

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 LANDF

Comments: Circle line weight 0.3 mm; circle diameter 7.66 mm

Point diameter 2.24 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | E 32 | IE32 |

468

Symbol Name: SY(**TNKFRM11**) RN: 376

Symbol Explanation: conspicuous tank farm

Look up table affected: area symbols with plain boundaries

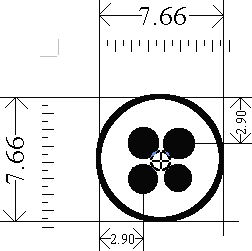
area symbols with symbolized boundaries

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 CHBLK

Comments: Circle line weight 0.6mm; circle diameter 7.66 mm

Point diameter 2.24 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | E 32 | IE32 |

469

Symbol Name: SY(**TOPMAR02**) RN: 377

Symbol Explanation: topmark for buoys, cone point up, paper-chart

Look up table affected: N/A

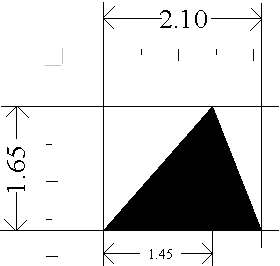
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.1 | (Q 9) IQ9 |

470

Symbol Name: SY(**TOPMAR04**) RN: 378

Symbol Explanation: topmark for buoys, cone point down, paper-chart

Look up table affected: N/A

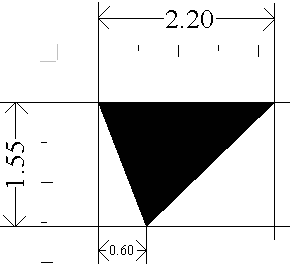
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

471

Symbol Name: SY(**TOPMAR05**) RN: 379

Symbol Explanation: topmark for buoys, 2 cones point upward, paper-chart

Look up table affected: N/A

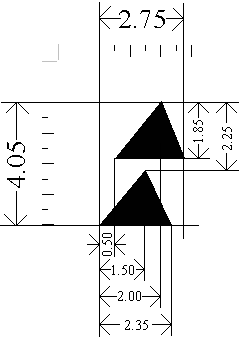
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 130.3 | (Q 9) IQ9 |

472

Symbol Name: SY(**TOPMAR06**) RN: 380

Symbol Explanation: topmark for buoys, 2 cones point downward, paper-chart

Look up table affected: N/A

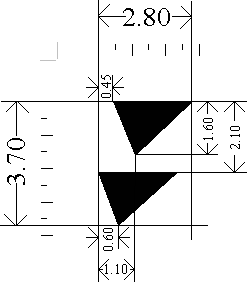
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.3 | (Q 9) IQ9 |

473

Symbol Name: SY(**TOPMAR07**) RN: 381

Symbol Explanation: topmark for buoys, 2 cones base to base, paper-chart

Look up table affected: N/A

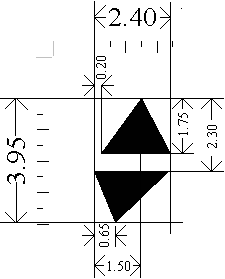
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.3 | (Q 9) IQ9 |

474

Symbol Name: SY(**TOPMAR08**) RN: 382

Symbol Explanation: topmark for buoys, 2 cones point to point, paper-chart

Look up table affected: N/A

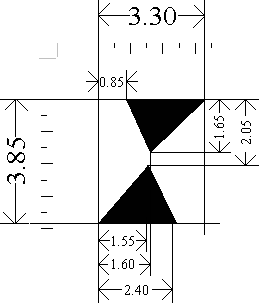
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.3 | (Q 9) IQ9 |

475

Symbol Name: SY(**TOPMAR10**) RN: 383

Symbol Explanation: topmark for buoys, sphere, paper-chart

Look up table affected: N/A

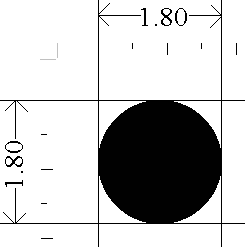
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Point diameter 1.8 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.5 | (Q 9) IQ9 |

476

Symbol Name: SY(**TOPMAR12**) RN: 384

Symbol Explanation: topmark for buoys, 2 spheres, paper-chart

Look up table affected: N/A

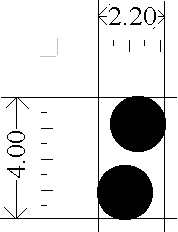
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Point diameter 1.8 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.4 | (Q 9) IQ9 |

477

Symbol Name: SY(**TOPMAR13**) RN: 385

Symbol Explanation: topmark for buoys, cylinder, paper-chart

Look up table affected: N/A

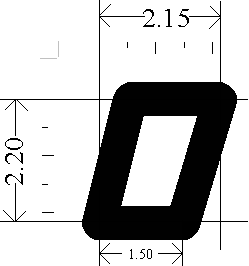
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 11, 30, 130.1 | (Q 9) IQ9 |

478

Symbol Name: SY(**TOPMAR14**) RN: 386

Symbol Explanation: topmark for buoys, board, paper-chart

Look up table affected: N/A

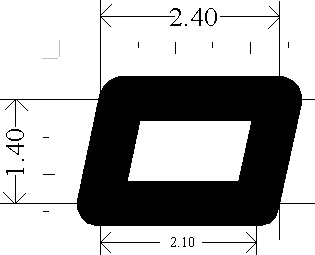
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

479

Symbol Name: SY(**TOPMAR16**) RN: 387

Symbol Explanation: topmark for buoys, cube point up, paper-chart

Look up table affected: N/A

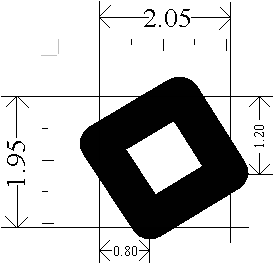
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

480

Symbol Name: SY(**TOPMAR17**) RN: 388

Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

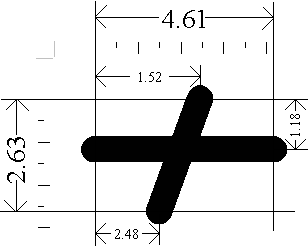
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

481

Symbol Name: SY(**TOPMAR18**) RN: 389

Symbol Explanation: topmark for buoys, T-Shape, paper-chart

Look up table affected: N/A

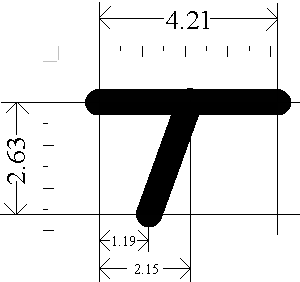
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

482

Symbol Name: SY(**TOPMAR22**) RN: 390

Symbol Explanation: topmark for beacons, cone point up, paper-chart

Look up table affected: N/A

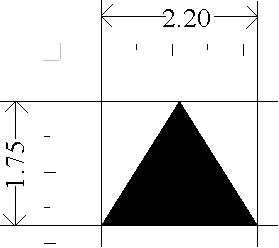
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Pattern N/A

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 10, 82, 110, 130.1 | (Q 2) IQ2 |

483

Symbol Name: SY(**TOPMAR24**) RN: 391

Symbol Explanation: topmark for beacons, cone point down, paper-chart

Look up table affected: N/A

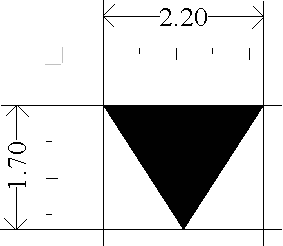
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

484

Symbol Name: SY(**TOPMAR25**) RN: 392

Symbol Explanation: topmark for beacons, 2 cones point upward, paper-chart

Look up table affected: N/A

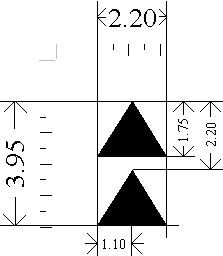
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.3 | (Q 110) IQ110 |

485

Symbol Name: SY(**TOPMAR26**) RN: 393

Symbol Explanation: topmark for beacons, 2 cones point downward, paper-chart

Look up table affected: N/A

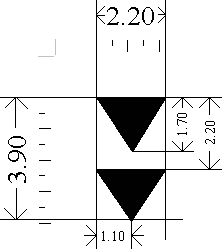
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.3 |  |

486

Symbol Name: SY(**TOPMAR27**) RN: 394

Symbol Explanation: topmark for beacons, 2 cones base to base, paper-chart

Look up table affected: N/A

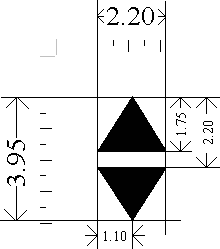
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.3 |  |

487

Symbol Name: SY(**TOPMAR28**) RN: 395

Symbol Explanation: topmark for beacons, 2 cones point to point, paper-chart

Look up table affected: N/A

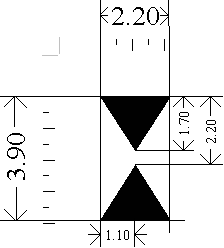
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: N/A

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.3 |  |

488

Symbol Name: SY(**TOPMAR30**) RN: 396

Symbol Explanation: topmark for beacons, sphere, paper-chart

Look up table affected: N/A

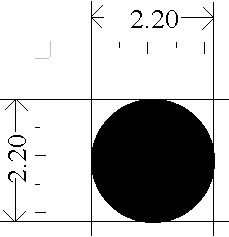
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: point diameter 2.2 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.5 |  |

489

Symbol Name: SY(**TOPMAR32**) RN: 397

Symbol Explanation: topmark for beacons, 2 spheres, paper-chart

Look up table affected: N/A

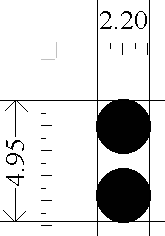
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Point diameter 2.2 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.4 | (Q 110) IQ110 |

490

Symbol Name: SY(**TOPMAR33**) RN: 398

Symbol Explanation: topmark for beacons, cylinder, paper-chart

Look up table affected: N/A

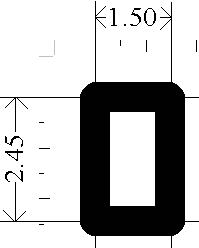
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.1 | (Q 110) IQ110 |

491

Symbol Name: SY(**TOPMAR34**) RN: 399

Symbol Explanation: topmark for beacons, board, paper-chart

Look up table affected: N/A

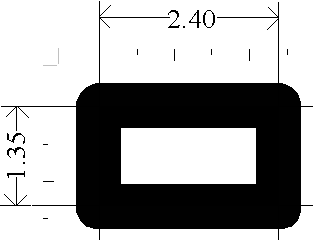
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

492

Symbol Name: SY(**TOPMAR36**) RN: 400

Symbol Explanation: topmark for beacons, cube point up, paper-chart

Look up table affected: N/A

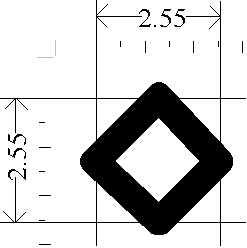
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 123 | (Q 123) IQ123 |

493

Symbol Name: SY(**TOPMAR65**) RN: 401

Symbol Explanation: topmark for buoys, x-shape, paper-chart

Look up table affected: N/A

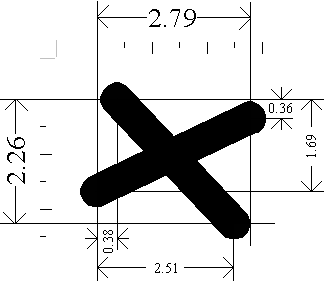
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 9, 10, 50-57, 59, 62, 70, 71, 130.6 | (Q 9) IQ9 |

494

Symbol Name: SY(**TOPMAR85**) RN: 402

Symbol Explanation: topmark for beacons, x-shape, paper-chart

Look up table affected: N/A

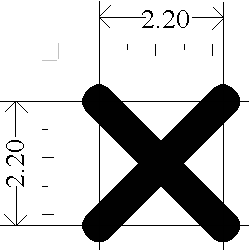
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110, 130.6 |  |

495

Symbol Name: SY(**TOPMAR86**) RN: 403

Symbol Explanation: topmark for beacons, upright cross, paper-chart

Look up table affected: N/A

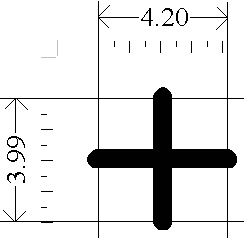
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 110 |  |

496

Symbol Name: SY(**TOPMAR87**) RN: 404

Symbol Explanation: topmark for beacons, besom point down, paper-chart

Look up table affected: N/A

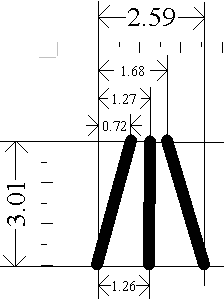
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 91 | (Q 91) IQ91 |

497

Symbol Name: SY(**TOPMAR88**) RN: 405

Symbol Explanation: topmark for beacons, besom point up, paper-chart

Look up table affected: N/A

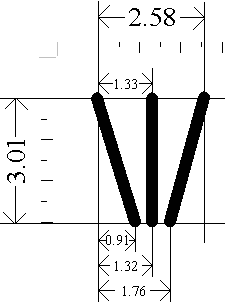
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.33

Pivot Point Row: 8.15

Width of Bounding Box: 2.58

Height of Bounding Box: 3.01



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Q 2-5, 10, 82, 91 | (Q 91) IQ91 |

498

Symbol Name: SY(**TOPMAR89**) RN: 406

Symbol Explanation: topmark for beacons, T-shape, paper-chart

Look up table affected: N/A

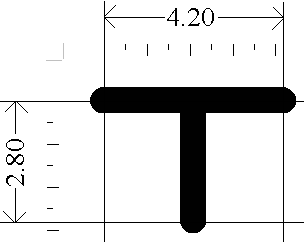
Called by CSP etc.: CSP TOPMAR01

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 CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TOPMAR | Not specified |  |

499

Symbol Name: SY(**TOWERS01**) RN: 407

Symbol Explanation: tower

Look up table affected: paper chart point symbols

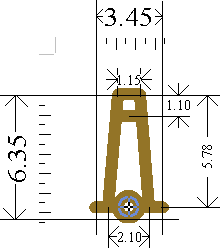
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.14 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 20; G 68 | (E 20)  IE20 |
| SILTNK | Not specified |  |

500

Symbol Name: SY(**TOWERS02**) RN: 408

Symbol Explanation: water tower

Look up table affected: paper chart point symbols

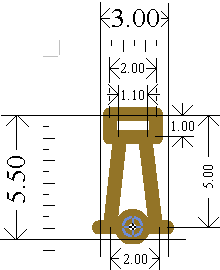
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SILTNK | E 21 | IE21 |

501

Symbol Name: SY(**TOWERS03**) RN: 409

Symbol Explanation: conspicuous tower

Look up table affected: paper chart point symbols

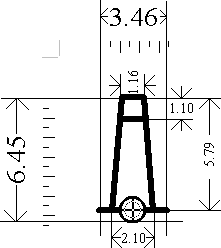
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm; circle diameter 1.12 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 20; G 68 | (E 20)  IE20 |
| SILTNK | Not specified |  |

502

Symbol Name: SY(**TOWERS05**) RN: 410

Symbol Explanation: radio, television tower

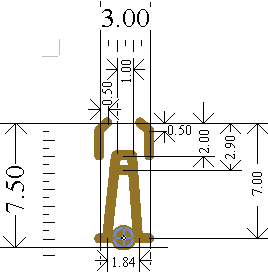
Look up table affected: N/A

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 29 | (E 29)  IE29 |

503

Symbol Name: SY(**TOWERS12**) RN: 411

Symbol Explanation: conspicuous water tower

Look up table affected: paper chart point symbols

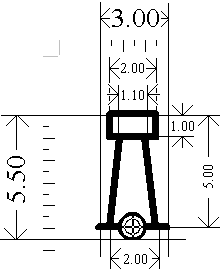
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SILTNK | E 2, 21 | IE21 |

504

Symbol Name: SY(**TOWERS15**) RN: 412

Symbol Explanation: conspicuous radio, television tower

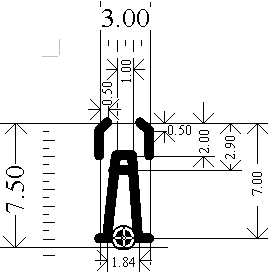
Look up table affected: N/A

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 29 | (E 29)  IE29 |

505

Symbol Name: SY(**TREPNT04**) RN: 413

Symbol Explanation: general symbol for a tree

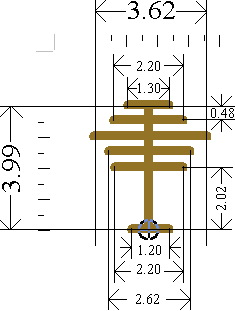
Look up table affected: N/A

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 LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| VEGATN | C 30, 31 | (C 30)  IC30 |

506

Symbol Name: SY(**TREPNT05**) RN: 414

Symbol Explanation: mangrove

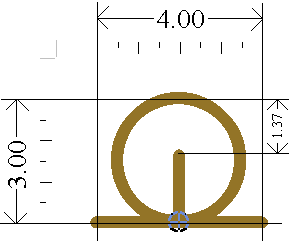
Look up table affected: N/A

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 LANDF

Comments: Line weight 0.3 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| VEGATN | C 32 | IC32 |

507

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

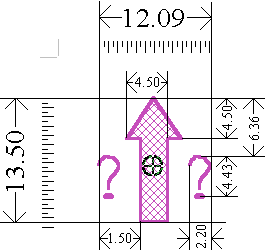
area symbols with symbolized boundaries

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 TRFCD  
CHMGD 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 |  |

508

Symbol Name: SY(**TSSCRS51**) RN: 416

Symbol Explanation: traffic crossing area

Look up table affected: area symbols with plain boundaries

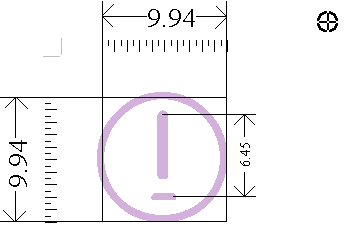
area symbols with symbolized boundaries

Pivot Point Column: 18.01

Pivot Point Row: -6.02

Width of Bounding Box: 9.94

Height of Bounding Box: 9.94



Symbol Colours: TRFCF TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TSSCRS | M 23 |  |

509

Symbol Name: SY(**TSSLPT51**) RN: 417

Symbol Explanation: traffic direction in a one way lane of a traffic separation scheme

Look up table affected: area symbols with plain boundaries

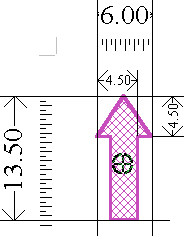
area symbols with symbolized boundaries

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 TRFCD

Comments: Line weight 0.3 mm; transparency 75%.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DWRTPT | M 27.1-2 |  |
| TSSLPT | not specified |  |

510

Symbol Name: SY(**TSSRON51**) RN: 418

Symbol Explanation: traffic roundabout

Look up table affected: area symbols with plain boundaries

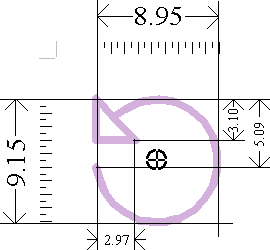
area symbols with symbolized boundaries

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 TRFCF

Comments: Line weight 0.6 mm; circle diameter 8.95

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TSSRON | M 21 |  |

511

Symbol Name: SY(**TWRDEF51**) RN: 419

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

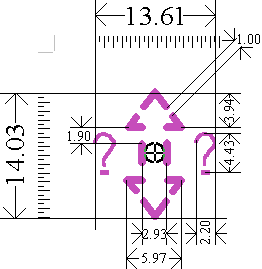
area symbols with symbolized boundaries

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 TRFCD  
CHMGD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TWRTPT | M 28.2 |  |

512

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

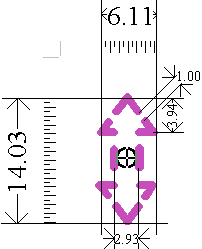
area symbols with symbolized boundaries

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 TRFCD

Comments: Line weight 0.9 mm

Other dimensions like TWRDEF51

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TWRTPT | M 28.2 |  |

513

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

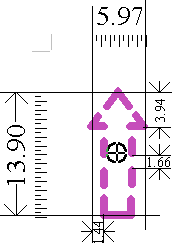
area symbols with symbolized boundaries

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 TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| TWRTPT | M 28.2 |  |

514

Symbol Name: SY(**UWTROC03**) RN: 424

Symbol Explanation: dangerous underwater rock of uncertain depth

Look up table affected: N/A

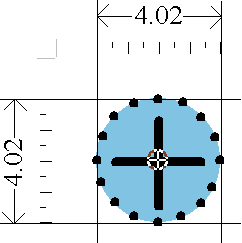
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 DEPVS  
CHBLK 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| UWTROC | K 13, 16 | (K 13) IK13 |

515

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

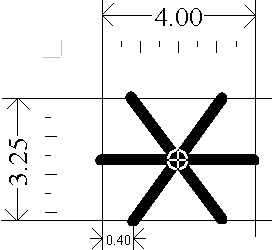
Called by CSP etc.: CSP OBSTRN07 Continuation A

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| UWTROC | K 11, 12, 15 | (K 11)  IK11 |

516

520Symbol 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

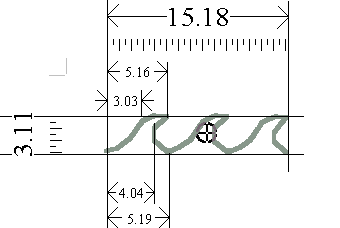
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| WATTUR | H 44, 45; K 17 | (H 44)  IH44  (H 45)  IH45  (K 17)  IK17 |

521

524Symbol 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

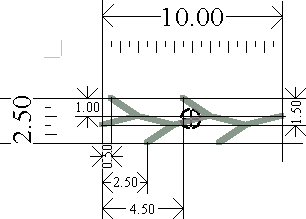
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| WEDKLP | J 13.1, 13.2 | (J 13.2)  IJ13 |

525

Symbol Name: SY(**WIMCON01**) RN: 435

Symbol Explanation: wind motor

Look up table affected: paper chart point symbols

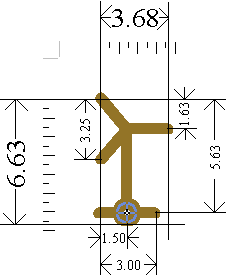
simplified point symbols

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 LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 26 | IE26 |
| PRDARE | Not specified |  |

526

Symbol Name: SY(**WIMCON11**) RN: 436

Symbol Explanation: conspicuous wind motor

Look up table affected: paper chart point symbols

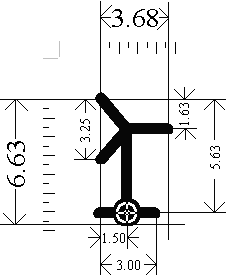
simplified point symbols

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 26 | IE26 |
| PRDARE | Not specified |  |

527

Symbol Name: SY(**WNDFRM51**) RN: 437

Symbol Explanation: wind generator farm

Look up table affected: area symbols with plain boundaries

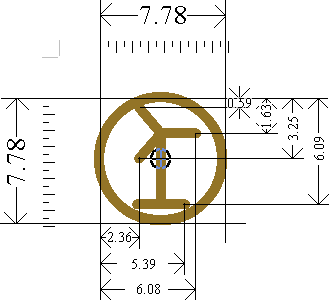
area symbols with symbolized boundaries

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 LANDF

Comments: Line weight 0.3mm.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | Not specified |  |

528

Symbol Name: SY(**WNDFRM61**) RN: 438

Symbol Explanation: conspicuous wind generator farm

Look up table affected: area symbols with plain boundaries

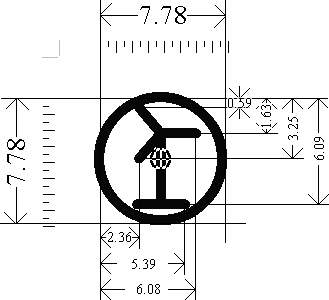
area symbols with symbolized boundaries

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 CHBLK

Comments: Line weight 0.6 mm; circle diameter 7.78 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRDARE | Not specified |  |

529

Symbol Name: SY(**WNDMIL02**) RN: 439

Symbol Explanation: windmill

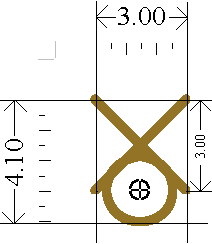
Look up table affected: paper chart point symbols

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 LANDF

Comments: Line weight 0.3 mm; circle diameter 2.2 mm.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 25.1, 25.2 | (E 25.1)  IE25 |

530

Symbol Name: SY(**WNDMIL12**) RN: 440

Symbol Explanation: conspicuous windmill

Look up table affected: paper chart point symbols

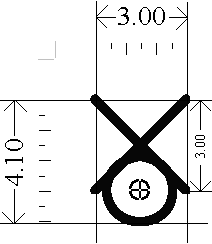
simplified point symbols

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 CHBLK

Comments: Line weight 0.6mm; circle diameter 2.20 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDMRK | E 2, 25.1, 25.2 | (E 25.1)  IE25 |

531

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

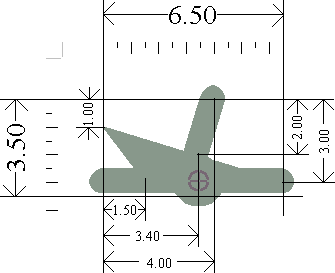
Called by CSP etc.: CSP WRECKS05 Continuation A

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 CHGRD

Comments: Line weight 0.9 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| WRECKS | K 20, 21, 24, 25 | (K 24)  IK24 |

532

Symbol Name: SY(**WRECKS04**) RN: 442

Symbol Explanation: non-dangerous wreck, depth unknown

Look up table affected: N/A

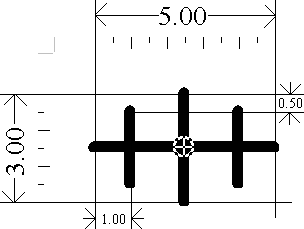
Called by CSP etc.: CSP WRECKS05 Continuation A

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| WRECKS | K 26, 27, 29, 30 | (K 29)  IK29 |

533

Symbol Name: SY(**WRECKS05**) RN: 443

Symbol Explanation: dangerous wreck, depth unknown

Look up table affected: N/A

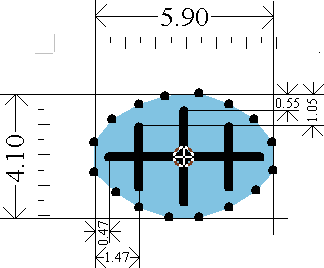
Called by CSP etc.: CSP WRECKS05 Continuation A

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 DEPVS  
CHBLK CHBLK

Comments: Line weight 0.3 mm

Dot diameter 0.3 mm; 16 dots around the ellipse

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| WRECKS | K 22, 23, 26, 27, 28, 30 | (K 28)  IK28 |

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# 2. Complex Linestyles

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561

Symbol Name: LC(**ACHARE51**) RN: 469

Symbol Explanation: boundary of an anchorage area

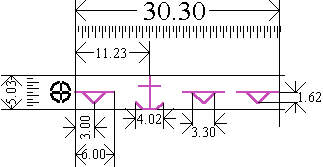
Look up table affected: area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm;   
Anchor symbol dimensions like point symbol SY(ACHARE02)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ACHARE | N 12.1-9; | (N 12.1)  IN12_1 |

562

Symbol Name: LC(**ACHRES51**) RN: 470

Symbol Explanation: boundary of an area where anchoring is prohibited or restricted

Look up table affected: N/A

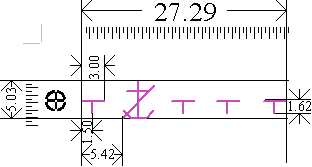
Called by CSP etc.: CSP RESARE04 Continuation B

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 CHMGD

Comments: Line weight 0.3 mm   
Anchor symbol dimensions like point symbol SY(ACHARE51)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 20 | IN20 |

563

Symbol Name: LC(**ADMARE01**) RN: 471

Symbol Explanation: jurisdiction boundary

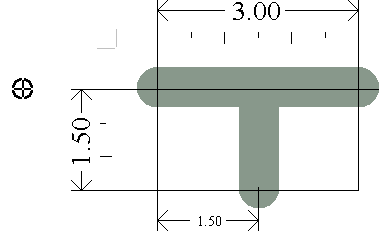
Look up table affected: area symbols with symbolized boundaries  
used in earlier versions of area symbols with symbolized boundaries

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 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

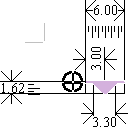
area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E3.1.1 | INT 1 | |
| ARCSLN | M17 | M 17 |

564

Symbol Name: LC(**CBLARE51**) RN: 472

Symbol Explanation: boundary of a submarine cable area

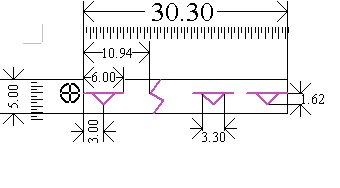
Look up table affected: area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm;   
Cable symbol dimensions like cable symbol in line symbol LC(CBLSUB06)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CBLARE | L 30.2, 31.2; | (L 30.2)  IL30  (L 31.2)  IL31 |

565

Symbol Name: LC(**CBLSUB06**) RN: 473

Symbol Explanation: submarine cable

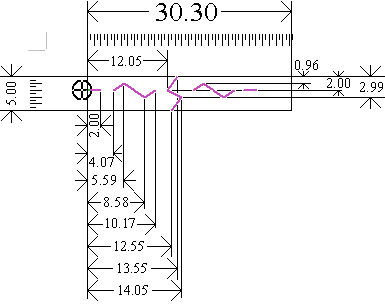
Look up table affected: line symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CBLSUB | L 30.1, 31.1, 32 | (L 30.1)  IL30  (L 31.1)  IL31  (L 32)  IL32 |

566

Symbol Name: LC(**CHCRDEL1**) RN: 474

Symbol Explanation: this line has been deleted by a manual update

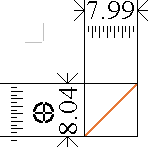
Look up table affected: N/A

Pivot Point Column: -5.43

Pivot Point Row: 3.99

Width of Bounding Box: 7.99

Height of Bounding Box: 8.04



Symbol Colours: CHCOR CHCOR

Comments: Line weight 0.3 mm;   
See PresLib section 8.7.1

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

567

Symbol Name: LC(**CHCRID01**) RN: 475

Symbol Explanation: this line has been manually updated

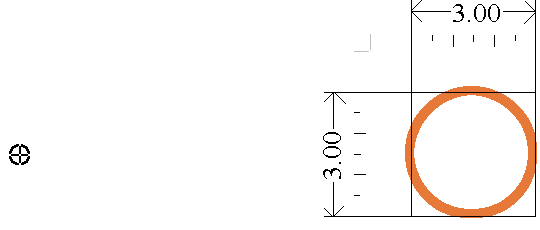
Look up table affected: N/A

Pivot Point Column: -9.41

Pivot Point Row: 1.52

Width of Bounding Box: 3.00

Height of Bounding Box: 3.00



Symbol Colours: CHCOR 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(**CHRVDEL2**) RN: 595

Symbol Explanation: This object has been deleted by an automatic update

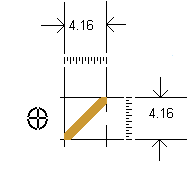
Look up table affected: N/A

Pivot Point Column: -4.90

Pivot Point Row: 2.01

Width of Bounding Box: 6.13

Height of Bounding Box: 4.16



Symbol Colours: CHCOR CHCOR

Comments: Line weight 0.9 mm;   
See PresLib section 10.7.2

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

Symbol Name: LC(**CHRVID02**) RN: 596

Symbol Explanation: This object has been inserted or modified by an automatic update

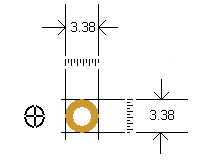
Look up table affected: N/A

Pivot Point Column: -5.11

Pivot Point Row: 1.69

Width of Bounding Box: 6.13

Height of Bounding Box: 3.38



Symbol Colours: CHCOR CHCOR

Comments: Line weight 0.9 mm; circle diameter 3.38 mm;  
See PresLib section 10.7.2

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

568

Symbol Name: LC(**CTNARE51**) RN: 476

Symbol Explanation: boundary of area with a specific caution

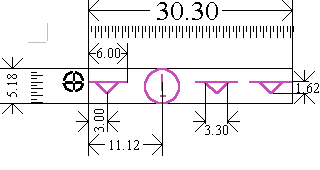
Look up table affected: area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTNARE | N 1.1, 1.2 | (N 1.2) IN1 |
| TSSLPT | not specified |  |

569

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

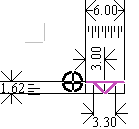
Called by CSP etc.: CSP RESARE04,  
CSP RESARE04 Continuation A, D, E

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| CTSARE | N 64 | IN64 |
| DMPGRD | N 23-24, 62.1-2 | (N 23.1) IN23 |
| ICNARE | N 65 |  |
| MIPARE | N 30, 32, 33 | (N 32)  IN32 |
| OSPARE | L 1, 4 |  |
| PILBOP | T 1.1 - 1.4 |  |
| RESARE | N 2.1, 2.2, 34, 63 |  |
| SPLARE | N 13 |  |
| SUBTLN | N 33 | IN33 |
| TWRTPT | M 28.2 |  |

570

Symbol Name: LC(**DWLDEF01**) RN: 478

Symbol Explanation: deep water route centreline, direction not defined in the data

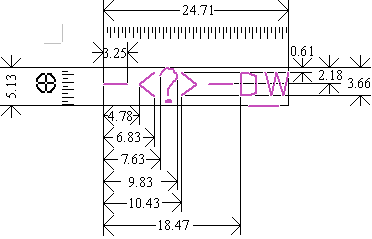
Look up table affected: line symbols

Pivot Point Column: -8.70

Pivot Point Row: 2.18

Width of Bounding Box: 24.71

Height of Bounding Box: 5.13



Symbol Colours: TRFCD TRFCD

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

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DWRTCL | M 27.3 |  |

571

Symbol Name: LC(**DWRTCL05**) RN: 479

Symbol Explanation: two-way deep water route centreline, not based on fixed marks

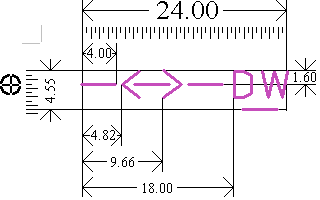
Look up table affected: line symbols

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 TRFCD

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 | |
| DWRTCL | M 27.3 |  |

572

Symbol Name: LC(**DWRTCL06**) RN: 480

Symbol Explanation: two-way deep water route centreline, based on fixed marks

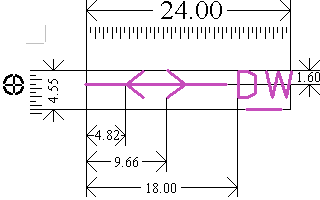
Look up table affected: line symbols

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 TRFCD

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 | |
| DWRTCL | M 27.3 |  |

573

Symbol Name: LC(**DWRTCL07**) RN: 481

Symbol Explanation: one-way deep water route centreline, not based on fixed marks

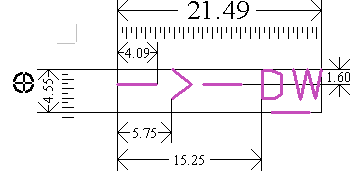
Look up table affected: line symbols

Pivot Point Column: -9.85

Pivot Point Row: 1.60

Width of Bounding Box: 21.49

Height of Bounding Box: 4.55



Symbol Colours: TRFCD TRFCD

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 | |
| DWRTCL | M 27.3 |  |

574

Symbol Name: LC(**DWRTCL08**) RN: 482

Symbol Explanation: one-way deep water route centreline, based on fixed-marks

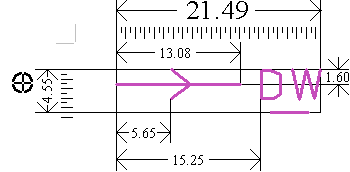
Look up table affected: line symbols

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 TRFCD

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 | |
| DWRTCL | M 27.3 |  |

575

Symbol Name: LC(**DWRUTE51**) RN: 483

Symbol Explanation: boundary of a deep water route

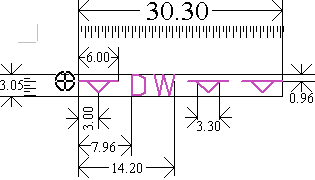
Look up table affected: area symbols with symbolized boundaries

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 TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DWRTPT | M 27.1-2; |  |

576

Symbol Name: LC(**ENTRES51**) RN: 484

Symbol Explanation: boundary of an area where entry is prohibited or restricted

Look up table affected: N/A

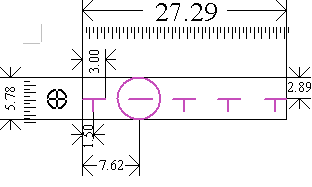
Called by CSP etc.: earlier versions of CSP RESCSP

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 CHMGD

Comments: Line weight 0.3 mm;  
Circle diameter 5.78 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 2.1, 2.2 | (N 2.1) IN2 |

577

Symbol Name: LC(**ESSARE01**) RN: 586

Symbol Explanation: boundary of an ESSA or PSSA

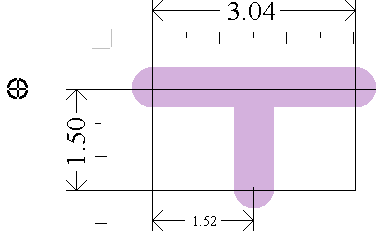
Look up table affected: area symbols with symbolized boundaries

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 CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E3.1.1 | INT 1 | |
| RESARE,  CATREA 27 or 28 | N 22 |  |

578

Symbol Name: LC(**FERYRT01**) RN: 487

Symbol Explanation: ferry route

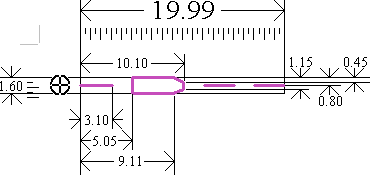
Look up table affected: line symbols

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FERYRT | M 50 | IM50 |

579

Symbol Name: LC(**FERYRT02**) RN: 488

Symbol Explanation: cable ferry route

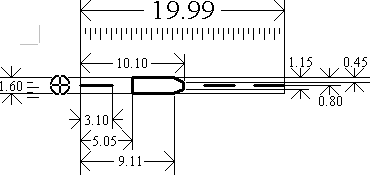
Look up table affected: line symbols

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 CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FERYRT | M 51 | IM51 |

580

Symbol Name: LC(**FSHFAC02**) RN: 489

Symbol Explanation: fishing stakes

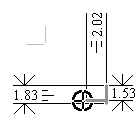
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | K 44.1 | IK44 |

581

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

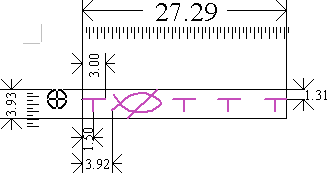
Called by CSP etc.: CSP RESARE04 Continuation C

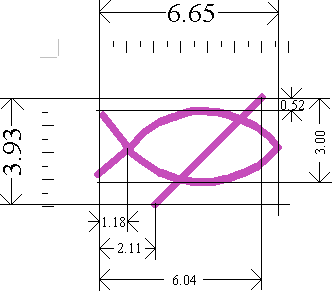
Pivot Point Column: -3.38

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RESARE | N 21 | IN21 |

Symbol Name: LC(**INDHLT02**) RN: 597

Symbol Explanation: indication highlight for mariner's use

Look up table affected: line symbols

Pivot Point Column: 2.63

Pivot Point Row: 5.98

Width of Bounding Box: 1.21

Height of Bounding Box: 1.98



Symbol Colours: CHBLK BKAJ1

CHYLW CHYLW

Comments: Line weight 0.6 mm (CHYLW); with 0.3 mm outline (BKAJ1)  
See PresLib section 10.5.9 and 10.5.10

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

582

Symbol Name: LC(**LOWACC01**) RN: 492

Symbol Explanation: safety contour of low accuracy in position

Look up table affected: N/A

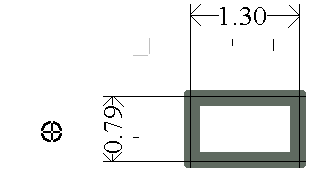
Called by CSP etc.: earlier versions of CSP DEPCNT

Pivot Point Column: -1.71

Pivot Point Row: 0.43

Width of Bounding Box: 1.30

Height of Bounding Box: 0.79



Symbol Colours: DEPSC DEPSC

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

583

Symbol Name: LC(**LOWACC11**) RN: 493

Symbol Explanation: contour of low accuracy in position

Look up table affected: N/A

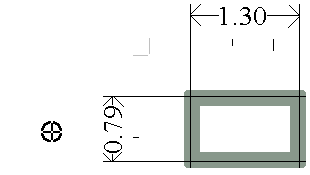
Called by CSP etc.: earlier versions of CSP DEPCNT

Pivot Point Column: -1.71

Pivot Point Row: 0.43

Width of Bounding Box: 1.30

Height of Bounding Box: 0.79



Symbol Colours: DEPCN DEPCN

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

584

Symbol Name: LC(**LOWACC21**) RN: 494

Symbol Explanation: coastline or shoreline construction of low accuracy in position

Look up table affected: N/A

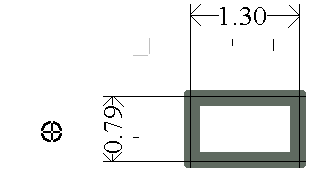
Called by CSP etc.: CSP QUALIN01,  
CSP SLCONS04,  
CSP SLCONS04 Continuation A

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 CSTLN

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SLCONS | F 30,31; O 89 | (F 31) IF31 |
| COALNE | C 2, 32, 33; O 89 | (C 2) IC2 |

585

Symbol Name: LC(**LOWACC31**) RN: 495

Symbol Explanation: area of wrecks or obstructions of low accuracy

Look up table affected: N/A

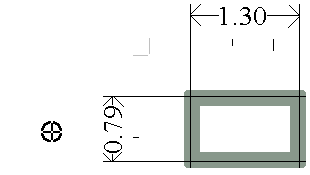
Called by CSP etc.: CSP OBSTRN07 Continuation B

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | Not specified |  |

586

Symbol Name: LC(**LOWACC41**) RN: 496

Symbol Explanation: danger line of low accuracy surrounding a foul area

Look up table affected: N/A

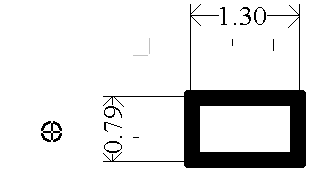
Called by CSP etc.: CSP OBSTRN07 Continuation B,  
CSP WRECKS05 Continuation B

Pivot Point Column: -1.71

Pivot Point Row: 0.43

Width of Bounding Box: 1.30

Height of Bounding Box: 0.79



Symbol Colours: CHBLK CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | I 3.1, 3.2;  O 89 |  |
| WRECKS | I 3.1, 3.2;  O 89 |  |

587

Symbol Name: LC(**MARSYS51**) RN: 497

Symbol Explanation: boundary between IALA-A and IALA-B systems of lateral buoys and beacons

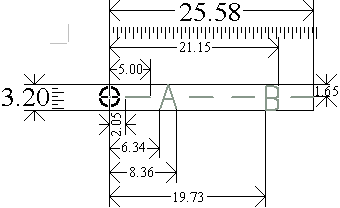
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_NSYS | Q 130.1 |  |

588

Symbol Name: LC(**NAVARE51**) RN: 498

Symbol Explanation: boundary of a navigation feature such as a fairway, magnetic anomaly, etc.

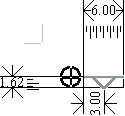
Look up table affected: area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FAIRWY | not specified; |  |
| FERYRT | M 50, 51; |  |
| FSHFAC | K 44.1-2, 45; |  |
| HRBARE | N 49; | IN49 |
| LOCMAG | B 82.1-2; | (B 82.1)  IB82 |
| MARCUL | K 47, 48.1 - 2; |  |
| M\_NSYS | Q 130-130.6; |  |
| OBSTRN | K 1, 31, 40-43, 46.1-2; L 21, 23; Q 42; |  |
| RECTRC | M 1, 3-4, 5.1, 5.2, 6; |  |
| SNDWAV | J 14; |  |
| SWPARE | I 24; | II24 |
| WRECKS | K 20-30; |  |

Symbol Name: LC(**NEWOBJ01**) RN: 588

Symbol Explanation: new object

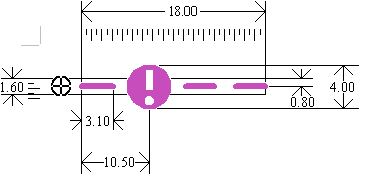
Look up table affected: line symbols

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 CHMGD

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 E3.1.1 | INT 1 | |
| NEWOBJ | N/A |  |

589

Symbol Name: LC(**NONHODAT**) RN: 491

Symbol Explanation: boundary of non-HO data

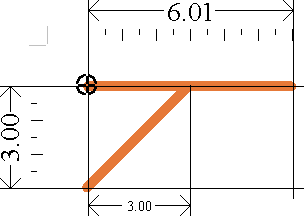
Look up table affected: N/A

Pivot Point Column: -0.01

Pivot Point Row: -0.01

Width of Bounding Box: 6.01

Height of Bounding Box: 3.00



Symbol Colours: NINFO NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

590

Symbol Name: LC(**PIPARE51**) RN: 499

Symbol Explanation: boundary of a submarine pipeline area with potentially dangerous contents

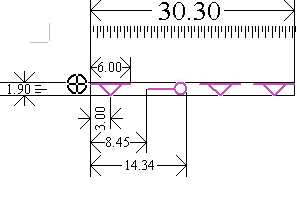
Look up table affected: area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PIPARE | L 40.2, 41.2 | (L 40.2)  IL40 |

591

Symbol Name: LC(**PIPARE61**) RN: 500

Symbol Explanation: boundary of a submarine pipeline area with generally non-dangerous contents

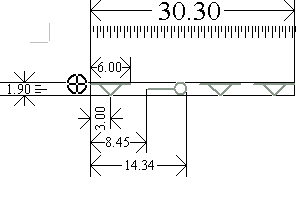
Look up table affected: area symbols with symbolized boundaries

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 CHGRD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PIPARE | L 40.2, 41.2; | (L 41.2)  IL41 |

592

Symbol Name: LC(**PIPSOL05**) RN: 501

Symbol Explanation: oil, gas pipeline, submerged or on land

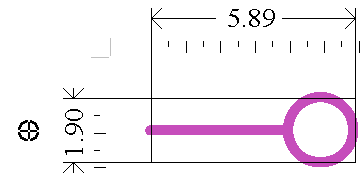
Look up table affected: line symbols

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 CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PIPSOL | D 29; L 42, 44 | (D 29)  ID29  (L 42)  IL42  (L 44)  IL44 |

593

Symbol Name: LC(**PIPSOL06**) RN: 502

Symbol Explanation: water pipeline, sewer, etc.

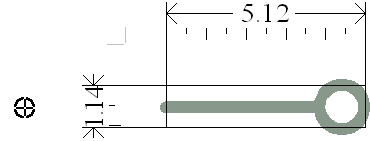
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.6 mm; circle diameter 1.14 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PIPSOL | L 41.1 | IL41 |

594

595Symbol Name: LC(**PRCARE51**) RN: 504

Symbol Explanation: boundary of a precautionary area

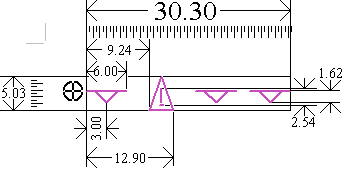
Look up table affected: area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRCARE | M 16, 24; |  |

596

Symbol Name: LC(**QUESMRK1**) RN: 505

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

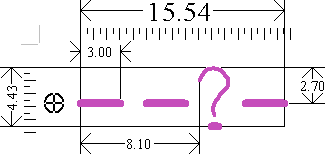
Look up table affected: line symbols  
area symbols with symbolized boundaries

Pivot Point Column: -2.01

Pivot Point Row: 2.70

Width of Bounding Box: 15.54

Height of Bounding Box: 4.43



Symbol Colours: CHMGD CHMGD

Comments: Line weight 0.6 mm;   
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

597

Symbol Name: LC(**RCRDEF11**) RN: 506

Symbol Explanation: regulated recommended route centreline, details not defined

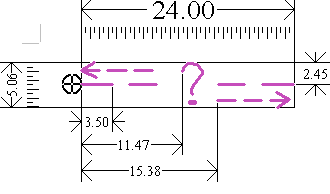
Look up table affected: line symbols

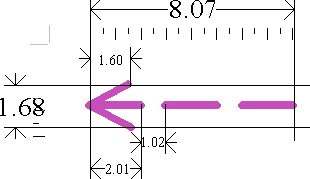
Pivot Point Column: -1.00

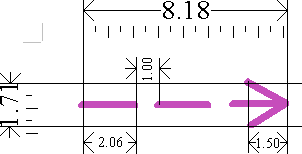
Pivot Point Row: 2.45

Width of Bounding Box: 24.00

Height of Bounding Box: 5.06



  
Left arrow symbol dimensions as fragment of the line style

Right arrow symbol dimensions as fragment of the line style

Symbol Colours: TRFCD TRFCD

Comments: Line weight 0.3 mm  
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCRTCL | M 28.1 |  |

598

Symbol Name: LC(**RCRTCL11**) RN: 507

Symbol Explanation: regulated two-way recommended route centreline, not based on fixed marks

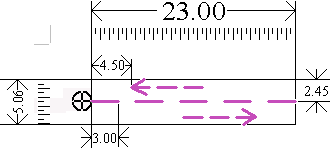
Look up table affected: line symbols

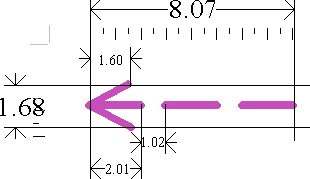
Pivot Point Column: -1.00

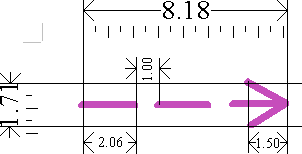
Pivot Point Row: 2.45

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 TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCRTCL | M 28.1 |  |

599

Symbol Name: LC(**RCRTCL12**) RN: 508

Symbol Explanation: regulated one-way recommended route centreline, not based on fixed marks

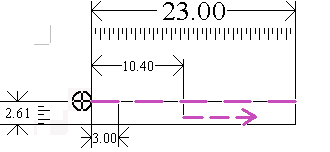
Look up table affected: line symbols

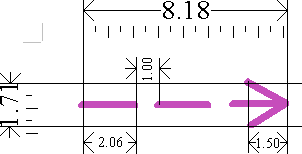
Pivot Point Column: -1.00

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 TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCRTCL | M 28.1 |  |

600

Symbol Name: LC(**RCRTCL13**) RN: 509

Symbol Explanation: regulated two-way recommended route centreline, based on fixed-marks

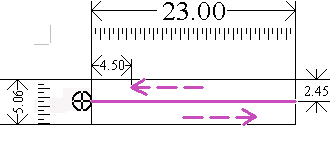
Look up table affected: line symbols

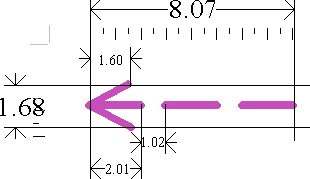
Pivot Point Column: -0.50

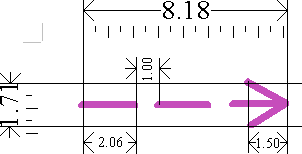
Pivot Point Row: 2.45

Width of Bounding Box: 23.00

Height of Bounding Box: 5.06



  
Left arrow symbol dimensions as fragment of the line style

Right arrow symbol dimensions as fragment of the line style

Symbol Colours: TRFCD TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCRTCL | M 28.1 |  |

601

Symbol Name: LC(**RCRTCL14**) RN: 510

Symbol Explanation: regulated one-way recommended route centreline, based on fixed marks

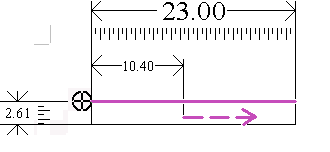
Look up table affected: line symbols

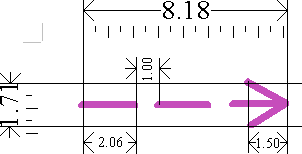
Pivot Point Column: -0.50

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 TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RCRTCL | M 28.1 |  |

602

Symbol Name: LC(**RECDEF02**) RN: 511

Symbol Explanation: non-regulated recommended track, direction not defined in data

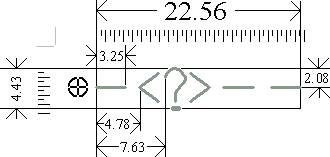
Look up table affected: line symbols

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 | (M 5.2) IM5 |

603

Symbol Name: LC(**RECTRC09**) RN: 512

Symbol Explanation: non-regulated recommended two-way track, not based on fixed marks

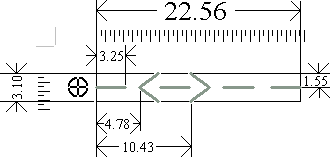
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.3 mm;  
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 | (M 4) IM4 |

604

Symbol Name: LC(**RECTRC10**) RN: 153

Symbol Explanation: non-regulated recommended two-way track, based on fixed-marks

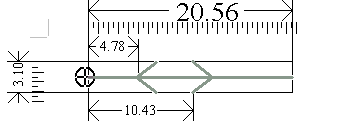
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.3 mm  
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 | (M 3) IM3 |

605

Symbol Name: LC(**RECTRC11**) RN: 514

Symbol Explanation: non-regulated recommended one-way track, not based on fixed marks

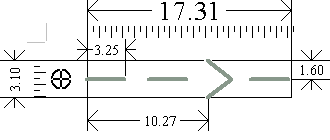
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.3 mm;  
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 | (M 5.1) IM5 |

606

Symbol Name: LC(**RECTRC12**) RN: 515

Symbol Explanation: non-regulated recommended one-way track, based on fixed marks

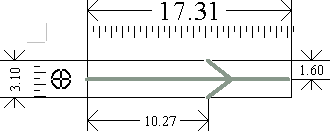
Look up table affected: line symbols

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 CHGRD

Comments: Line weight 0.3 mm;  
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| RECTRC | M 1, 3-6, 32.2; P 20.1, 20.2, 30.2 | (M 5.1) IM5 |

607

Symbol Name: LC(**RESARE51**) RN: 516

Symbol Explanation: boundary of a restricted area

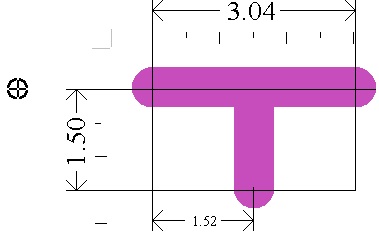
Look up table affected: area symbols with symbolized boundaries

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 CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ISTZNE | M 14, 25.1, 25.2 | (M 14) IM14 |

608

Symbol Name: LC(**SCLBDY51**) RN: 517

Symbol Explanation: chart scale boundary, the double line indicates the larger scale

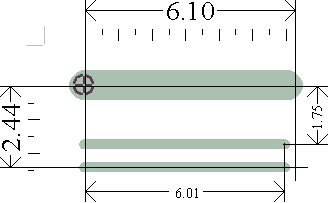
Look up table affected: N/A

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 CHGRF

Comments: Line weights 0.9 and 0.3 mm

Examples on ENC: N/A

References:

|  |  |
| --- | --- |
| S57 | INT 1 |

609

Symbol Name: LC(**TIDINF51**) RN: 518

Symbol Explanation: boundary of an area for which there is tidal information

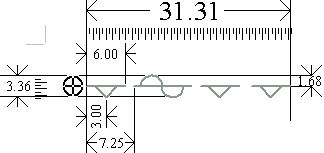
Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98

Pivot Point Row: 0.00

Width of Bounding Box: 31.31

Height of Bounding Box: 0.00



Symbol Colours: CHGRD CHGRD

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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| 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 |  |

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# 3. Area Pattern

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535

Symbol Name: AP(**AIRARE02**) RN: 444

Symbol Explanation: pattern of symbols for an airport area

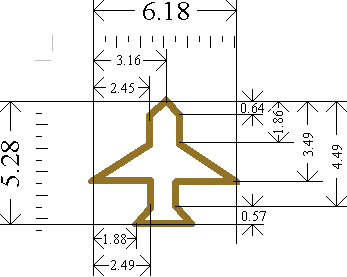
Look up table affected: area symbols with plain boundaries   
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| AIRARE | D 17 | ID17 |

536

Symbol Name: AP(**DIAMOND1**) RN: 445

Symbol Explanation: area of depth less than the safety contour

Look up table affected: N/A

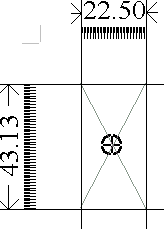
Called by CSP etc.: CSP SEABED01

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 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 |

537

Symbol Name: AP(**DQUALA11**) RN: 446

Symbol Explanation: pattern of symbols for a chart of 5m accuracy with full seafloor coverage

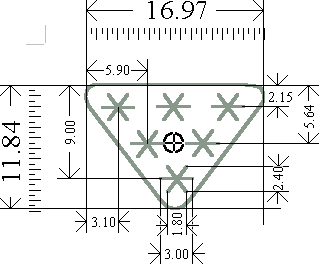
Look up table affected: area symbols with plain boundaries   
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

538

Symbol Name: AP(**DQUALA21**) RN: 447

Symbol Explanation: pattern of symbols for a chart with 20m accuracy with full seafloor coverage

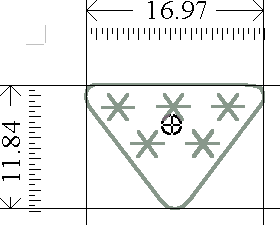
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

539

Symbol Name: AP(**DQUALB01**) RN: 448

Symbol Explanation: pattern of symbols for a chart with 50m accuracy from standard survey based on lines of continuous soundings

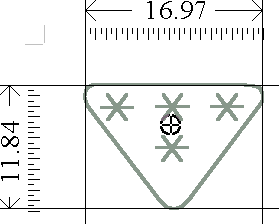
Look up table affected: area symbols with plain boundaries   
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

540

Symbol Name: AP(**DQUALC01**) RN: 449

Symbol Explanation: pattern of symbols for a low accuracy or incomplete chart

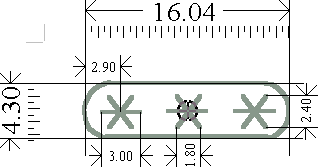
Look up table affected: area symbols with plain boundaries   
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

541

Symbol Name: AP(**DQUALD01**) RN: 450

Symbol Explanation: pattern of symbols for an unreliable chart

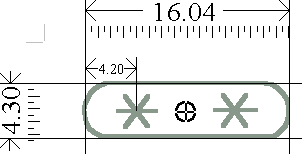
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

542

Symbol Name: AP(**DQUALU01**) RN: 451

Symbol Explanation: pattern of symbols for a chart with quality not assessed

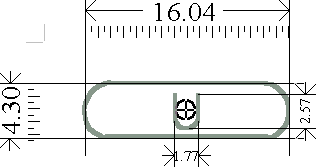
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

Pivot Point Column: 8.03

Pivot Point Row: 2.18

Width of Bounding Box: 16.04

Height of Bounding Box: 4.30



Symbol Colours: CHGRD 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |

543

Symbol Name: AP(**DRGARE01**) RN: 452

Symbol Explanation: dredged area

Look up table affected: N/A

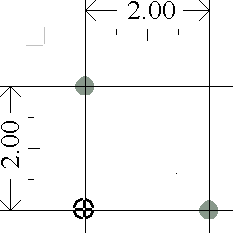
Called by CSP etc.: CSP DEPARE03

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 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 than 0.3 mm.

Examples on ENC: N/A

References:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DRGARE | I 20-23 | (I 21) II21 |

544

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

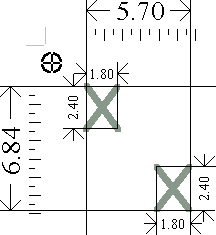
Called by CSP etc.: CSP OBSTRN07 Continuation C

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| OBSTRN | K 1, 40-42, 43.1, 46.1, 46.2 | (K 40)  IK40 |

545

Symbol Name: AP(**FSHFAC03**) RN: 454

Symbol Explanation: pattern of symbols for an area with fishing stakes

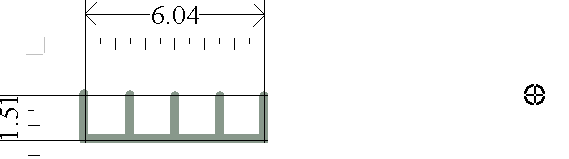
Look up table affected: area symbols with plain boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | K 44.1 | (K 44.1)  IK44 |

546

Symbol Name: AP(**FSHFAC04**) RN: 455

Symbol Explanation: pattern of symbols for an area with fish traps, fish weirs, tunny nets

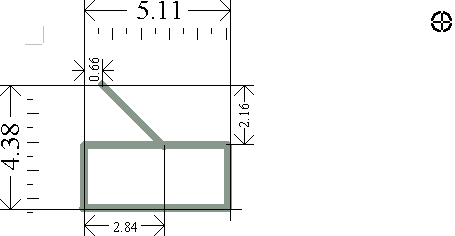
Look up table affected: area symbols with plain boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | K 44.2, 45; | (K 44.2)  IK44  (K 45)  IK45 |

547

Symbol Name: AP(**FSHHAV02**) RN: 456

Symbol Explanation: pattern of symbols for a fish haven

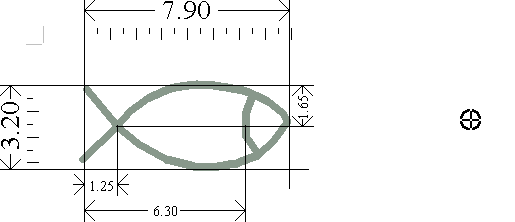
Look up table affected: area symbols with plain boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| FSHFAC | Not specified |  |

548

Symbol Name: AP(**ICEARE04**) RN: 457

Symbol Explanation: continuous pattern for an ice area (glacier, etc.)

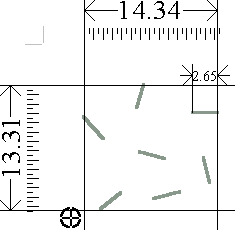
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| ICEARE | C 25; N 60.1, 60.2 | (C 25)  IC25 |

549

Symbol Name: AP(**MARCUL02**) RN: 458

Symbol Explanation: pattern of symbols for a marine farm

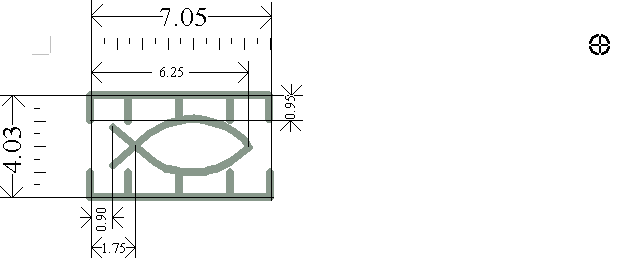
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| MARCUL | K 47, 48.1, 48.2 | (K 47)  IK47  (K 48.1)  IK48  (K 48.2)  IK48 |

550

Symbol Name: AP(**MARSHES1**) RN: 459

Symbol Explanation: pattern of symbols for a marsh

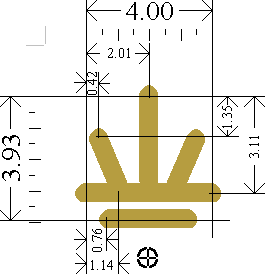
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| LNDRGN | C 33 | IC33 |

551

Symbol Name: AP(**NODATA03**) RN: 460

Symbol Explanation: area of no chart data

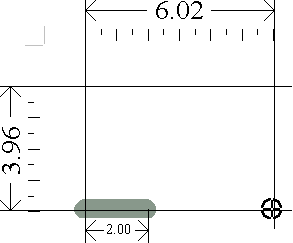
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_QUAL | Not specified |  |
| UNSARE | I 25 | II25 |

552

Symbol Name: AP(**OVERSC01**) RN: 461

Symbol Explanation: over scale part of a display containing data from more than one navigation purpose

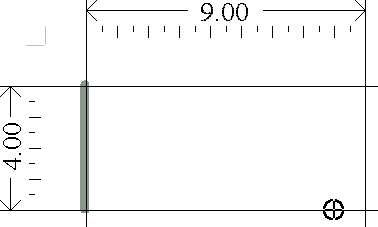
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| M\_CSCL | Not specified |  |

553

Symbol Name: AP(**PRTSUR01**) RN: 462

Symbol Explanation: incompletely surveyed area

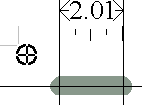
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| DEPARE | Not specified |  |

554

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

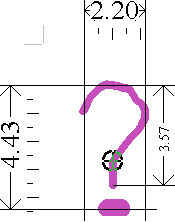
Called by CSP etc.: CSP TOPMAR01

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 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 |

555

Symbol Name: AP(**RCKLDG01**) RN: 464

Symbol Explanation: rock or coral drying ledges

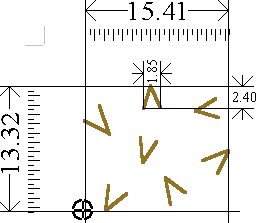
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SBDARE | J 9, 10, 21, 22, 38 | (J 22) IJ22 |

556

Symbol Name: AP(**SNDWAV01**) RN: 465

Symbol Explanation: pattern of symbols for sand waves

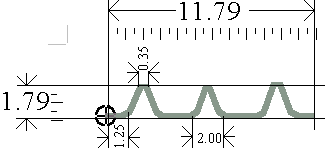
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| SNDWAV | J 14 | IJ14 |

557

Symbol Name: AP(**TSSJCT02**) RN: 466

Symbol Explanation: precautionary area or a traffic separation scheme crossing or roundabout

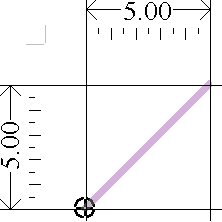
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| PRCARE | M 16, 24 | (M 16)  IM16 |
| TSSCRS | M 23 |  |
| TSSLPT | M 10 |  |
| TSSRON | M 21 |  |

558

Symbol Name: AP(**VEGATN03**) RN: 467

Symbol Explanation: pattern of symbols for wooded areas

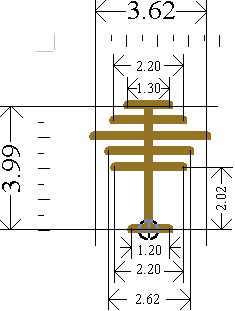
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| VEGATN | C 14, 30, 31.1-31.8; G 37-39 | (C 30)  IC30  (C 31.4)  IC31 |

559

Symbol Name: AP(**VEGATN04**) RN: 468

Symbol Explanation: pattern of symbols for mangroves

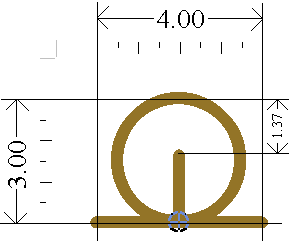
Look up table affected: area symbols with plain boundaries  
area symbols with symbolized boundaries

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 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:

|  |  |  |
| --- | --- | --- |
| S57 | INT 1 | |
| VEGATN | C 32 | IC32 |

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