

S-52 Annex A: IHO ECDIS Presentation Library

**Edition 4.0(.3) – October 2014
(With Clarifications up to December 2020)**

Addendum to Part I: S-52 ENC Symbol Catalogue

Paper based description of symbols for use on ECDIS

IHO



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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 4.0.2

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	1
2.	Complex Linestyles	475
3.	Area Pattern	531

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1. Point Symbols and Centered Area Symbols

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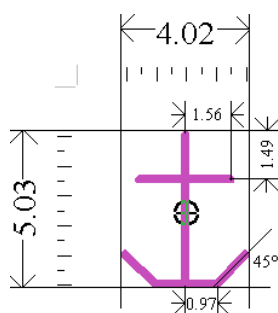
Symbol Name:	SY(ACHARE02)	RN: 1
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Symbol Explanation: anchorage area as a point at small scale, or anchor points of mooring trot at large scale

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

Pivot Point Column: 2.06
Pivot Point Row: 2.63

Width of Bounding Box: 4.02
Height of Bounding Box: 5.03

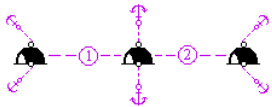


Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

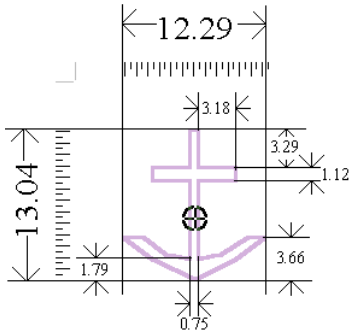
Symbol Name:	SY(ACHARE51)	RN: 2
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Symbol Explanation: anchorage area

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

Pivot Point Column: 6.29
Pivot Point Row: 7.79

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



Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(ACHBRT07)	RN: 3
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Symbol Explanation: designated anchor berth for a single vessel

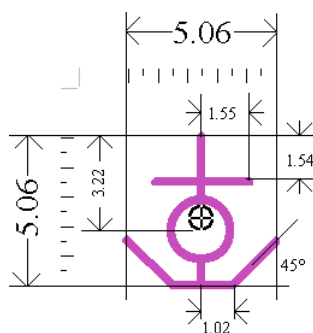
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.54

Pivot Point Row: 2.79

Width of Bounding Box: 5.06

Height of Bounding Box: 5.06



Symbol Colours:



CHMGD

Comments:

Line weight 0.3 mm
Circle diameter 2.02 mm

Examples on ENC:

N/A

References:

S57	INT 1	
ACHBRT	N 11.1, 11.2	(N 11.1)

Symbol Name:	SY(ACHRES51)	RN: 4
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Symbol Explanation: area where anchoring is prohibited or restricted

Look up table affected: N/A

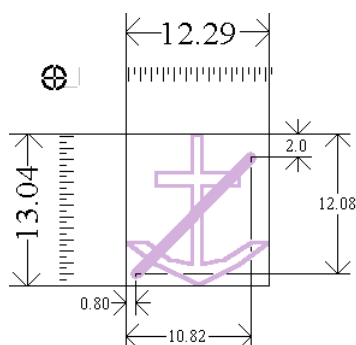
Called by CSP etc.: CSP RESARE04 Continuation B,
CSP RESCSP02 Continuation B

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

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	

Symbol Name:	SY(ACHRES61)	RN: 5
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Symbol Explanation: area where anchoring is prohibited or restricted, with other cautions

Look up table affected: N/A

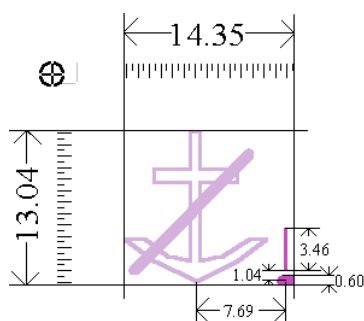
Called by CSP etc.: CSP RESARE04 Continuation B,
CSP RESCSP02 Continuation B

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



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	

Symbol Name:	SY(ACHRES71)	RN: 6
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Symbol Explanation: area where anchoring is prohibited or restricted, with other information

Look up table affected: N/A

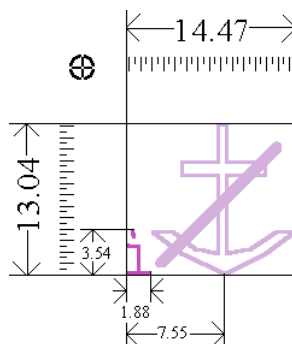
Called by CSP etc.: CSP RESARE04 Continuation B,
CSP RESCSP02 Continuation B

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



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	

Symbol Name:

SY(BCNCAR01)

RN: 16

Symbol Explanation: cardinal beacon, north, simplified

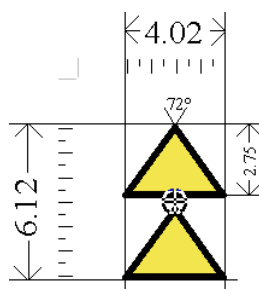
Look up table affected: simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 3.05

Width of Bounding Box: 4.02

Height of Bounding Box: 6.12



Symbol Colours:



OUTLW

CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNCAR	Q 130.3

Symbol Name:	SY(BCNCAR02)	RN: 17
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Symbol Explanation: cardinal beacon, east, simplified

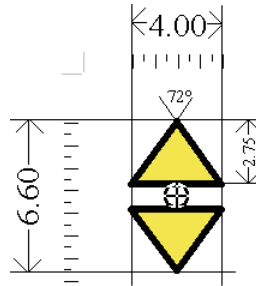
Look up table affected: simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 3.30

Width of Bounding Box: 4.00

Height of Bounding Box: 6.60



Symbol Colours:



Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNCAR	Q 130.3

Symbol Name:	SY(BCNCAR03)	RN: 18
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Symbol Explanation: cardinal beacon, south, simplified

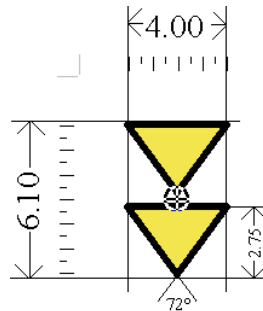
Look up table affected: simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 3.05

Width of Bounding Box: 4.00

Height of Bounding Box: 6.10



Symbol Colours:



OUTLW

CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNCAR	Q 130.3

Symbol Name:	SY(BCNCAR04)	RN: 19
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Symbol Explanation: cardinal beacon, west, simplified

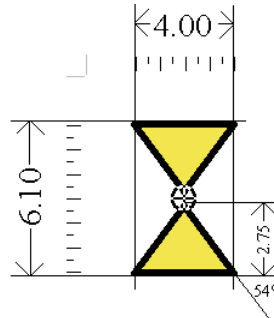
Look up table affected: simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 3.05

Width of Bounding Box: 4.00

Height of Bounding Box: 6.10



Symbol Colours:

	OUTLW
	CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNCAR	Q 130.3

Symbol Name:	SY(BCNDEF13)	RN: 20
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Symbol Explanation: default symbol for a beacon, simplified

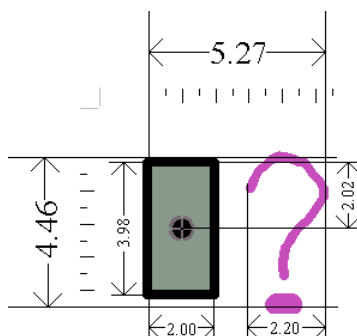
Look up table affected: simplified point symbols

Pivot Point Column: 1.03

Pivot Point Row: 2.18

Width of Bounding Box: 5.27

Height of Bounding Box: 4.46



Symbol Colours:



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	

Symbol Name:	SY(BCNGEN01)	RN: 21
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Symbol Explanation: beacon in general, paper-chart

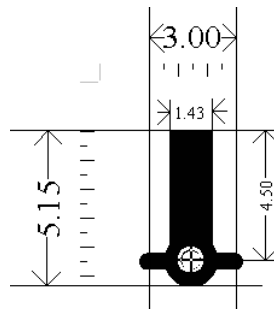
Look up table affected: paper chart point symbols

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

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	

Symbol Name:	SY(BCNGEN03)	RN: 22
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Symbol Explanation: default symbol for beacon, paper-chart

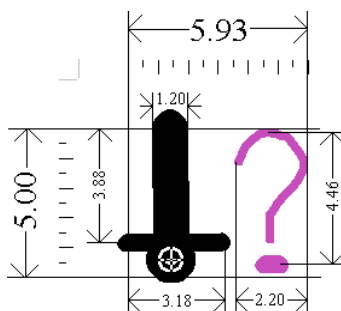
Look up table affected: paper chart point symbols

Pivot Point Column: 1.50

Pivot Point Row: 4.46

Width of Bounding Box: 5.93

Height of Bounding Box: 5.00



Symbol Colours:



CHMGD

CHBLK

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

Examples on ENC: N/A

References:

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	

Symbol Name:	SY(BCNISD21)	RN: 23
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Symbol Explanation: isolated danger beacon, simplified

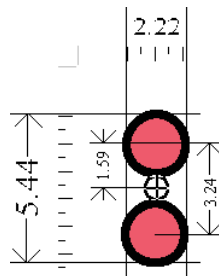
Look up table affected: simplified point symbols

Pivot Point Column: 1.12

Pivot Point Row: 2.69

Width of Bounding Box: 2.22

Height of Bounding Box: 5.44



Symbol Colours:



OUTLW

CHRED

Comments: Circle line weight 0.3 mm; circle diameter 2.2 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNISD	Q 83; 130.4

Symbol Name:	SY(BCNLAT15)	RN: 24
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Symbol Explanation: major lateral beacon, red, simplified

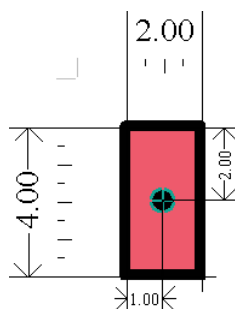
Look up table affected: simplified point symbols

Pivot Point Column: 1.00

Pivot Point Row: 2.00

Width of Bounding Box: 2.00

Height of Bounding Box: 4.00



Symbol Colours:



CHRED



OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNLAT	Q 130.1

Symbol Name:	SY(BCNLAT16)	RN: 25
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Symbol Explanation: major lateral beacon, green, simplified

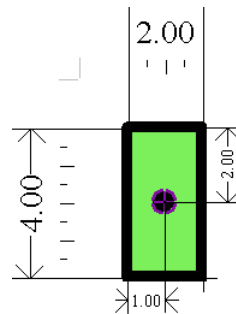
Look up table affected: simplified point symbols

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



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

Symbol Name:	SY(BCNLAT21)	RN: 26
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Symbol Explanation: minor lateral beacon, red, simplified

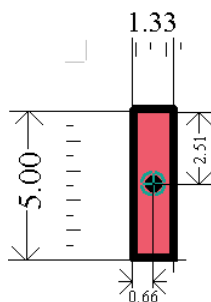
Look up table affected: simplified point symbols

Pivot Point Column: 0.66

Pivot Point Row: 2.51

Width of Bounding Box: 1.33

Height of Bounding Box: 5.00



Symbol Colours:



OUTLW



CHRED

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNLAT	Q 91-92 ;130.1

Symbol Name:	SY(BCNLAT22)	RN: 27
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Symbol Explanation: minor lateral beacon, green, simplified

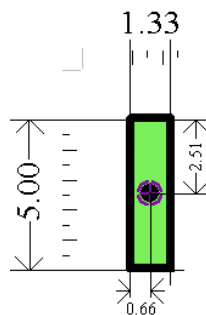
Look up table affected: simplified point symbols

Pivot Point Column: 0.66

Pivot Point Row: 2.51

Width of Bounding Box: 1.33

Height of Bounding Box: 5.00



Symbol Colours:



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

Symbol Name:	SY(BCNLTC01)	RN: 28
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Symbol Explanation: lattice beacon, paper-chart

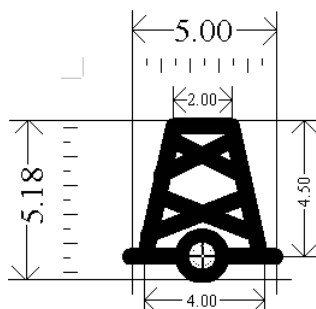
Look up table affected: paper chart point symbols

Pivot Point Column: 2.50

Pivot Point Row: 4.50

Width of Bounding Box: 5.00

Height of Bounding Box: 5.18



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm

Circle diameter 1.36 mm

Examples on ENC:

N/A

References:

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	

Symbol Name:	SY(BCNSAW13)	RN: 29
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Symbol Explanation: major safe water beacon, simplified

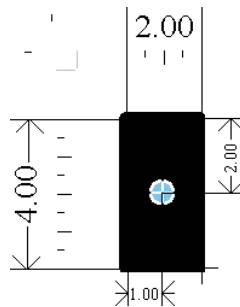
Look up table affected: simplified point symbols

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 (outline)
- OUTLW
- DEPV (fill colour of centred point)

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNSAW	Q 130.5

Symbol Name:	SY(BCNSAW21)	RN: 30
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Symbol Explanation: minor safe water beacon, simplified

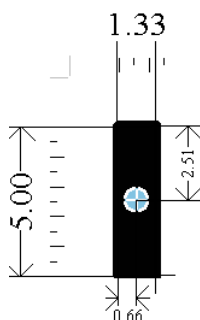
Look up table affected: simplified point symbols

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 (outline)



CHBLK



DEPVS (fill colour of centred point)

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNSAW	Q 130.5

Symbol Name:	SY(BCNSPP13)	RN: 31
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Symbol Explanation: major special purpose beacon, simplified

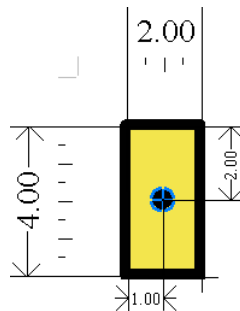
Look up table affected: simplified point symbols

Pivot Point Column: 1.00

Pivot Point Row: 2.00

Width of Bounding Box: 2.00

Height of Bounding Box: 4.00



Symbol Colours:



CHYLW



OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNSPP	Q 130.6

Symbol Name:	SY(BCNSPP21)	RN: 32
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Symbol Explanation: minor special purpose beacon, simplified

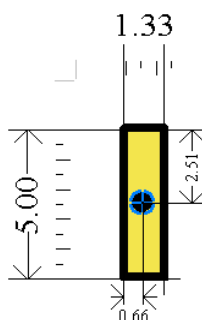
Look up table affected: simplified point symbols

Pivot Point Column: 0.66

Pivot Point Row: 2.51

Width of Bounding Box: 1.33

Height of Bounding Box: 5.00



Symbol Colours:



Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BCNSPP	Q 130.6

Symbol Name:	SY(BCNSTK02)	RN: 33
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Symbol Explanation: minor, stake or pole beacon, paper-chart

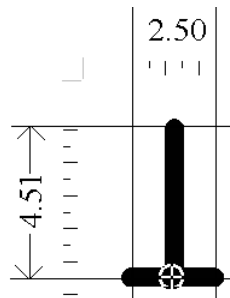
Look up table affected: paper chart point symbols

Pivot Point Column: 1.25

Pivot Point Row: 4.51

Width of Bounding Box: 2.50

Height of Bounding Box: 4.51



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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	

Symbol Name:	SY(BCNTOW01)	RN: 34
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Symbol Explanation: beacon tower, paper-chart

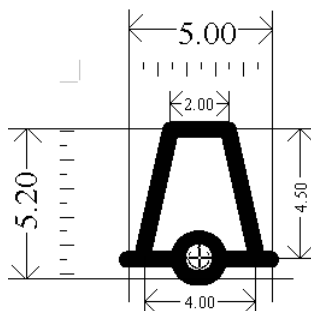
Look up table affected: paper chart point symbols

Pivot Point Column: 2.50

Pivot Point Row: 4.50

Width of Bounding Box: 5.00

Height of Bounding Box: 5.20



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm

Circle diameter 1.40 mm

Examples on ENC:

N/A

References:

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	

Symbol Name:	SY(BLKADJ01)	RN: 523
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Symbol Explanation: symbol to be used for checking and adjusting the brightness and contrast controls

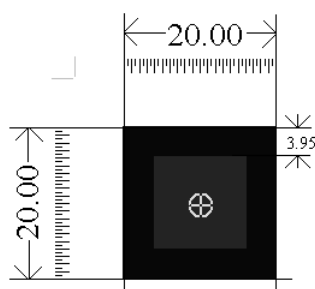
Look up table affected: N/A

Pivot Point Column: 10.33

Pivot Point Row: 10.43

Width of Bounding Box: 20.00

Height of Bounding Box: 20.00



Symbol Colours :



BKAJ1



BKAJ2

Comments: See PresLib section 8.5.8

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(BOYBAR01)	RN: 35
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Symbol Explanation: barrel buoy, paper-chart

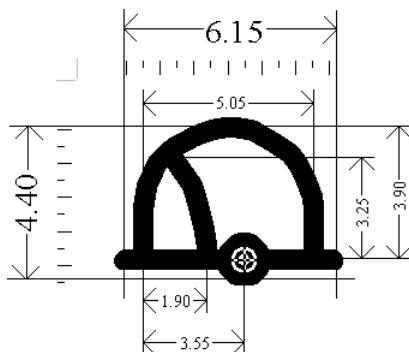
Look up table affected: paper chart point symbols

Pivot Point Column: 3.55

Pivot Point Row: 3.90

Width of Bounding Box: 6.15

Height of Bounding Box: 4.40



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYSPP	Q 25; 130.6	(Q 25) 

Symbol Name:	SY(BOYCAN01)	RN: 36
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Symbol Explanation: can buoy, paper-chart

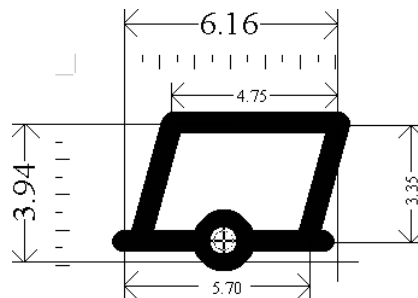
Look up table affected: paper chart point symbols

Pivot Point Column: 2.88

Pivot Point Row: 3.35

Width of Bounding Box: 6.16

Height of Bounding Box: 3.94



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(BOYCAR01)	RN: 37
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Symbol Explanation: cardinal buoy, north, simplified

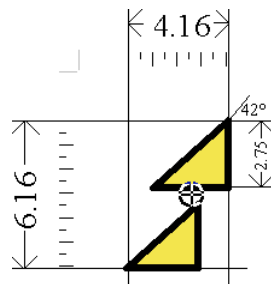
Look up table affected: simplified point symbols

Pivot Point Column: 2.66

Pivot Point Row: 3.13

Width of Bounding Box: 4.16

Height of Bounding Box: 6.16



Symbol Colours:



CHYLW

OUTLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYCAR	Q 130.3

Symbol Name:	SY(BOYCAR02)	RN: 38
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Symbol Explanation: cardinal buoy, east, simplified

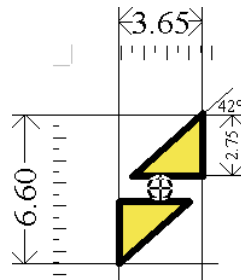
Look up table affected: simplified point symbols

Pivot Point Column: 1.80

Pivot Point Row: 3.30

Width of Bounding Box: 3.65

Height of Bounding Box: 6.60



Symbol Colours:



OUTLW

CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYCAR	Q 130.3

Symbol Name:	SY(BOYCAR03)	RN: 39
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Symbol Explanation: cardinal buoy, south, simplified

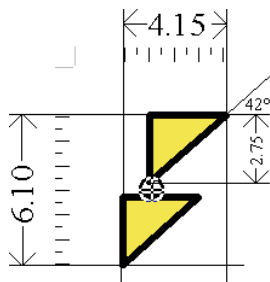
Look up table affected: simplified point symbols

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

CHYLW

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYCAR	Q 130.3

Symbol Name:	SY(BOYCAR04)	RN: 40
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Symbol Explanation: cardinal buoy, west, simplified

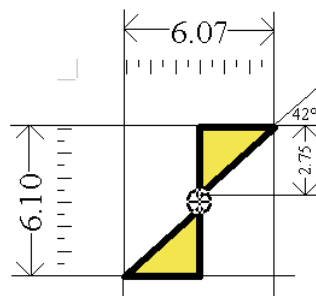
Look up table affected: simplified point symbols

Pivot Point Column: 3.05

Pivot Point Row: 3.05

Width of Bounding Box: 6.07

Height of Bounding Box: 6.10



Symbol Colours:



Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYCAR	Q 130.3

Symbol Name:	SY(BOYCON01)	RN: 41
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Symbol Explanation: conical buoy, paper-chart

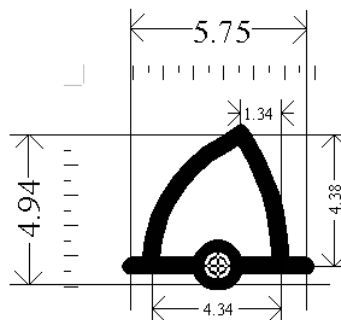
Look up table affected: paper chart point symbols

Pivot Point Column: 2.88

Pivot Point Row: 4.38

Width of Bounding Box: 5.75

Height of Bounding Box: 4.94



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm

Circle diameter 1.12 mm

Examples on ENC:

N/A

References:

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)

Symbol Name:	SY(BOYDEF03)	RN: 42
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Symbol Explanation: default symbol for buoy, simplified

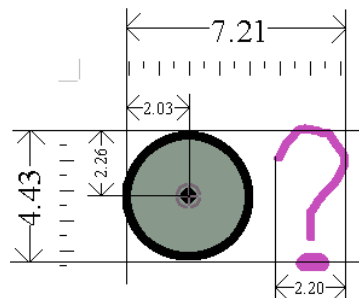
Look up table affected: simplified point symbols

Pivot Point Column: 2.03

Pivot Point Row: 2.26

Width of Bounding Box: 7.21

Height of Bounding Box: 4.43



Symbol Colours:



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	

Symbol Name:	SY(BOYGEN03)	RN: 43
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Symbol Explanation: default symbol for buoy, paper-chart

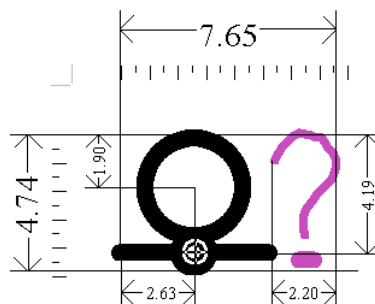
Look up table affected: paper chart point symbols

Pivot Point Column: 2.66

Pivot Point Row: 4.21

Width of Bounding Box: 7.65

Height of Bounding Box: 4.74



Symbol Colours:



CHMGD

CHBLK

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

Examples on ENC: N/A

References:

S57	INT 1	
BOYCAR	Q 130.3	
BOYISD	Q 130.4	Body: black with red horizontal band(s) Topmark: 2 black spheres
BOYLAT	Q 130.1	
BOYSAW	Q 130.5	Body: red and white vertical stripes Topmark (if any): red sphere
BOYSPP	Q 130.6	Body (shape optional): yellow Topmark (if any): yellow X In special cases yellow can be in conjunction with another colour

Symbol Name:	SY(BOYINB01)	RN: 44
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Symbol Explanation: installation buoy, paper-chart

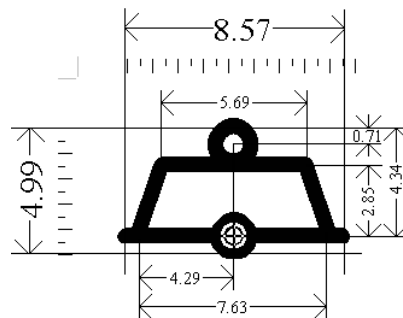
Look up table affected: paper chart point symbols

Pivot Point Column: 4.29

Pivot Point Row: 4.34

Width of Bounding Box: 8.57

Height of Bounding Box: 4.99



Symbol Colours:



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	

Symbol Name:	SY(BOYISD12)	RN: 45
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Symbol Explanation: isolated danger buoy, simplified

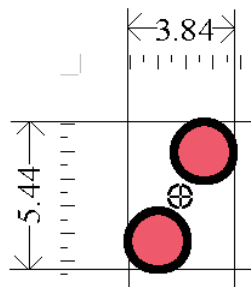
Look up table affected: simplified point symbols

Pivot Point Column: 1.88

Pivot Point Row: 2.71

Width of Bounding Box: 3.84

Height of Bounding Box: 5.44



Symbol Colours:

OUTLW

CHRED

Comments: Line weight 0.3 mm
Circle diameter 2.2 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYISD	Q 130.4	Body : black with red horizontal band(s) Topmark : 2 black spheres Diagram showing the isolated danger buoy symbol with topmark. The symbol consists of a black body with a red horizontal band, and two black spheres (topmark) above it. The symbol is labeled with 'Q 130.4' and 'white light'.

Symbol Name:	SY(BOYLAT13)	RN: 46
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Symbol Explanation: conical lateral buoy, green, simplified

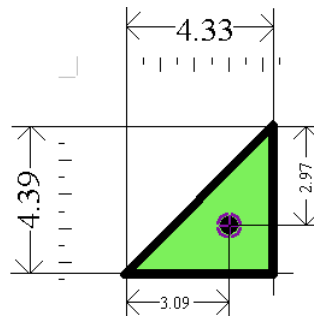
Look up table affected: simplified point symbols

Pivot Point Column: 3.09

Pivot Point Row: 2.97

Width of Bounding Box: 4.33

Height of Bounding Box: 4.39



Symbol Colours:



CHGRN



OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYLAT	Q 130.1

Symbol Name:	SY(BOYLAT14)	RN: 47
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Symbol Explanation: conical lateral buoy, red, simplified

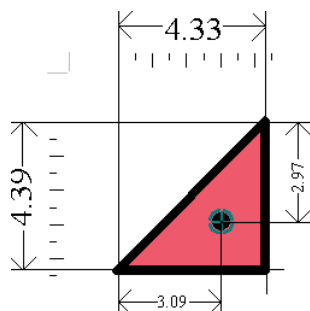
Look up table affected: simplified point symbols

Pivot Point Column: 3.09

Pivot Point Row: 2.97

Width of Bounding Box: 4.33

Height of Bounding Box: 4.39



Symbol Colours:



CHRED



OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYLAT	Q 130.1

Symbol Name:	SY(BOYLAT23)	RN: 48
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Symbol Explanation: can shape lateral buoy, green, simplified

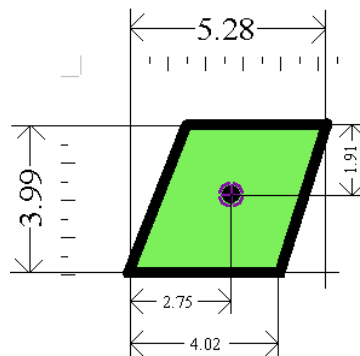
Look up table affected: simplified point symbols

Pivot Point Column: 2.75

Pivot Point Row: 1.91

Width of Bounding Box: 5.28

Height of Bounding Box: 3.99



Symbol Colours:



Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYLAT	Q 130.1

Symbol Name:	SY(BOYLAT24)	RN: 49
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Symbol Explanation: can shape lateral buoy, red, simplified

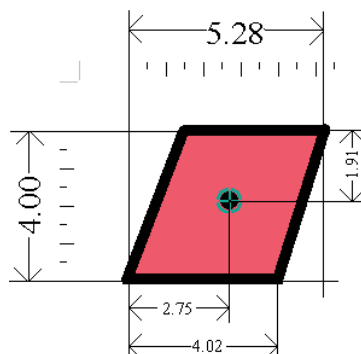
Look up table affected: simplified point symbols

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



OUTLW

Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
BOYLAT	Q 130.1

Symbol Name:	SY(BOYMOR01)	RN: 50
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Symbol Explanation: mooring buoy, barrel shape, paper-chart

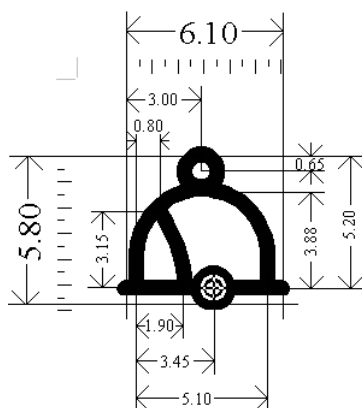
Look up table affected: paper chart point symbols

Pivot Point Column: 3.45

Pivot Point Row: 5.20

Width of Bounding Box: 6.10

Height of Bounding Box: 5.80



Symbol Colours:



CHBLK

Comments:

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

Examples on ENC:

N/A

References:

S57	INT 1	
MORFAC	Q 40-43	Q 40
		 

Symbol Name:	SY(BOYMOR03)	RN: 51
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Symbol Explanation: mooring buoy, can shape, paper-chart

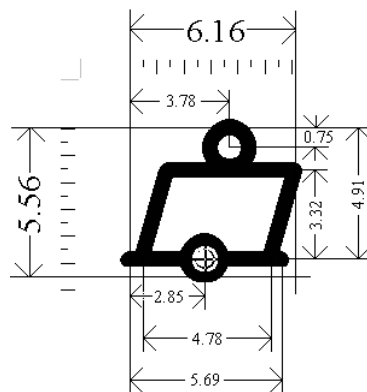
Look up table affected: paper chart point symbols

Pivot Point Column: 2.85

Pivot Point Row: 4.91

Width of Bounding Box: 6.16

Height of Bounding Box: 5.56



Symbol Colours:



CHBLK

Comments:

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

Examples on ENC:

N/A

References:

S57	INT 1	
MORFAC	Q 40-43	Q 40  

Symbol Name:	SY(BOYMOR11)	RN: 52
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Symbol Explanation: installation buoy and mooring buoy, simplified

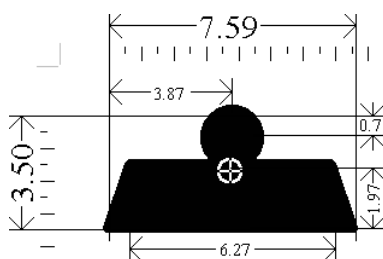
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.80

Pivot Point Row: 1.75

Width of Bounding Box: 7.59

Height of Bounding Box: 3.50



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm
Point diameter 2.02 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYINB	L 16	
MORFAC	Q 40-43	

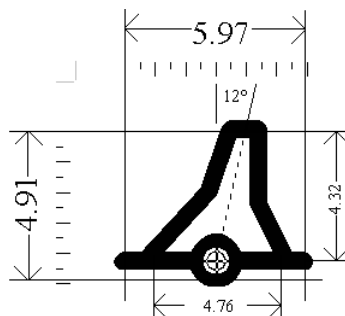
Symbol Name:	SY(BOYPIL01)	RN: 53
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Symbol Explanation: pillar buoy, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 3.07
Pivot Point Row: 4.32

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



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC:

N/A

References:

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

Symbol Name:	SY(BOYSAW12)	RN: 54
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Symbol Explanation: safe water buoy, simplified

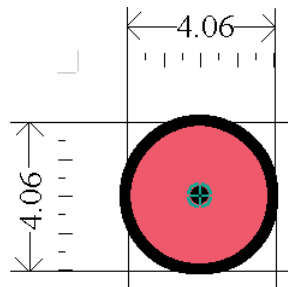
Look up table affected: simplified point symbols

Pivot Point Column: 2.03

Pivot Point Row: 2.03

Width of Bounding Box: 4.06

Height of Bounding Box: 4.06



Symbol Colours:



CHRED

OUTLW

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

Examples on ENC: N/A

References:

S57	INT 1	
BOYSAW	Q 130.5	

Symbol Name:	SY(BOYSPH01)	RN: 55
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Symbol Explanation: spherical buoy, paper-chart

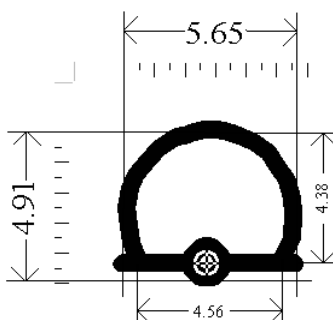
Look up table affected: paper chart point symbols

Pivot Point Column: 2.78

Pivot Point Row: 4.38

Width of Bounding Box: 5.65

Height of Bounding Box: 4.91



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm

Circle diameter 1.06 mm

Examples on ENC:

N/A

References:

S57	INT 1	
BOYxxx	Q 22	
BOYSAW	Q 130.5	
BOYSPP	Q 130.6	

Symbol Name:	SY(BOYSPP11)	RN: 56
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Symbol Explanation: special purpose buoy, spherical or barrel shaped, or default symbol for special purpose buoy, simplified

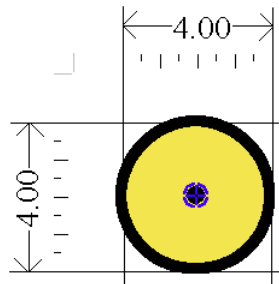
Look up table affected: simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours:



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 Body (shape optional) : yellow Top(mark (if any) : yellow X FLY yellow light In special cases yellow can be in conjunction with another colour

Symbol Name:	SY(BOYSPP15)	RN: 57
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Symbol Explanation: special purpose TSS buoy marking the starboard side of the traffic lane, simplified

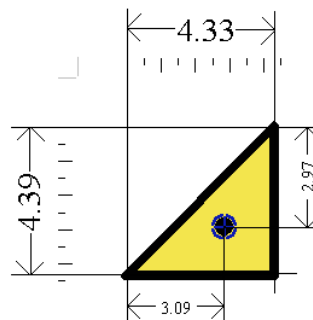
Look up table affected: simplified point symbols

Pivot Point Column: 2.89

Pivot Point Row: 2.99

Width of Bounding Box: 4.33

Height of Bounding Box: 4.39



Symbol Colours:



Comments: Line weight 0.3 mm
Point diameter 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYSPP	Q 130.6	Body (shape optional) : yellow Top(mark (if any)) : yellow X FLY yellow light In special cases yellow can be in conjunction with another colour

Symbol Name:	SY(BOYSPP25)	RN: 58
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Symbol Explanation: special purpose TSS buoy marking the port side of the traffic lane, simplified

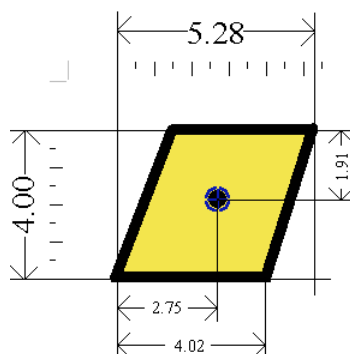
Look up table affected: simplified point symbols

Pivot Point Column: 2.75

Pivot Point Row: 1.91

Width of Bounding Box: 5.28

Height of Bounding Box: 4.00



Symbol Colours:



CHYLW

OUTLW

Comments:

Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC:

N/A

References:

S57	INT 1	
BOYSPP	Q 130.6	Body (shape optional) : yellow Top(mark (if any) : yellow X FLY yellow light YRY In special cases yellow can be in conjunction with another colour

Symbol Name:	SY(BOYSPP35)	RN: 527
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Symbol Explanation: special purpose ice buoy or spar or pillar shaped buoy, simplified

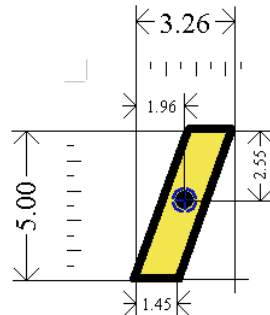
Look up table affected: simplified point symbols

Pivot Point Column: 1.96

Pivot Point Row: 2.55

Width of Bounding Box: 3.26

Height of Bounding Box: 5.00



Symbol Colours:



CHYLW

OUTLW

Comments:

Line weight 0.3 mm

Point diameter 0.6 mm

Examples on ENC:

N/A

References:

S57	INT 1	
BOYSPP	Q 130.6	Body (shape optional) : yellow Top[mark (if any) : yellow X FLY yellow light YRY In special cases yellow can be in conjunction with another colour

Symbol Name:	SY(BOYSPR01)	RN: 59
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Symbol Explanation: spar buoy, paper-chart

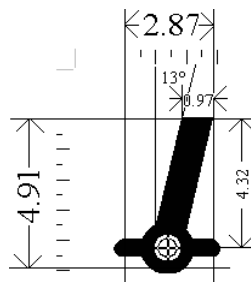
Look up table affected: paper chart point symbols

Pivot Point Column: 1.47

Pivot Point Row: 4.32

Width of Bounding Box: 2.87

Height of Bounding Box: 4.91



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYxxx	Q 24	
BOYCAR	Q 130.3	
BOYISD	Q 130.4	
BOYLAT	Q 130.1	
BOYSAW	Q 130.5	
BOYSPP	Q 130.6	

Symbol Name:	SY(BOYSUP01)	RN: 60
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Symbol Explanation: super-buoy, paper-chart

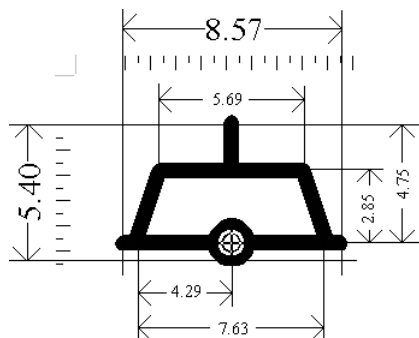
Look up table affected: paper chart point symbols

Pivot Point Column: 4.29

Pivot Point Row: 4.75

Width of Bounding Box: 8.57

Height of Bounding Box: 5.40



Symbol Colours:



CHBLK

Comments:

Line weight 0.6 mm

Circle diameter 1.3 mm

Examples on ENC:

N/A

References:

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

Symbol Name:	SY(BOYSUP02)	RN: 61
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Symbol Explanation: super-buoy ODAS & LANBY, simplified

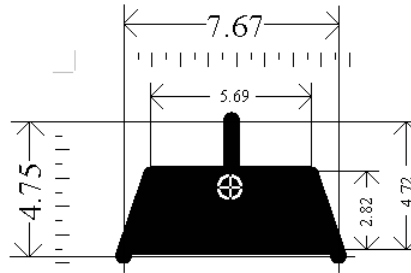
Look up table affected: simplified point symbols

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

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYSPP	Q 26, 58, 130.6	(Q 26)

Symbol Name:	SY(BOYSUP03)	RN: 62
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Symbol Explanation: LANBY, super-buoy, paper-chart

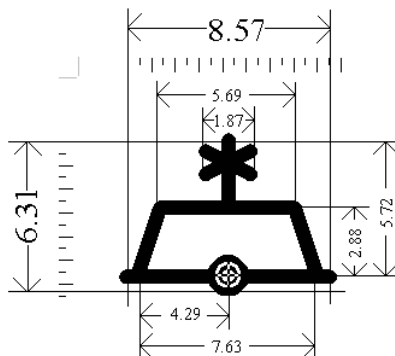
Look up table affected: paper chart point symbols

Pivot Point Column: 4.32

Pivot Point Row: 5.72

Width of Bounding Box: 8.57

Height of Bounding Box: 6.31



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.18 mm

Examples on ENC: N/A

References:

S57	INT 1	
BOYSPP	Q 26, 130.6	(Q 26) 

Symbol Name:	SY(BRIDGE01)	RN: 63
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Symbol Explanation: symbol for opening bridge

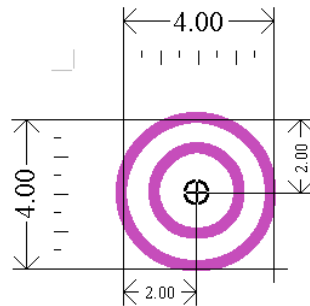
Look up table affected: line symbols

Pivot point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHMGD

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

Examples on ENC: N/A

References:

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

Symbol Name:	SY(BRTHNO01)	RN: 64
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Symbol Explanation: berth number symbol

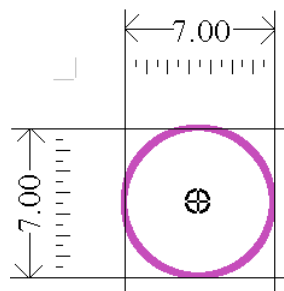
Look up table affected: line symbols
 paper chart point symbols
 area symbols with plain boundaries
 simplified point symbols
 area symbols with symbolized boundaries

Pivot Point Column: 3.50

Pivot Point Row: 3.50

Width of Bounding Box: 7.00

Height of Bounding Box: 7.00



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 7.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
BERTHS	F 19	4 5

Symbol Name:	SY(BUAARE02)	RN: 65
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Symbol Explanation: built-up area as a point at small scale

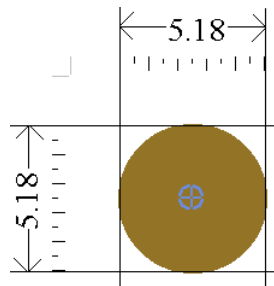
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56

Pivot Point Row: 2.54

Width of Bounding Box: 5.18

Height of Bounding Box: 5.18



Symbol Colours: LANDF

Comments: Filled circle diameter 5.18 mm

Examples on ENC: N/A

References:

S57	INT 1	
BUAARE	D 3, 4; G 50-54	(D 3)
		○ NAME □ NAME

Symbol Name:	SY(BUIREL01)	RN: 66
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Symbol Explanation: non-conspicuous religious building, Christian

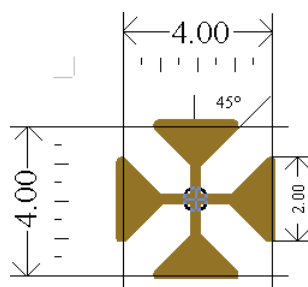
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00

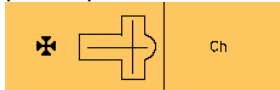


Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(BUIREL04)	RN: 67
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Symbol Explanation: non-conspicuous religious building, non-Christian

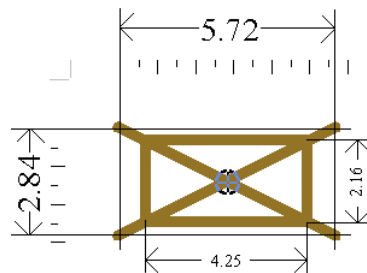
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.88

Pivot Point Row: 1.47

Width of Bounding Box: 5.72

Height of Bounding Box: 2.84



Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

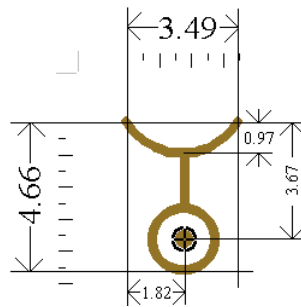
Symbol Name:	SY(BUIREL05)	RN: 68
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Symbol Explanation: mosque or minaret

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

Pivot Point Column: 1.85
Pivot Point Row: 3.68

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



Symbol Colours: LANDF

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

Examples on ENC: N/A

References:

S57	INT 1	
BUISGL	E 17, 18	(E 17)
		

Symbol Name:	SY(BUIREL13)	RN: 69
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Symbol Explanation: conspicuous religious building, Christian

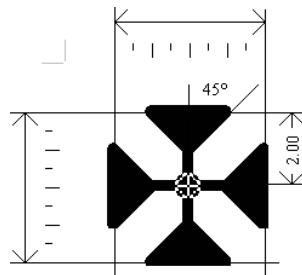
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width Of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(BUIREL14)	RN: 70
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Symbol Explanation: conspicuous religious building, non-Christian

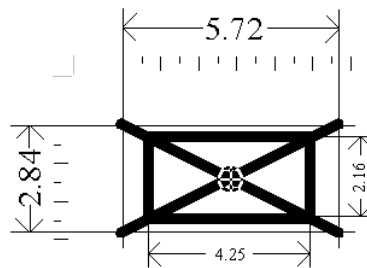
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.88

Pivot Point Row: 1.47

Width of Bounding Box: 5.72

Height of Bounding Box: 2.84



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(BUIREL15)	RN: 71
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Symbol Explanation: conspicuous mosque or minaret

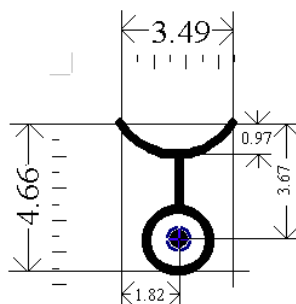
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.83

Pivot Point Row: 3.65

Width of Bounding Box: 3.49

Height of Bounding Box: 4.66



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm
Circle diameter 1.98 mm; point diameter 0.7 mm

Examples on ENC: N/A

References:

S57	INT 1	
BUIISGL	E 17, 18	(E 17)
		

Symbol Name:	SY(BUISGL01)	RN: 72
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Symbol Explanation: single building

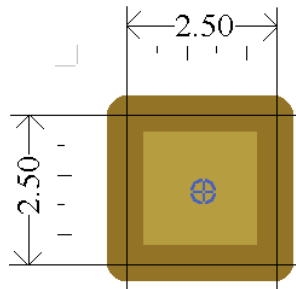
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.32

Pivot Point Row: 1.32

Width of Bounding Box: 2.50

Height of Bounding Box: 2.50



Symbol Colours:



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) 

Symbol Name:	SY(BUISGL11)	RN: 73
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Symbol Explanation: conspicuous single building

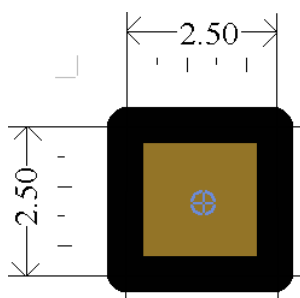
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.32

Pivot Point Row: 1.32

Width of Bounding Box: 2.50

Height of Bounding Box: 2.50



Symbol Colours:



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) 

Symbol Name:	SY(CAIRNS01)	RN: 74
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Symbol Explanation: cairn

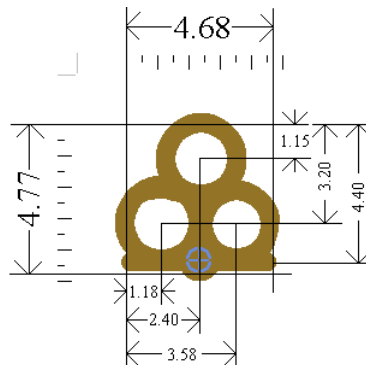
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.40

Pivot Point Row: 4.40

Width of Bounding Box: 4.68

Height of Bounding Box: 4.77



Symbol Colours: LANDF

Comments: Line weight 0.3 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) 

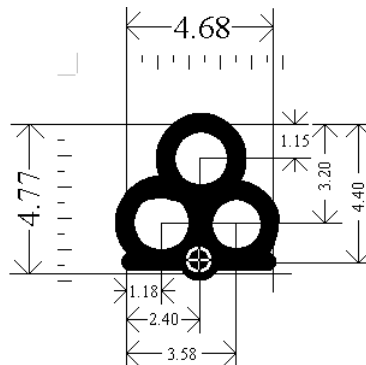
Symbol Name:	SY(CAIRNS11)	RN: 75
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Symbol Explanation: conspicuous cairn

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

Pivot Point Column: 2.40
Pivot Point Row: 4.40

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



Symbol Colours: CHBLK

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

Examples on ENC: N/A

References:

S57	INT 1	
BCNSPP	Q 100	
LNDMRK	Q 100	(Q 100)
		

Symbol Name:	SY(CBLARE51)	RN: 76
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Symbol Explanation: cable area

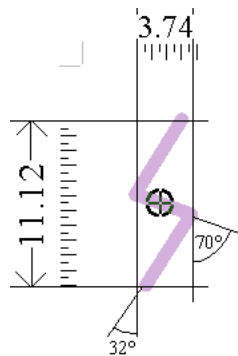
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.71

Pivot Point Row: 5.66

Width of Bounding Box: 3.74

Height of Bounding Box: 11.12



Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
CBLARE	L 30.2, 31.2	(L 31.2)

Symbol Name:	SY(CGUSTA02)	RN: 77
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Symbol Explanation: coastguard station

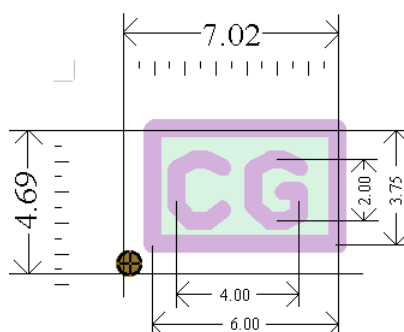
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 0.29

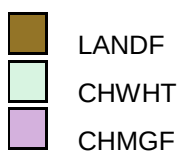
Pivot Point Row: 4.36

Width of Bounding Box: 7.02

Height of Bounding Box: 4.69



Symbol Colours:



Comments: Line weight 0.6 mm
Point diameter 0.92 mm

Examples on ENC: N/A

References:

S57	INT 1	
CGUSTA	T 10, 11	

Symbol Name:	SY(CHCRDEL1)	RN: 78
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Symbol Explanation: this object has been manually deleted or modified

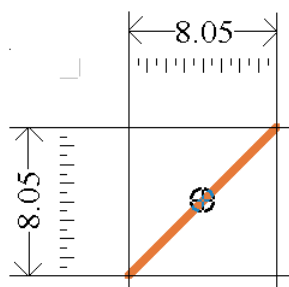
Look up table affected: N/A

Pivot Point Column: 4.09

Pivot Point Row: 4.01

Width of Bounding Box: 8.05

Height of Bounding Box: 8.05



Symbol Colours: CHCOR

Comments: Line weight 0.3 mm
See PresLib section 8.7.1

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(CHCRID01)	RN: 79
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Symbol Explanation: this object has been manually updated

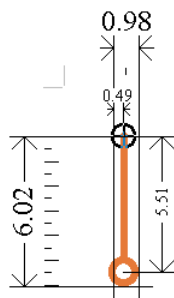
Look up table affected: N/A

Pivot Point Column: 0.49

Pivot Point Row: 0.03

Width of Bounding Box: 0.98

Height of Bounding Box: 6.02



Symbol Colours:



CHCOR

Comments:

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

Examples on ENC:

N/A

References:

S57	INT 1
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Symbol Name:	SY(CHDATD01)	RN: 591
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Symbol Explanation: This object is a date dependent by attribute DATSTA, DATEND, PERSTA and/or PEREND

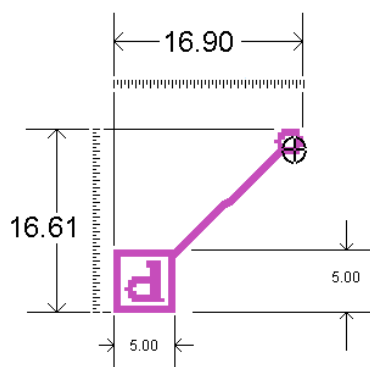
Look up table affected: N/A

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

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
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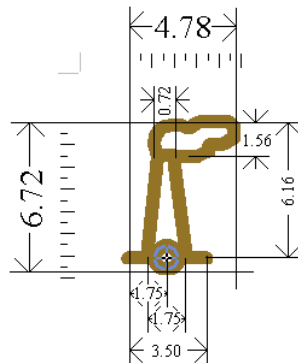
Symbol Name:	SY(CHIMNY01)	RN: 80
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Symbol Explanation: chimney

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

Pivot Point Column: 1.75
Pivot Point Row: 6.16

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



Symbol Colours:  LANDF

Comments: Line weight 0.3mm

Examples on ENC: N/A

References:

S57	INT 1		
LNDMRK	E 22		

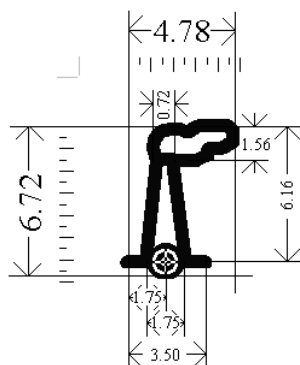
Symbol Name:	SY(CHIMNY11)	RN: 81
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Symbol Explanation: conspicuous chimney

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

Pivot Point Column: 1.75
Pivot Point Row: 6.16

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



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1		
LNDMRK	E 22		

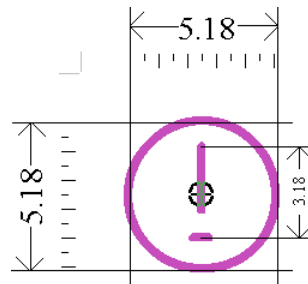
Symbol Name:	SY(CHINFO06)	RN: 82
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Symbol Explanation: HO caution note

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

Pivot Point Column: 2.56
Pivot Point Row: 2.54

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



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(CHINFO07)	RN: 83
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Symbol Explanation: HO information note

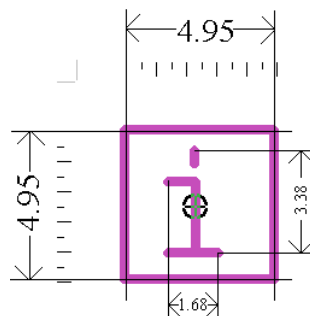
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.35

Pivot Point Row: 2.54

Width of Bounding Box: 4.95

Height of Bounding Box: 4.95

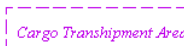
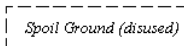
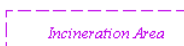


Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
CTSARE	N 64	 Cargo Transshipment Area
DMPGRD	N 23, 24, 62.1, 62.2	(N 62.2)  Spoil Ground (disused)
HRBFAC	F 10, 50, 52; U 1.1	(U 1.1) 
ICNARE	N 65	 Incineration Area
M_NPUB	Not specified	
PIPARE	L 40.2, 41.2	(L 40.1)  Oil Gas Chem (see Note) Water

Symbol Name:	SY(CHINFO08)	RN: 84
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Symbol Explanation: mariner's information note

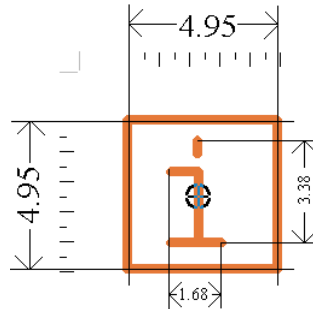
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.35

Pivot Point Row: 2.54

Width of Bounding Box: 4.95

Height of Bounding Box: 4.95



Symbol Colours: NINFO

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(CHINFO09)	RN: 85
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Symbol Explanation: mariners caution note

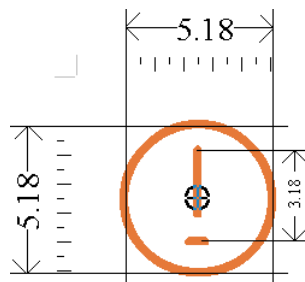
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56

Pivot Point Row: 2.54

Width of Bounding Box: 5.18

Height of Bounding Box: 5.18



Symbol Colours: NINFO

Comments: line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

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	

Symbol Name:	SY(CHINFO10)	RN: 86
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Symbol Explanation: manufacturer's information note

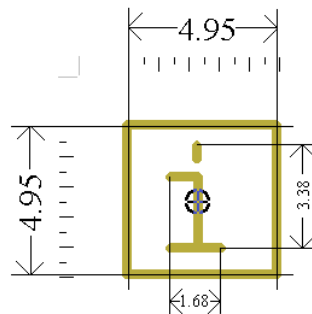
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.35

Pivot Point Row: 2.54

Width of Bounding Box: 4.95

Height of Bounding Box: 4.95



Symbol Colours: ADINF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(CHINFO11)	RN: 87
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Symbol Explanation: manufacturer's caution note

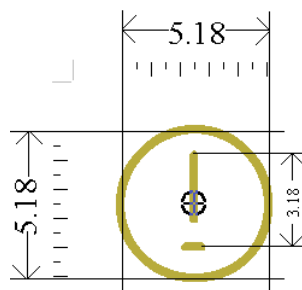
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.56

Pivot Point Row: 2.54

Width of Bounding Box: 5.18

Height of Bounding Box: 5.18



Symbol Colours: ADINF

Comments: Line weight 0.3 mm; circle diameter 5.18 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(CHKPNT01)	RN:	591
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Symbol Explanation: customs symbol

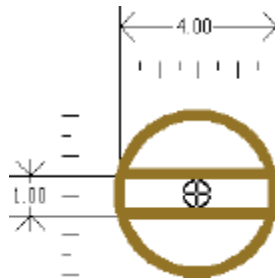
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries
paper chart point symbols
simplified point symbols

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

Comments: Line weight 0.3 mm; circle diameter 4.00 mm

Examples on ENC: N/A

References:

S57	INT 1		
BUISGL	F 61	⊖	

Symbol Name:	SY(CHKSYM01)	RN: 88
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Symbol Explanation: test symbol for checking symbol sizes, should measure 5 mm by 5 mm

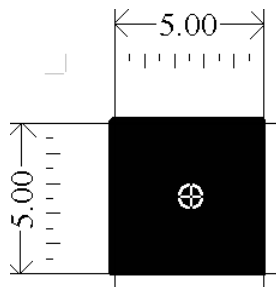
Look up table affected: N/A

Pivot Point Column: 2.61

Pivot Point Row: 2.49

Width of Bounding Box: 5.00

Height of Bounding Box: 5.00



Symbol Colours:



CHBLK (outline)



OUTLW (fill colour)

Comments: Line weight 0.3 mm
PresLib section 8.3.5

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(CHRVDEL1)	RN: 592
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Symbol Explanation: This object has been deleted by an automatic update

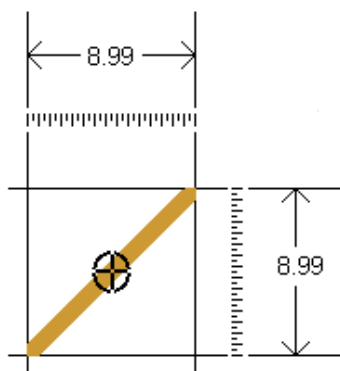
Look up table affected: N/A

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

Comments: Line weight 0.9 mm
See PresLib section 10.7.2

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(CHRVID01)	RN: 593
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Symbol Explanation: This object has been inserted or modified by an automatic update

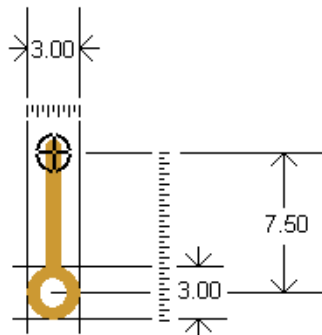
Look up table affected: N/A

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

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
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Symbol Name:	SY(CRANES01)	RN: 90
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Symbol Explanation: cranes

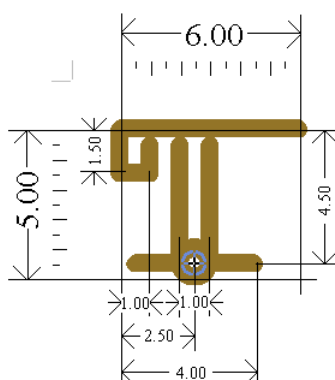
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.50

Pivot Point Row: 4.50

Width of Bounding Box: 6.00

Height of Bounding Box: 5.00



Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
CRANES	F 53.1, 53.2, 53.3	(F 53.2)

Symbol Name:	SY(CTNARE51)	RN: 91
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Symbol Explanation: caution area, a specific caution note applies

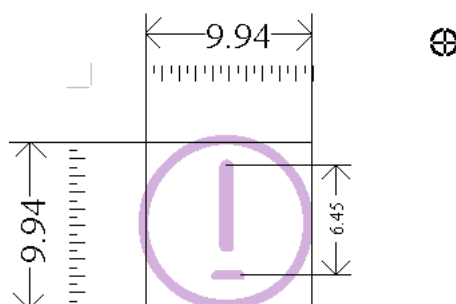
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 17.85

Pivot Point Row: -6.00

Width of Bounding Box: 9.94

Height of Bounding Box: 9.94



Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

S57	INT 1	
CTNARE	M 29.2	
TSSLPT	Not specified	

Symbol Name:	SY(CTYARE51)	RN: 92
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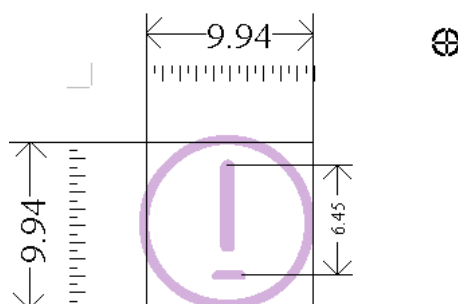
Symbol Explanation: cautionary area (e.g. ferry area) navigate with caution

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

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) 
OSPARE	L 4	
SPLARE	N 13	
SUBTLN	N 33	

Symbol Name:	SY(CTYARE71)	RN: 93
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Symbol Explanation: cautionary area with further information

Look up table affected: N/A

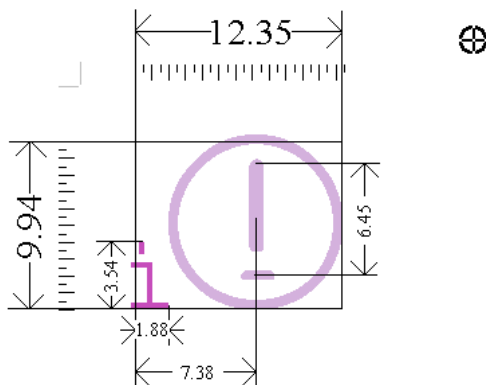
Called by CSP etc.: CSP RESARE04 Continuation D, E
CSP RESCSP02 Continuation D

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

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
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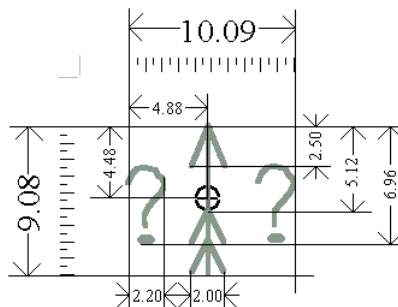
Symbol Name:	SY(CURDEF01)	RN: 94
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Symbol Explanation: current or tidal stream whose direction is not known

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
TS_FEB	H 40, 41	(H 41)
		→

Symbol Name:	SY(CURRENT01)	RN: 95
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Symbol Explanation: non-tidal current

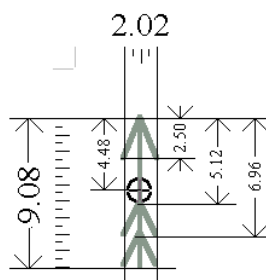
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.01

Pivot Point Row: 4.48

Width of Bounding Box: 2.02

Height of Bounding Box: 9.08



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
CURRENT	H 42, 43	(H 43) 2.5-4.5 kn  Jan-mar (see note)

Symbol Name:	SY(DANGER01)	RN: 98
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Symbol Explanation: underwater hazard with a defined depth

Look up table affected: N/A

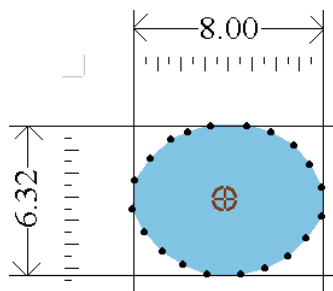
Called by CSP etc.: CSP OBSTRN07 Continuation A,
CSP WRECKS05 Continuation A

Pivot Point Column: 3.95

Pivot Point Row: 3.18

Width of Bounding Box: 8.00

Height of Bounding Box: 6.32



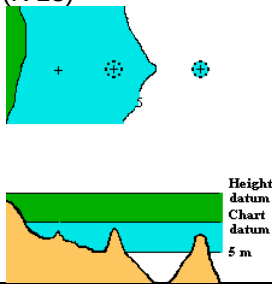
Symbol Colours:



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) 
UWTROC	K 13, 14.1, 14.2, 15, 16; O 27	(K 13) 
WRECKS	K 26, 27	(K 26) 

Symbol Name:	SY(DANGER02)	RN: 99
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Symbol Explanation: underwater hazard with depth greater than 20 metres

Look up table affected: N/A

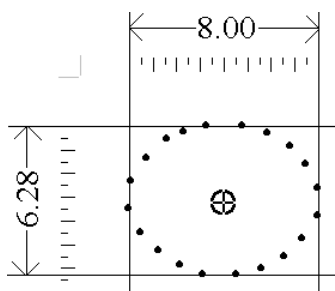
Called by CSP etc.: CSP OBSTRN07 Continuation A,
CSP WRECKS05 Continuation A

Pivot Point Column: 4.05

Pivot Point Row: 3.28

Width of Bounding Box: 8.00

Height of Bounding Box: 6.28

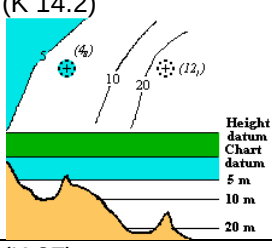


Symbol Colours: CHBLK

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) 
UWTROC	K 11, 14.1, 14.2, 15; O 27	(K 14.2) 
WRECKS	K 26, 27, 30	(K 27) 

Symbol Name:	SY(DANGER03)	RN: 525
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Symbol Explanation: underwater hazard which covers and uncovers

Look up table affected: N/A

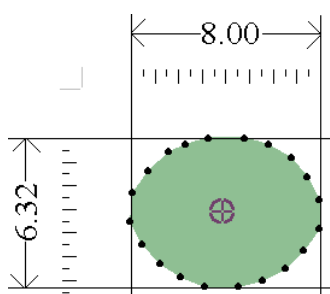
Called by CSP etc.: CSP OBSTRN07 Continuation A

Pivot Point Column: 3.95

Pivot Point Row: 3.18

Width of Bounding Box: 8.00

Height of Bounding Box: 6.32



Symbol Colours:



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) Height datum Chart datum 5 m

Symbol Name:	SY(DAYSQR01)	RN: 100
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Symbol Explanation: square or rectangular day mark, simplified

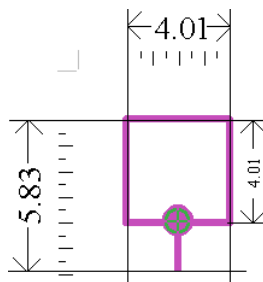
Look up table affected: simplified point symbols

Pivot Point Column: 2.04

Pivot Point Row: 3.99

Width of Bounding Box: 4.01

Height of Bounding Box: 5.83



Symbol Colours:



CHMGD

Comments:

Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC:

N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

Symbol Name:	SY(DAYSQR21)	RN: 101
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Symbol Explanation: square or rectangular day mark, paper chart

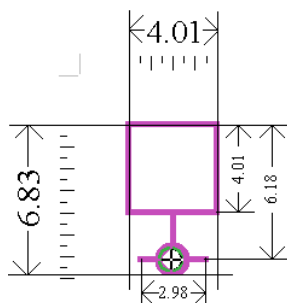
Look up table affected: paper chart point symbols

Pivot Point Column: 1.98

Pivot Point Row: 6.20

Width of Bounding Box: 4.01

Height of Bounding Box: 6.83



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

Symbol Name:	SY(DAYTRI01)	RN: 102
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Symbol Explanation: triangular day mark, point up, simplified

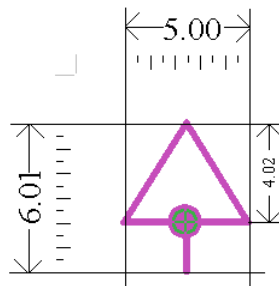
Look up table affected: simplified point symbols

Pivot Point Column: 2.49

Pivot Point Row: 4.01

Width of Bounding Box: 5.00

Height of Bounding Box: 6.01



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

Symbol Name:	SY(DAYTRI05)	RN: 103
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Symbol Explanation: triangular day mark, point down, simplified

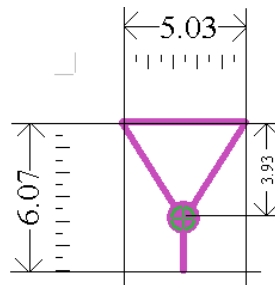
Look up table affected: simplified point symbols

Pivot Point Column: 2.50

Pivot Point Row: 3.95

Width of Bounding Box: 5.03

Height of Bounding Box: 6.07



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; point diameter 1.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

Symbol Name:	SY(DAYTRI21)	RN: 104
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Symbol Explanation: triangular day mark, point up, paper chart

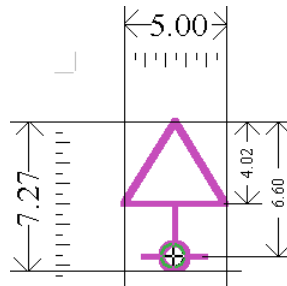
Look up table affected: paper chart point symbols

Pivot Point Column: 2.48

Pivot Point Row: 6.63

Width of Bounding Box: 5.00

Height of Bounding Box: 7.27



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

Symbol Name:	SY(DAYTRI25)	RN: 105
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Symbol Explanation: triangular day mark, point down, paper chart

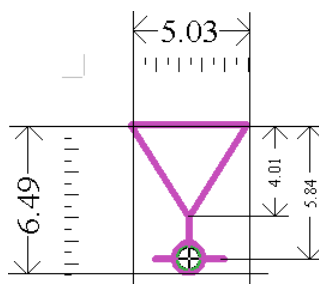
Look up table affected: paper chart point symbols

Pivot Point Column: 2.51

Pivot Point Row: 5.86

Width of Bounding Box: 5.03

Height of Bounding Box: 6.49



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DAYMAR	Q 101	 MK

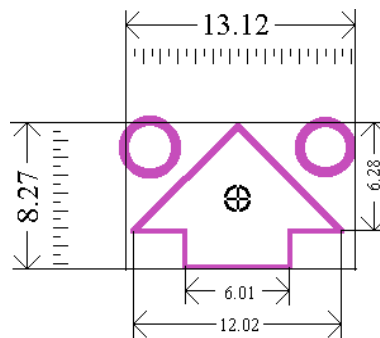
Symbol Name:	SY(DIRBOY01)	RN: 521
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Symbol Explanation: direction of buoyage

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

Pivot Point Column: 6.50
Pivot Point Row: 30.43

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



Symbol Colours:  CHMGD

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

Examples on ENC: N/A

References:

S57	INT 1	
M_NSYS	Q 130.1, 130.2	(Q 130.2) The direction of buoyage is that taken when approaching a harbour from seaward or, along coasts, the direction determined by buoyage authorities, normally clockwise around land masses.  Symbol showing direction of buoyage where not obvious  Symbol showing direction of buoyage on multicoloured charts

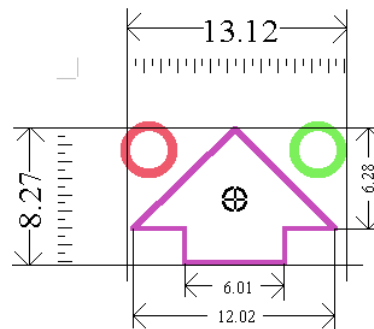
Symbol Name:	SY(DIRBOYA1)	RN: 106
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Symbol Explanation: direction and colour of buoyage for approaching harbour in IALA region A (red to port)

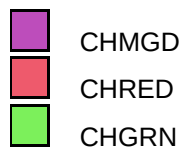
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.50
Pivot Point Row: 30.43

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



Symbol Colours:



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) The direction of buoyage is that taken when approaching a harbour from seaward or, along coasts, the direction determined by buoyage authorities, normally clockwise around land masses.  Symbol showing direction of buoyage where not obvious  Symbol showing direction of buoyage on multicoloured charts

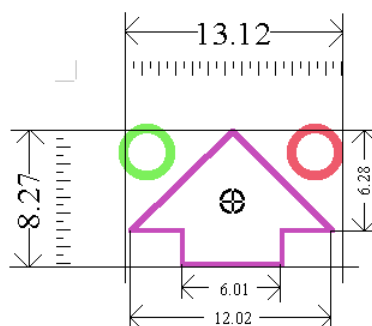
Symbol Name:	SY(DIRBOYB1)	RN: 107
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Symbol Explanation: direction and colour of buoyage for approaching harbour in IALA region B (green to port)

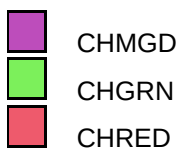
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.50
Pivot Point Row: 30.43

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



Symbol Colours:



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) The direction of buoyage is that taken when approaching a harbour from seaward or, along coasts, the direction determined by buoyage authorities, normally clockwise around land masses.  Symbol showing direction of buoyage where not obvious  Symbol showing direction of buoyage on multicoloured charts

Symbol Name:	SY(DISMAR03)	RN: 108
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Symbol Explanation: distance mark

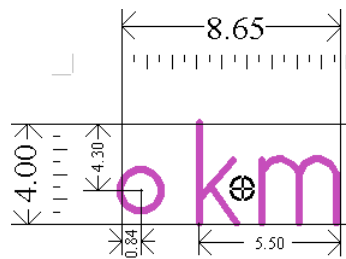
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 4.90

Pivot Point Row: 2.62

Width of Bounding Box: 8.65

Height of Bounding Box: 4.00

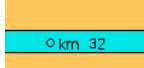


Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.68 mm

Examples on ENC: N/A

References:

S57	INT 1		
DISMAR	F 40	 	

Symbol Name:	SY(DISMAR04)	RN: 109
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Symbol Explanation: distance point with no mark

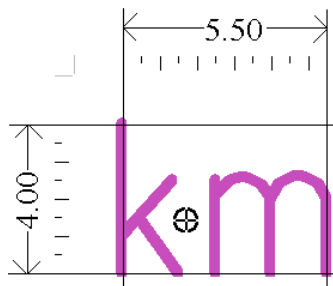
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75

Pivot Point Row: 2.62

Width of Bounding Box: 5.50

Height of Bounding Box: 4.00



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1		
DISMAR	F 40		

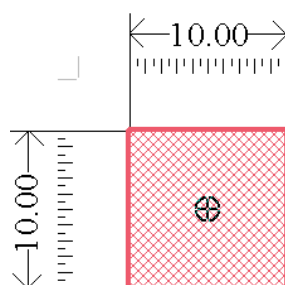
Symbol Name:	SY(DNGHILIT)	RN: 110
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Symbol Explanation: transparent danger highlight for mariner's use

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

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	

Symbol Name:	SY(DOMES001)	RN: 111
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Symbol Explanation: dome

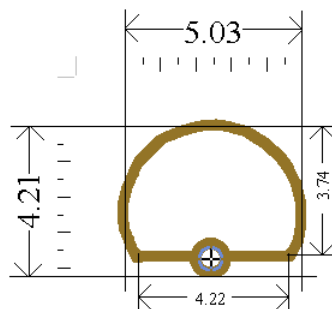
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.49

Pivot Point Row: 3.80

Width of Bounding Box: 5.03

Height of Bounding Box: 4.21



Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 0.86 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 10.4, 30.4	(E 10.4) ✠ Cup Cup (E 30.4) ⊙ Radome

Symbol Name:	SY(DOMES011)	RN: 112
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Symbol Explanation: conspicuous dome

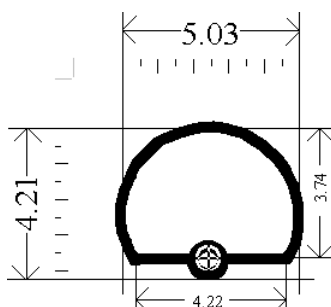
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.48

Pivot Point Row: 3.71

Width of Bounding Box: 5.03

Height of Bounding Box: 4.21



Symbol Colours: CHBLK

Comments: Line weight 0.6 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) (E 30.4)

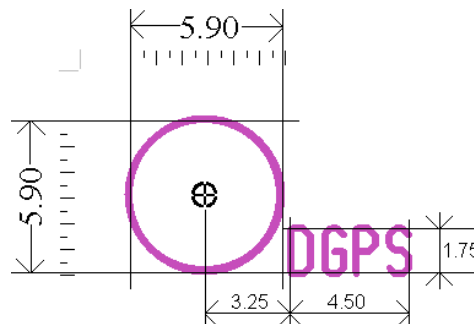
Symbol Name:	SY(DRFSTA01)	RN: 587
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Symbol Explanation: DGPS reference station

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

Pivot Point Column: 3.00
Pivot Point Row: 3.00

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



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
RDOSTA	S 51	(S 10)
		

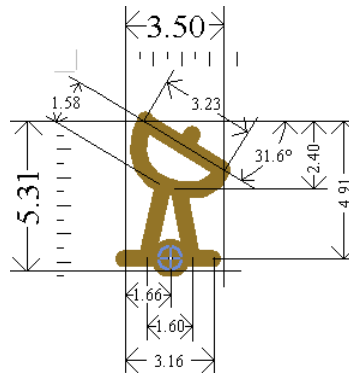
Symbol Name:	SY(DSHAER01)	RN: 113
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Symbol Explanation: dish aerial

Look up table affected: paper chart point symbols

Pivot Point Column: 1.66
Pivot Point Row: 4.91

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



Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 0.8 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 31	Ⓢ

Symbol Name:	SY(DSHAER11)	RN: 114
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Symbol Explanation: conspicuous dish aerial

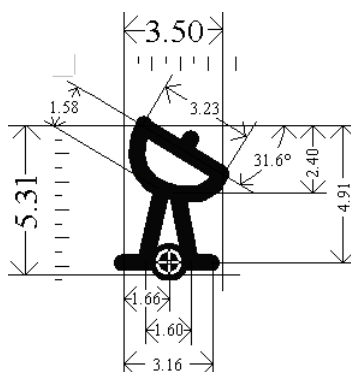
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.66

Pivot Point Row: 4.91

Width of Bounding Box: 3.50

Height of Bounding Box: 5.31



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 0.8 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 31	S

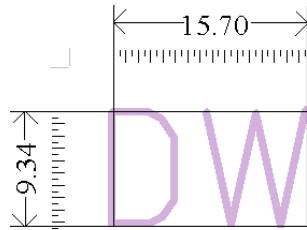
Symbol Name:	SY(DWRTPT51)	RN: 115
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Symbol Explanation: part of deep water route

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

Pivot Point Column: 7.26
Pivot Point Row: 17.34

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



Symbol Colours: TRFCF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
DWRTPT	M 27.1-2	

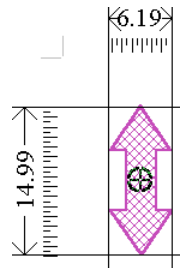
Symbol Name:	SY(DWRUTE51)	RN: 522
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Symbol Explanation: reciprocal traffic directions in a two-way part of a deep-water route

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

Pivot Point Column: 3.06
Pivot Point Row: 7.50

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



Symbol Colours: TRFCD

Comments: Outline weight 0.3 mm; area transparency 75%

Examples on ENC: N/A

References:

S57	INT 1	
DWRTPT	M 27.1-2	

Symbol Name:	SY(EBBSTR01)	RN: 116
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Symbol Explanation: ebb stream, rate at spring tides

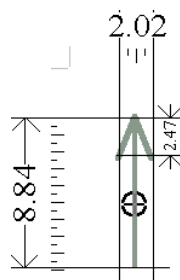
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.01

Pivot Point Row: 5.19

Width of Bounding Box: 2.02

Height of Bounding Box: 8.84



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
TS_FEB	H 40-41	(H 41)
		→

Symbol Name:	SY(EBLVRM11)	RN: 117
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Symbol Explanation: point of origin for an offset EBL or VRM

Look up table affected: N/A

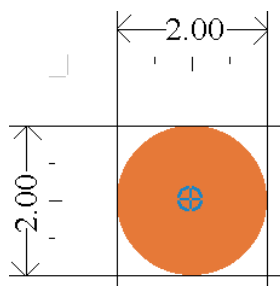
Called by CSP etc.: CSP VRMEBL01

Pivot Point Column: 1.00

Pivot Point Row: 1.00

Width of Bounding Box: 2.00

Height of Bounding Box: 2.00



Symbol Colours:  NINFO

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(ENTRES51)	RN: 118
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Symbol Explanation: area where entry is prohibited or restricted or to be avoided

Look up table affected: N/A

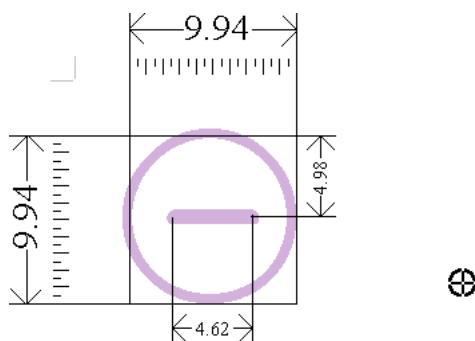
Called by CSP etc.: CSP RESARE04 Continuation A,
CSP RESCSP02 Continuation A

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

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) <i>Entry prohibited</i>

Symbol Name:	SY(ENTRES61)	RN: 119
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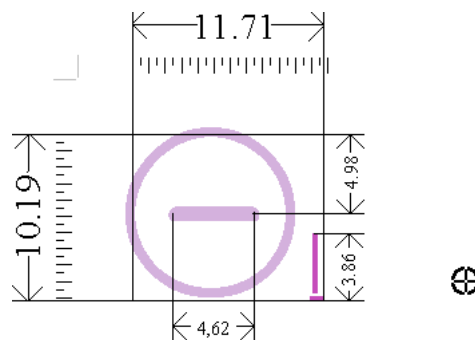
Symbol Explanation: area where entry is prohibited or restricted or to be avoided, with other cautions

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



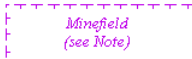
Symbol Colours:

	TRFCF
	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) 

Symbol Name:	SY(ENTRES71)	RN: 120
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Symbol Explanation: area where entry is prohibited or restricted or to be avoided, with other information

Look up table affected: N/A

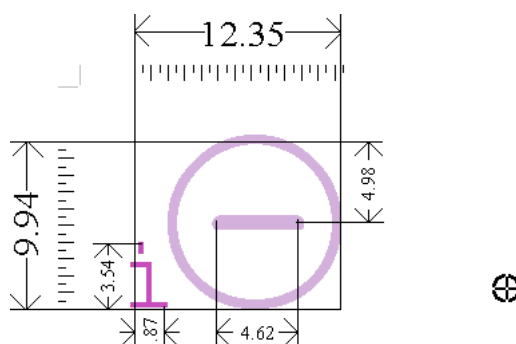
Called by CSP etc.: CSP RESARE04 Continuation A,
CSP RESCSP02 Continuation A

Pivot Point Column: 22.30

Pivot Point Row: 8.75

Width of Bounding Box: 12.35

Height of Bounding Box: 9.94



Symbol Colours:



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	

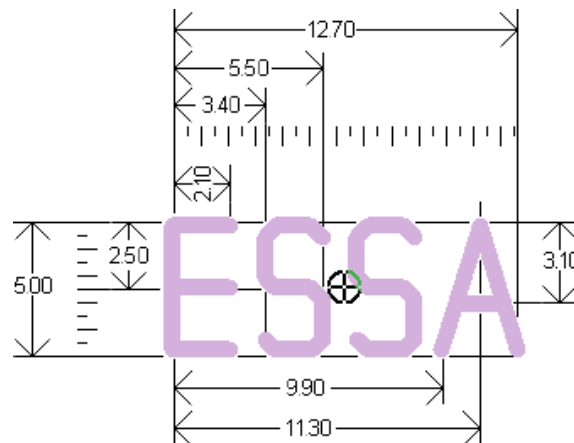
Symbol Name:	SY(ESSARE01)	RN:
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Symbol Explanation: ESSA - centred symbol

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

Pivot Point Column: 6.35
Pivot Point Row: 6.35

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



Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57 E3.1.1	INT 1	
RESARE, CATREA 27	N22	

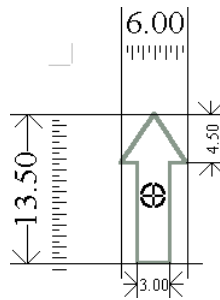
Symbol Name:	SY(FAIRWY51)	RN: 123
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Symbol Explanation: fairway with one-way traffic in direction indicated

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

Pivot Point Column: 3.00
Pivot Point Row: 7.50

Width of Bounding Box: 6.00
Height of Bounding Box: 13.50



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
FAIRWY	not specified

Symbol Name:	SY(FAIRWY52)	RN: 124
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Symbol Explanation: fairway with two-way traffic

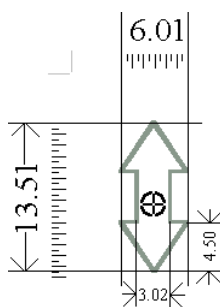
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.02

Pivot Point Row: 7.51

Width of Bounding Box: 6.01

Height of Bounding Box: 13.51



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
FAIRWY	not specified

Symbol Name:	SY(FLASTK01)	RN: 125
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Symbol Explanation: flare stack

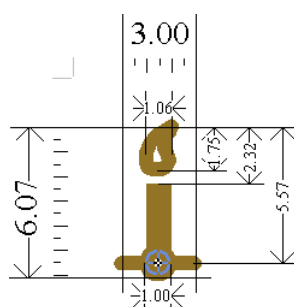
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 5.57

Width of Bounding Box: 3.00

Height of Bounding Box: 6.07



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 23; L 11	(E 23)  (L 11)  Fl1a
PRDARE	G 87	

Symbol Name:	SY(FLASTK11)	RN: 126
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Symbol Explanation: conspicuous flare stack

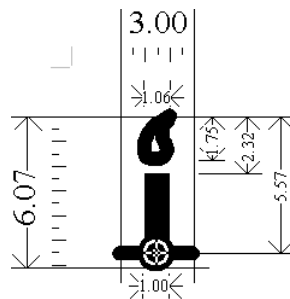
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 5.57

Width of Bounding Box: 3.00

Height of Bounding Box: 6.07



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 23; L 11	(E 23)  (L 11) □ Fla
PRDARE	G 87	

Symbol Name:	SY(FLDSTR01)	RN: 127
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Symbol Explanation: flood stream, rate at spring tides

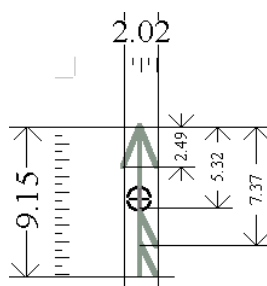
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.01

Pivot Point Row: 4.48

Width of Bounding Box: 2.02

Height of Bounding Box: 9.15



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
TS_FEB	H 40	

Symbol Name:	SY(FLGSTF01)	RN: 128
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Symbol Explanation: flagstaff, flagpole

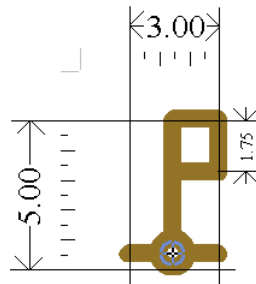
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 4.50

Width of Bounding Box: 3.00

Height of Bounding Box: 5.00



Symbol Colours: LANDF

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1		
LNDMRK	E 27	P	FS

Symbol Name:	SY(FLTHAZ02)	RN: 524
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Symbol Explanation: Floating hazard to navigation

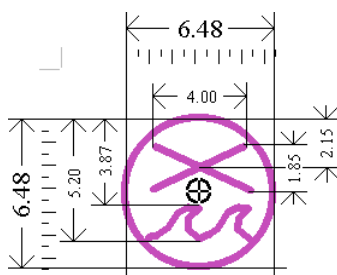
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.24

Pivot Point Row: 3.20

Width of Bounding Box: 6.48

Height of Bounding Box: 6.48

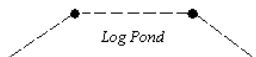


Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.48 mm

Examples on ENC: N/A

References:

S57	INT 1	
LOGPON	N 61	
OBSTRN	G 178	

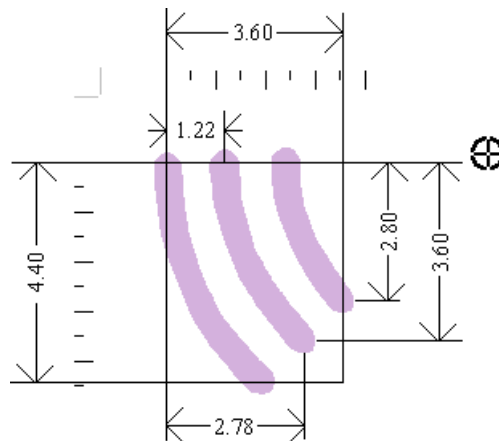
Symbol Name:	SY(FOGSIG01)	RN: 129
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Symbol Explanation: fog signal

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

Pivot Point Column: 6.50
Pivot Point Row: -0.10

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

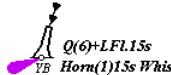


Symbol Colours:  CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(FORSTC01)	RN: 130
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Symbol Explanation: fortified structure

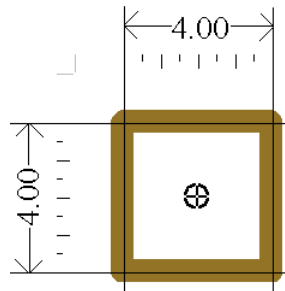
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours:  LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(FORSTC11)	RN: 131
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Symbol Explanation: conspicuous fortified structure

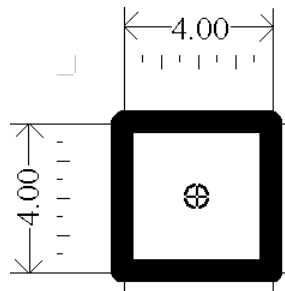
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(FOULGND1)	RN: 132
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Symbol Explanation: foul area of seabed safe for navigation but not for anchoring

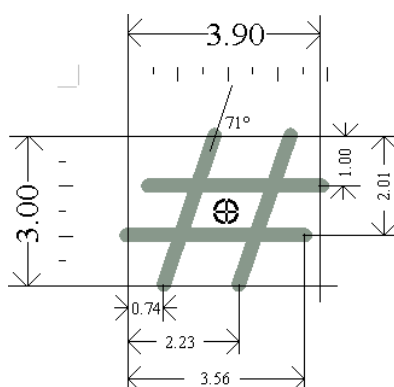
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.01

Pivot Point Row: 1.54

Width of Bounding Box: 3.90

Height of Bounding Box: 3.00



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
OBSTRN	K 31 L 22	(L 22) #
WRECKS	K 31	# F o u l

Symbol Name:	SY(FRYARE51)	RN: 133
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Symbol Explanation: ferry area

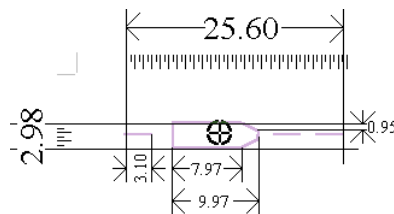
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 11.18

Pivot Point Row: 1.35

Width of Bounding Box: 25.60

Height of Bounding Box: 2.98



Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FERYRT	M 50, 51	(M 50) 

Symbol Name:	SY(FRYARE52)	RN: 134
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Symbol Explanation: cable ferry area

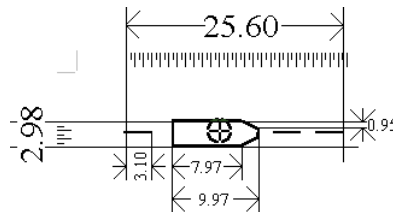
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 11.18

Pivot Point Row: 1.35

Width of Bounding Box: 25.60

Height of Bounding Box: 2.98



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FERYRT	M 50, 51	(M 51) -----C----- Cable Ferry

Symbol Name:	SY(FSHFAC02)	RN: 135
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Symbol Explanation: fish trap, fish weir, tunny net

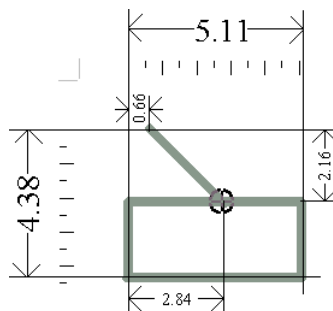
Look up table affected: paper chart point symbols
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.80

Pivot Point Row: 2.15

Width of Bounding Box: 5.11

Height of Bounding Box: 4.38



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC	K 44.2, 45	(K 44.2)  (K 45) Fish Traps Tunny Nets

Symbol Name:	SY(FSHFAC03)	RN: 136
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Symbol Explanation: fish stakes

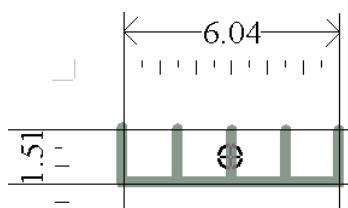
Look up table affected: paper chart point symbols
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.02

Pivot Point Row: 0.81

Width of Bounding Box: 6.04

Height of Bounding Box: 1.51



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC	K 44.1	

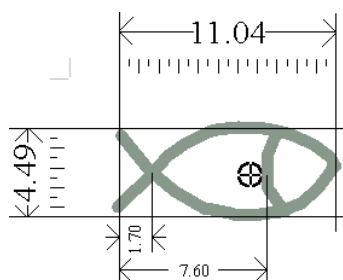
Symbol Name:	SY(FSHGRD01)	RN: 137
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Symbol Explanation: fishing ground

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

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHGRD	not specified	

Symbol Name:	SY(FSHHAV01)	RN: 138
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Symbol Explanation: fish haven

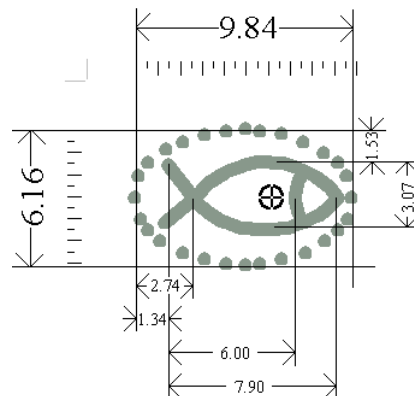
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 6.25

Pivot Point Row: 3.10

Width of Bounding Box: 9.84

Height of Bounding Box: 6.16



Symbol Colours:  CHGRD

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

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC		
OBSTRN	K 46.1, 46.2	(K 46.1)
		 

Symbol Name:	SY(FSHRES51)	RN: 139
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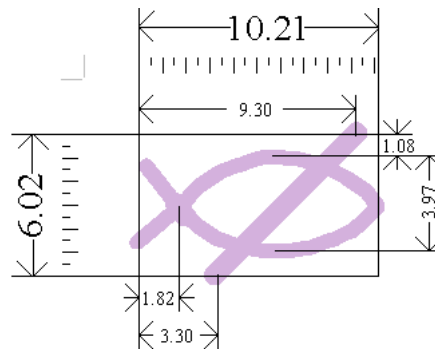
Symbol Explanation: area where fishing or trawling is prohibited or restricted

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

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	

Symbol Name:	SY(FSHRES61)	RN: 140
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Symbol Explanation: area where fishing or trawling is prohibited or restricted, with other cautions

Look up table affected: N/A

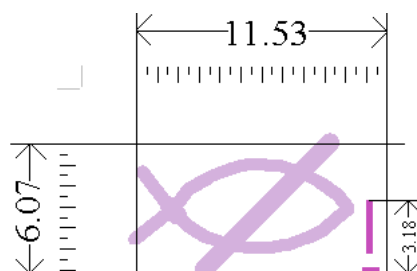
Called by CSP etc.: CSP RESARE04 Continuation C,
CSP RESCSP02 Continuation C

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

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) 

Symbol Name:	SY(FSHRES71)	RN: 141
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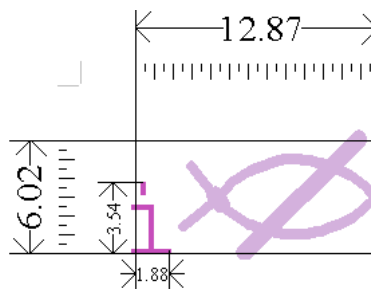
Symbol Explanation: area where fishing or trawling is prohibited or restricted, with other information

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

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	

Symbol Name:	SY(GATCON03)	RN: 142
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Symbol Explanation: navigable lock gate

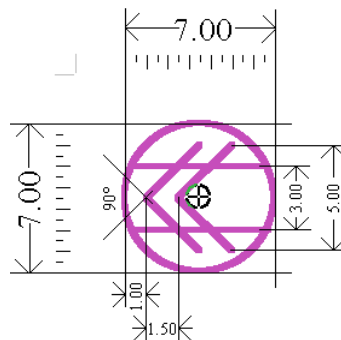
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 3.50

Pivot Point Row: 3.50

Width of Bounding Box: 7.00

Height of Bounding Box: 7.00



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm
Circle diameter 7.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
GATCON	F 41.1, 41.2	(F 41.1)

Symbol Name:	SY(GATCON04)	RN: 143
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Symbol Explanation: non-navigable lock gate

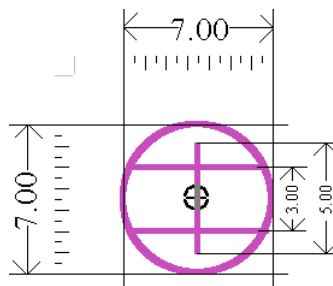
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 3.50

Pivot Point Row: 3.50

Width of Bounding Box: 7.00

Height of Bounding Box: 7.00



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
GATCON	F 42, 43	(F 42)

Symbol Name:	SY(HILTOP01)	RN: 144
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Symbol Explanation: hill or mountain top

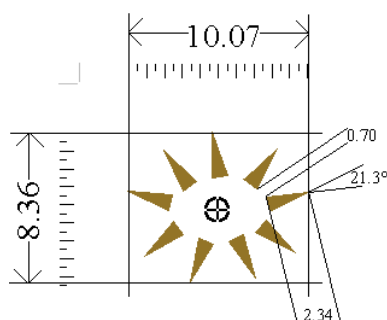
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 5.08

Pivot Point Row: 4.39

Width of Bounding Box: 10.07

Height of Bounding Box: 8.36



Symbol Colours:  LANDF

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

Examples on ENC: N/A

References:

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

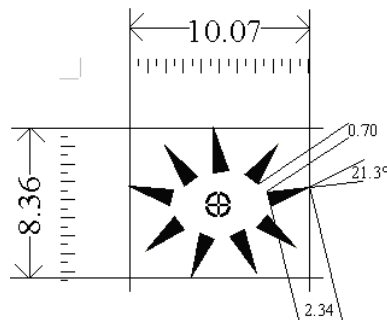
Symbol Name:	SY(HILTOP11)	RN: 145
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Symbol Explanation: conspicuous hill or mountain top

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

Pivot Point Column: 5.08
Pivot Point Row: 4.39

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



Symbol Colours: CHBLK

Comments: Line weight 0.6 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) 
SLOTOP	C 3, 4, 8; D 14,15; E 35.1; G 22	(C 3) 

Symbol Name:	SY(HRBFAC09)	RN: 146
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Symbol Explanation: fishing harbour

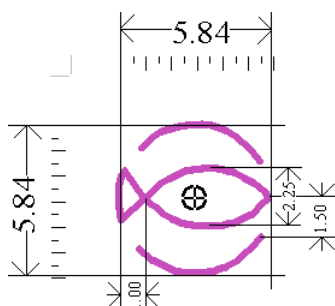
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.97

Pivot Point Row: 2.91

Width of Bounding Box: 5.84

Height of Bounding Box: 5.84



Symbol Colours: CHMGD

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

Examples on ENC: N/A

References:

S57	INT 1	
HRBFAC	F 10	

Symbol Name:	SY(HULKES01)	RN: 147
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Symbol Explanation: hulk

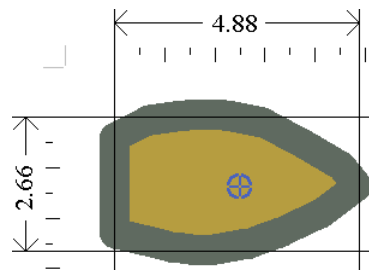
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.54

Pivot Point Row: 1.41

Width of Bounding Box: 4.88

Height of Bounding Box: 2.66



Symbol Colours:



Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
HULKES	F 34	 Hulk

Symbol Name:	SY(INFARE51)	RN: 148
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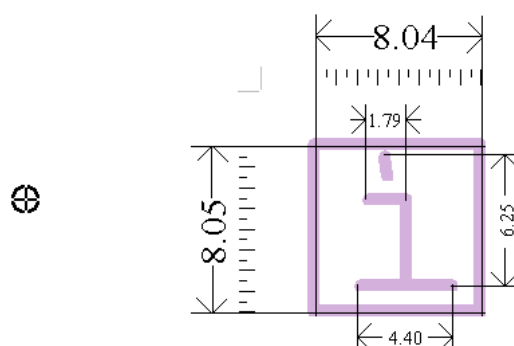
Symbol Explanation: area with minor restrictions or information notices

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

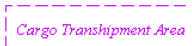
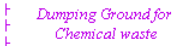
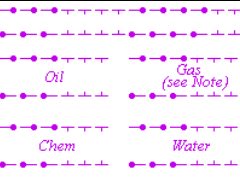


Symbol Colours:  CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
CTSARE	N 64	 Cargo Transshipment Area
DMPGRD	N 23, 24, 62.1, 62.2	(N 24)  Dumping Ground for Chemical waste
ICNARE	N 65	 Incineration Area
PIPARE	L 40.2, 41.2	 Oil Gas (see Note) Chem Water
RESARE	N 22, 26	(N 26)  Historic Wk

Symbol Name:	SY(INDHLT01)	RN: 594
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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:



BKAJ1



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
-----	-------

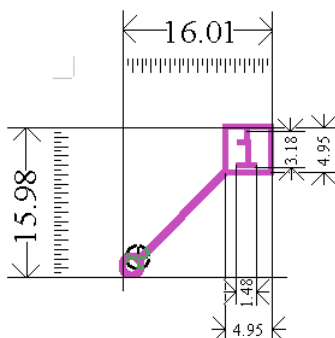
Symbol Name:	SY(INFORM01)	RN: 149
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Symbol Explanation: this object has additional information available by cursor query

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

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

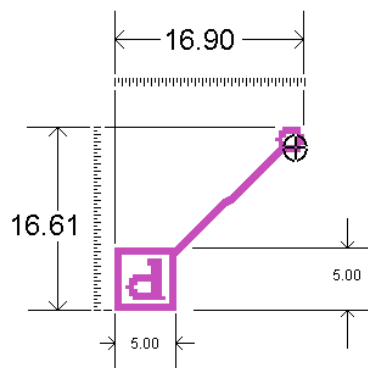
Look up table affected: N/A

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

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
-----	-------

Symbol Name:

SY(ISODGR01)

RN: 150

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

Look up table affected: N/A

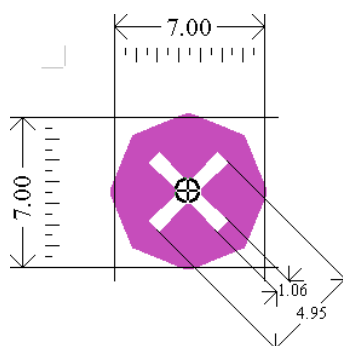
Called by CSP etc.: CSP UDWHAZ05

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

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) <i>SD</i>
UWTROC	K 11, 13-14.2, 16; O 27	(K 11) Height datum Chart datum 5 m
WRECKS	K 26-31	(K 26) Height datum Chart datum 5 m

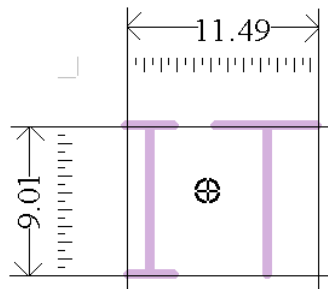
Symbol Name:	SY(ITZARE51)	RN: 151
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Symbol Explanation: area of inshore traffic

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

Pivot Point Column: 4.96
Pivot Point Row: 4.00

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



Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

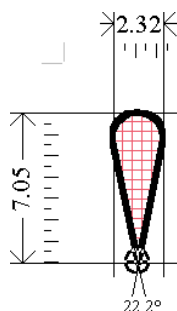
Examples on ENC: N/A

References:

S57	INT 1	
ISTZNE	M 14, 25.1, 25.2	(M 14)

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

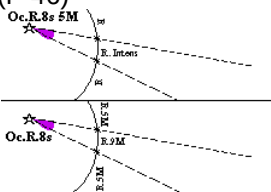


Symbol Colours:	 LITRD
	 OUTLW

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

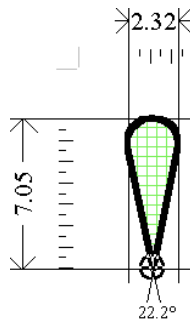
Examples on ENC:	N/A
------------------	-----

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) 

Symbol Name:	SY(LIGHTS12)	RN: 153
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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
	 OUTLW

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

Examples on ENC:	N/A
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References:

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

Symbol Name:	SY(LIGHTS13)	RN: 154
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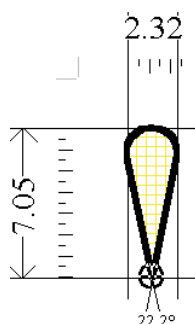
Symbol Explanation: light flare, white or yellow

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



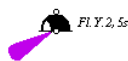
Symbol Colours:



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

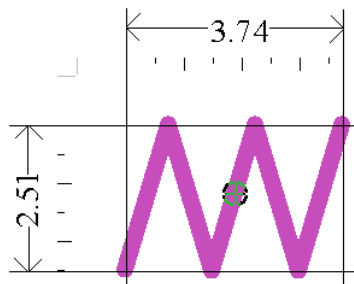
Examples on ENC: N/A

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) 

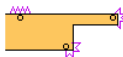
Symbol Name:	SY(LIGHTS81)	RN: 155
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Symbol Explanation: strip light
 Look up table affected: N/A
 Called by CSP etc.: CSP LIGHTS06
 Pivot Point Column: 1.92
 Pivot Point Row: 1.21
 Width of Bounding Box: 3.74
 Height of Bounding Box: 2.51



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

References:

S57	INT 1	
LIGHTS	P 64	

Symbol Name:	SY(LIGHTS82)	RN: 156
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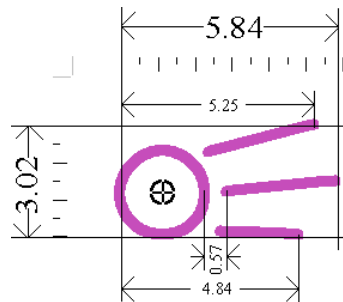
Symbol Explanation: floodlight

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

Comments: Line weight 0.3 mm; circle diameter 2.32 mm

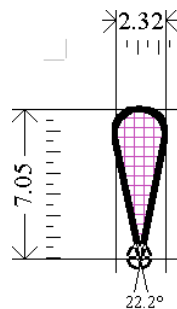
Examples on ENC: N/A

References:

S57	INT 1		
LIGHTS	G 70; P 63	(P 63)	
			(Illuminated)

Symbol Name:	SY(LITDEF11)	RN: 157
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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
	 OUTLW

Comments:	Outline weight 0.3 mm; arc diameter 2.32 mm Transparency 50%
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Examples on ENC:	N/A
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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) 

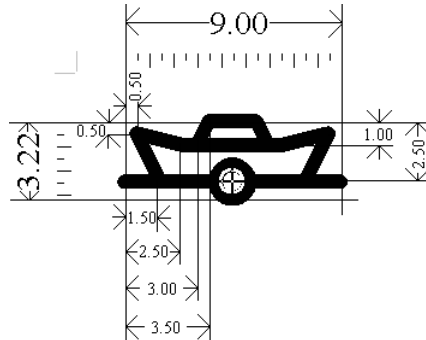
Symbol Name:	SY(LITFLT01)	RN: 158
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Symbol Explanation: light float, paper-chart

Look up table affected: paper chart point symbols

Pivot Point Column: 4.50
Pivot Point Row: 2.50

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

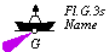
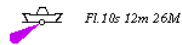


Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
LITFLT	Q 30-31	(Q 30)  (Q 31) 

Symbol Name:	SY(LITFLT02)	RN: 159
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Symbol Explanation: light float, simplified

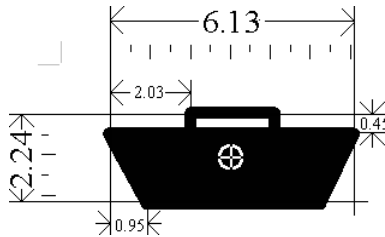
Look up table affected: simplified point symbols

Pivot Point Column: 3.07

Pivot Point Row: 1.12

Width of Bounding Box: 6.13

Height of Bounding Box: 2.24



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
LITFLT	Q 30-31	(Q 30) (Q 31)

Symbol Name:	SY(LITVES01)	RN: 160
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Symbol Explanation: light vessel, paper-chart

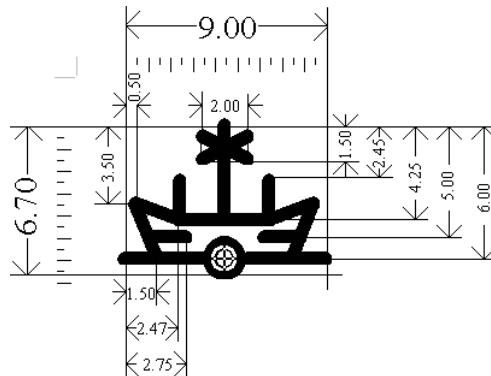
Look up table affected: paper chart point symbols

Pivot Point Column: 4.50

Pivot Point Row: 6.00

Width of Bounding Box: 9.00

Height of Bounding Box: 6.70



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.4 mm

Examples on ENC: N/A

References:

S57	INT 1		
LITVES	P 6		<i>Lt V</i>

Symbol Name:	SY(LITVES02)	RN: 161
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Symbol Explanation: light vessel, simplified

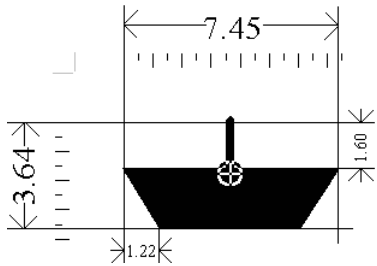
Look up table affected: simplified point symbols

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1		
LITVES	P 6		<i>Lt V</i>

Symbol Name:	SY(LNDARE01)	RN: 162
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Symbol Explanation: land as a point at small scale

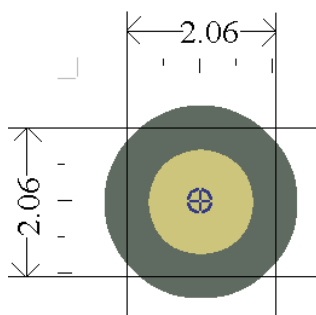
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.03

Pivot Point Row: 1.03

Width of Bounding Box: 2.06

Height of Bounding Box: 2.06



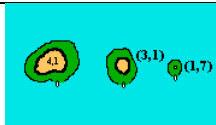
Symbol Colours:



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

Examples on ENC: N/A

References:

S57	INT 1	
LNDARE	K 10	 

Symbol Name:	SY(LOCMAG01)	RN: 163
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Symbol Explanation: cursor pick site for a magnetic anomaly at a point or along a line

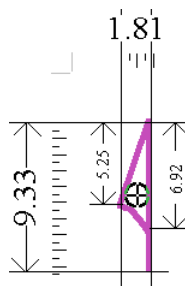
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 1.14

Pivot Point Row: 4.69

Width of Bounding Box: 1.81

Height of Bounding Box: 9.33



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

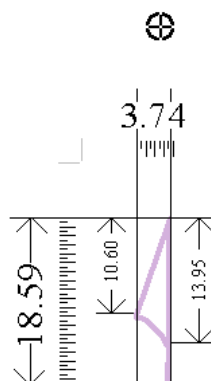
Symbol Name:	SY(LOCMAG51)	RN: 164
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Symbol Explanation: cursor pick site for a magnetic anomaly over an area

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

Pivot Point Column: 2.70
Pivot Point Row: -21.46

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



Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
LOCMAG	B 82.1-2	(B 82.2) Local Magnetic Anomaly (see Note)

Symbol Name:	SY(LOWACC01)	RN: 165
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Symbol Explanation: point feature or area of low accuracy

Look up table affected: N/A

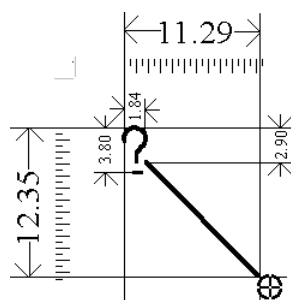
Called by CSP etc.: CSP QUAPNT02,
CSP LOWACC01

Pivot Point Column: 12.30

Pivot Point Row: 13.30

Width of Bounding Box: 11.29

Height of Bounding Box: 12.35



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
not specified	B 7, 8; I 3.1, 3.2	(B 7) <i>PA</i>
COALNE	C 2, 12, 32, 33	
DEPCNT	I 31	
OBSTRN	K 43.2	
SOUNDG	I 4, 14	

Symbol Name:	SY(MAGVAR01)	RN: 166
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Symbol Explanation: cursor pick site for magnetic variation at a point

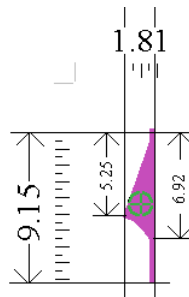
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.08

Pivot Point Row: 4.47

Width of Bounding Box: 1.81

Height of Bounding Box: 9.15



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(MAGVAR51)	RN: 167
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Symbol Explanation: cursor pick site for magnetic variation along a line or over an area

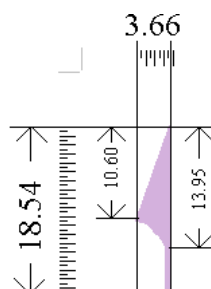
Look up table affected: line symbols
area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 2.53

Pivot Point Row: 36.74

Width of Bounding Box: 3.66

Height of Bounding Box: 18.54



Symbol Colours: CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

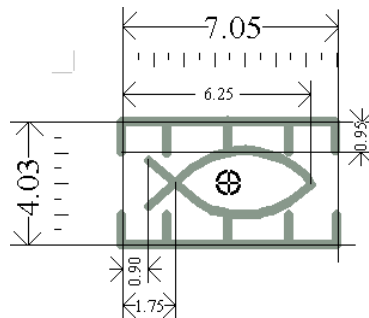
Symbol Name:	SY(MARCUL02)	RN: 168
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Symbol Explanation: fish farm

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

Pivot Point Column: 3.53
Pivot Point Row: 2.02

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



Symbol Colours:  CHGRD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
MARCUL	K 47, 48.1 – 2	(K 48.1)
		 (see Note) 

Symbol Name:	SY(MONUMT02)	RN: 169
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Symbol Explanation: monument

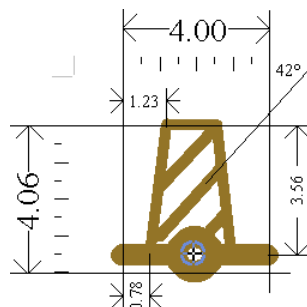
Look up table affected: paper chart point symbols

Pivot Point Column: 1.97

Pivot Point Row: 3.55

Width of Bounding Box: 4.00

Height of Bounding Box: 4.06



Symbol Colours: LANDF

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

Examples on ENC: N/A

References:

S57	INT 1		
LNDMRK	E 24; G 66	(E 24)	
			Mon

Symbol Name:	SY(MONUMT12)	RN: 170
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Symbol Explanation: conspicuous monument

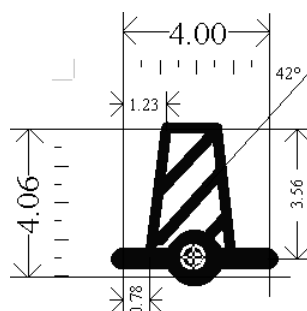
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.97

Pivot Point Row: 3.55

Width of Bounding Box: 4.00

Height of Bounding Box: 4.06



Symbol Colours: CHBLK

Comments: Line weight 0.6mm; 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)	
			Mon

Symbol Name:	SY(MORFAC03)	RN: 171
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Symbol Explanation: mooring dolphin

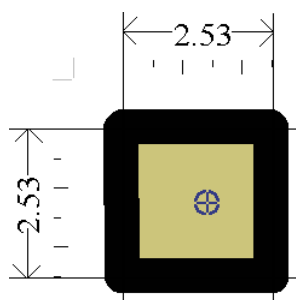
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.44

Pivot Point Row: 1.29

Width of Bounding Box: 2.53

Height of Bounding Box: 2.53



Symbol Colours:



Comments: Outline weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
MORFAC	F 20	  
SLCONS	G 171	

Symbol Name:	SY(MORFAC04)	RN: 172
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Symbol Explanation: deviation mooring dolphin

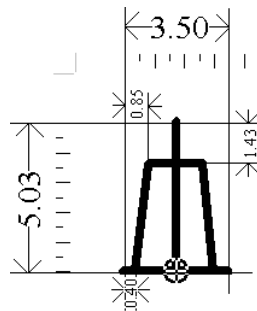
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.80

Pivot Point Row: 5.03

Width of Bounding Box: 3.50

Height of Bounding Box: 5.03



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
MORFAC	F 21	

Symbol Name:	SY(MSTCON04)	RN: 173
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Symbol Explanation: mast

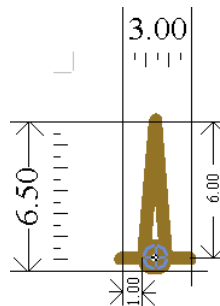
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 6.00

Width of Bounding Box: 3.00

Height of Bounding Box: 6.50



Symbol Colours: LANDF

Comments: Line weight 0.3mm; 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) 

Symbol Name:	SY(MSTCON14)	RN: 174
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Symbol Explanation: conspicuous mast

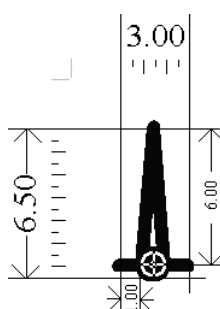
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 6.00

Width of Bounding Box: 3.00

Height of Bounding Box: 6.50



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 28, 30.1; G 67, 69; P 61.1, 61.2	(E 30.1)  Radar mast

Symbol Name:	SY(NEWOBJ01)	RN: 585
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Symbol Explanation: new object

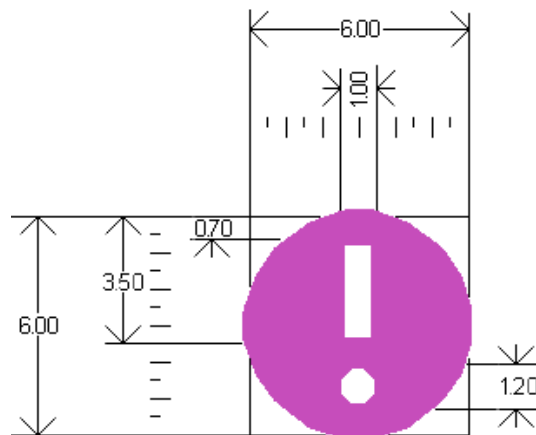
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.00

Pivot Point Row: 3.00

Width of Bounding Box: 6.00

Height of Bounding Box: 6.00



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57 E3.1.1	INT 1
NEWOBJ	N/A

Symbol Name:	SY(NORTHAR1)	RN: 175
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Symbol Explanation: north arrow

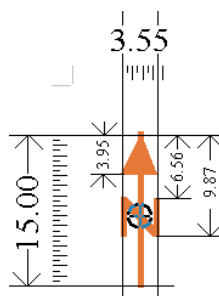
Look up table affected: N/A

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

Comments: Line weight 0.6 mm
See PresLib section 8.5.4

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	SY(NOTBRD11)	RN: 176
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Symbol Explanation: conspicuous notice board

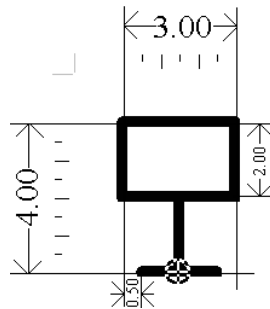
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 4.00

Width of Bounding Box: 3.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Line weight 0.6mm

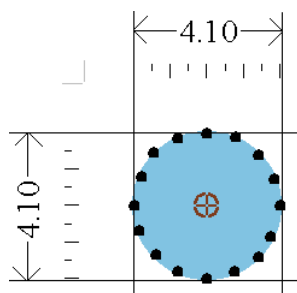
Examples on ENC: N/A

References:

S57	INT 1	
BCNSPP	Q 126	

Symbol Name:	SY(OBSTRN01)	RN: 177
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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 :



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) 

Symbol Name:	SY(OBSTRN02)	RN: 178
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Symbol Explanation: obstruction in the intertidal area

Look up table affected: N/A

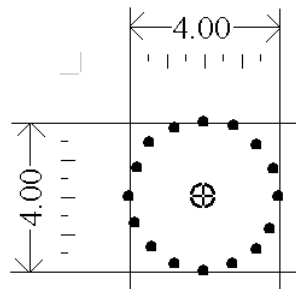
Called by CSP etc.: Earlier version of CSP OBSTRN

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

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

Examples on ENC: N/A

References:

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

Symbol Name:	SY(OBSTRN03)	RN: 526
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Symbol Explanation: obstruction which covers and uncovers

Look up table affected: N/A

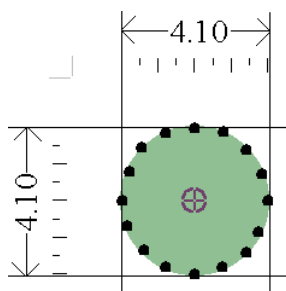
Called by CSP etc.: CSP OBSTRN07 Continuation A

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

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	

Symbol Name:	SY(OBSTRN11)	RN: 179
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Symbol Explanation: obstruction in the water which is always above water level

Look up table affected: N/A

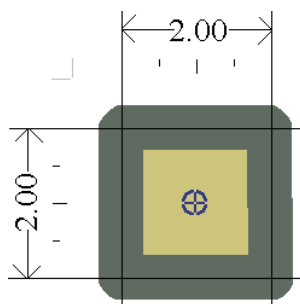
Called by CSP etc.: CSP OBSTRN07 Continuation A

Pivot Point Column: 1.00

Pivot Point Row: 1.01

Width of Bounding Box: 2.00

Height of Bounding Box: 2.00



Symbol Colours:



Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(OFSPLF01)	RN: 180
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Symbol Explanation: offshore platform

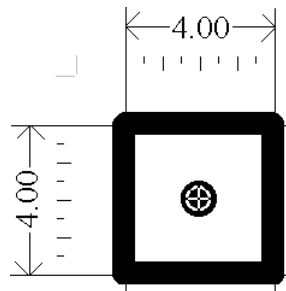
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; point diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
OFSPLF	L 2, 10, 11-15, 17	(L 2)
		 Z-44

Symbol Name:	SY(PILBOP02)	RN: 187
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Symbol Explanation: pilot boarding place

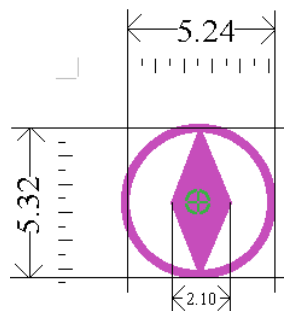
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.59

Pivot Point Row: 2.69

Width of Bounding Box: 5.24

Height of Bounding Box: 5.32



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.24 mm

Examples on ENC: N/A

References:

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

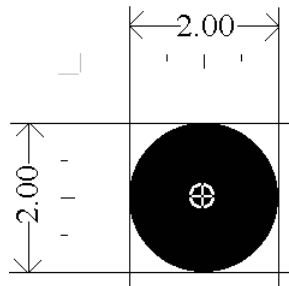
Symbol Name:	SY(PILPNT02)	RN: 188
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Symbol Explanation: pile or bollard

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

Pivot Point Column: 1.00
Pivot Point Row: 1.00

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



Symbol Colours: CHBLK

Comments: Point diameter 2.0 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(POSGEN01)	RN: 193
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Symbol Explanation: position of a point feature

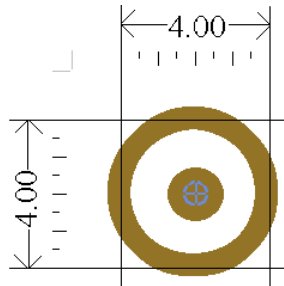
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: LANDF

Comments: Circle line weight 0.3mm; 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) ⊗ Radar Surveillance Station

Symbol Name:	SY(POSGEN03)	RN: 194
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Symbol Explanation: position of a conspicuous point feature

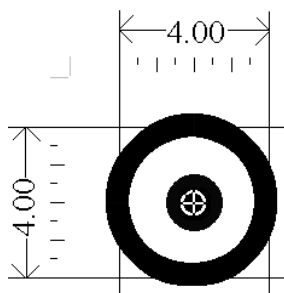
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Pattern: N/V

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

Examples on ENC: N/V

References:

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

Symbol Name:	SY(POSGEN04)	RN: 195
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Symbol Explanation: position of an elevation or control point

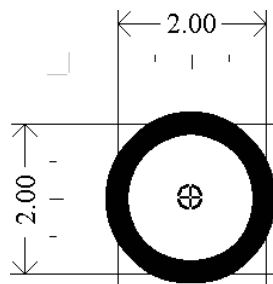
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 1.00

Pivot Point Row: 1.00

Width of Bounding Box: 2.00

Height of Bounding Box: 2.00



Symbol Colours: CHBLK

Pattern: N/V

Comments: Circle line weight 0.6 mm

Examples on ENC: N/V

References:

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

Symbol Name:	SY(PRCARE12)	RN: 197
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Symbol Explanation: point symbol for traffic precautionary area

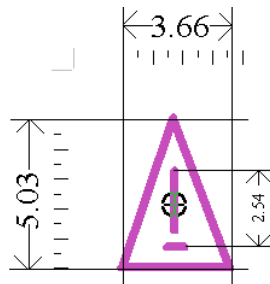
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.77

Pivot Point Row: 2.93

Width of Bounding Box: 3.66

Height of Bounding Box: 5.03



Symbol Colours: TRFCD

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

S57	INT 1		
PRCARE	M 16, 24	(M 16)	 <i>Precautionary Area</i>

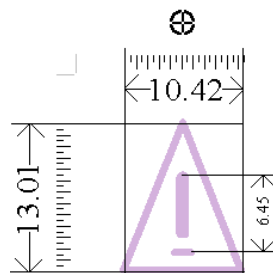
Symbol Name:	SY(PRCARE51)	RN: 198
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Symbol Explanation: traffic precautionary area

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

Pattern: N/V

Comments: Line weight 0.6 mm

Examples on ENC: N/V

References:

S57	INT 1
PRCARE	M 16, 24

Symbol Name:	SY(PRDINS02)	RN: 199
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Symbol Explanation: mine, quarry

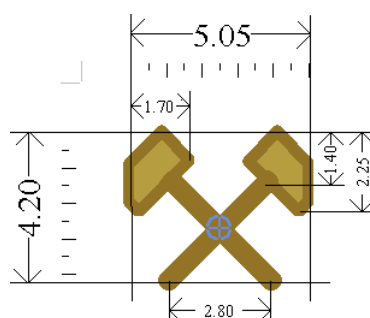
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.55

Pivot Point Row: 2.75

Width of Bounding Box: 5.05

Height of Bounding Box: 4.20



Symbol Colours:



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)

Symbol Name:	SY(PRICKE03)	RN: 200
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Symbol Explanation: withy, port-hand, paper-chart

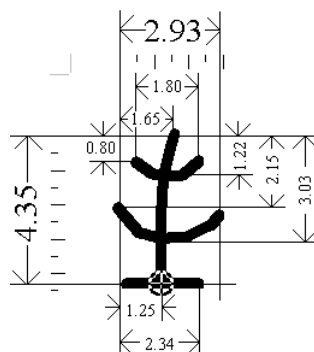
Look up table affected: paper chart point symbols

Pivot Point Column: 1.25

Pivot Point Row: 4.35

Width of Bounding Box: 2.93

Height of Bounding Box: 4.35



Symbol Colours: CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

S57	INT 1	
BCNLAT	Q 92	

Symbol Name:	SY(PRICKE04)	RN: 201
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Symbol Explanation: withy, starboard-hand, paper-chart

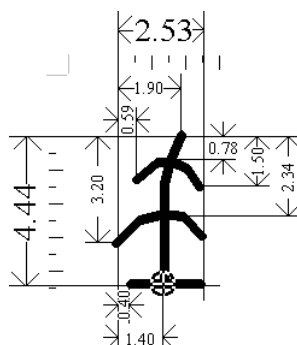
Look up table affected: paper chart point symbols

Pivot Point Column: 1.41

Pivot Point Row: 4.44

Width of Bounding Box: 2.53

Height of Bounding Box: 4.44



Symbol Colours: CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

S57	INT 1	
BCNLAT	Q 92	

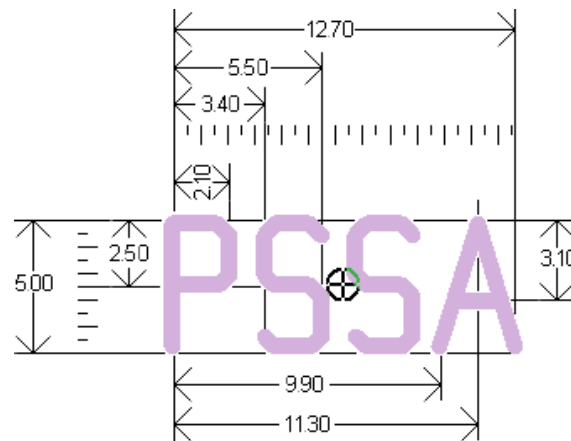
Symbol Name:	SY(PSSARE01)	RN: 519
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Symbol Explanation: PSSA - centred symbol

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

Pivot Point Column: 6.35
Pivot Point Row: 6.35

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



Symbol Colours:  CHMGF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57 E.3.1.1	INT 1	
RESARE, CATREA 28	N22	
		

Symbol Name:	SY(QUAPOS01)	RN: 202
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Symbol Explanation: position approximate

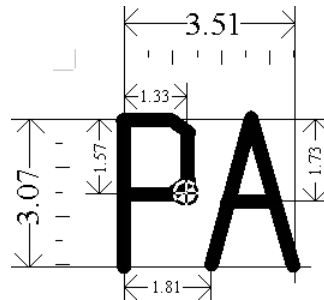
Look up table affected: N/V

Pivot Point Column: 1.32

Pivot Point Row: 1.56

Width of Bounding Box: 3.51

Height of Bounding Box: 3.07



Symbol Colours: CHBLK

Pattern: N/V

Comments: Line weight 0.3 mm

Examples on ENC: N/V

References:

S57	INT 1	
As applicable	B 7	PA

Symbol Name:	SY(QUARRY01)	RN: 203
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Symbol Explanation: quarry

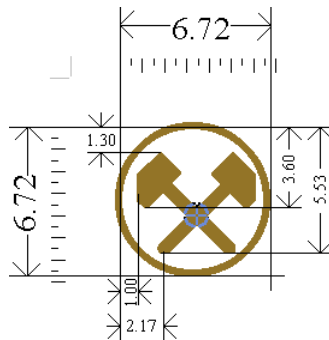
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.52

Pivot Point Row: 4.08

Width of Bounding Box: 6.72

Height of Bounding Box: 6.72



Symbol Colours:  LANDF

Pattern: N/V

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

Examples on ENC: N/V

References:

S57	INT 1	
PRDARE	E 35.1, 35.2	(E 35.1) 

Symbol Name:	SY(QUESMRK1)	RN: 204
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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

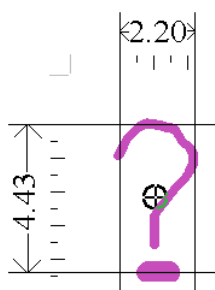
Called by CSP etc.: CSP LIGHTS06 Continuation A

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

Pattern: N/V

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

Examples on ENC: N/V

References:

S57	INT 1
Not specified	

Symbol Name:	SY(RACNSP01)	RN: 205
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Symbol Explanation: symbol indicating this object is radar conspicuous

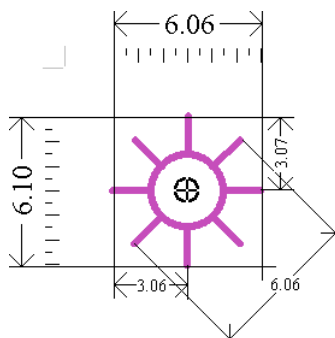
Look up table affected: line symbols

Pivot Point Column: 3.04

Pivot Point Row: 3.05

Width of Bounding Box: 6.06

Height of Bounding Box: 6.10



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(RADRFL03)	RN: 206
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Symbol Explanation: radar reflector

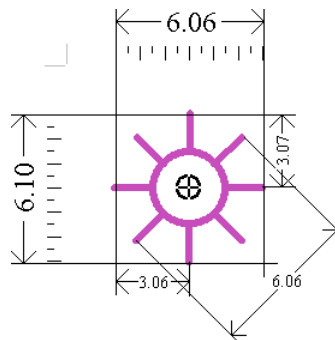
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.04

Pivot Point Row: 3.05

Width of Bounding Box: 6.06

Height of Bounding Box: 6.10



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 2.98mm

Examples on ENC: N/A

References:

S57	INT 1
RADRFL	Not specified

Symbol Name:	SY(RASCAN01)	RN: 207
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Symbol Explanation: radar scanner

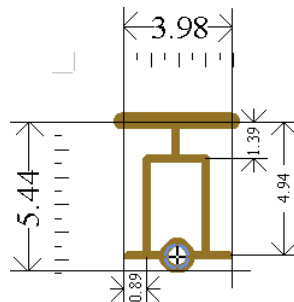
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.02

Pivot Point Row: 4.94

Width of Bounding Box: 3.98

Height of Bounding Box: 5.44



Symbol Colours: LANDF

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

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 30.3	 Radar Sc

Symbol Name:	SY(RASCAN11)	RN: 208
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Symbol Explanation: conspicuous radar scanner

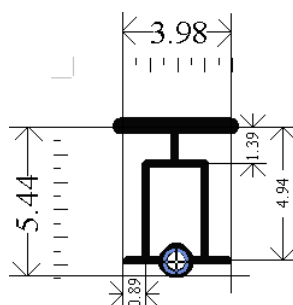
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.07

Pivot Point Row: 4.92

Width of Bounding Box: 3.98

Height of Bounding Box: 5.44



Symbol Colours: CHBLK

Comments: Line weight 0.6mm; 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)
		

Symbol Name:	SY(RCLDEF01)	RN: 209
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Symbol Explanation: radio calling-in point whose direction is not known

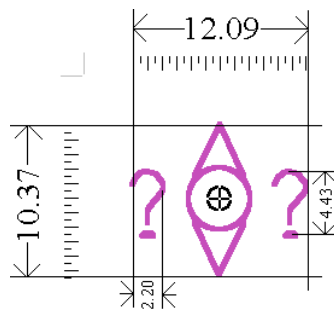
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 6.07

Pivot Point Row: 5.17

Width of Bounding Box: 12.09

Height of Bounding Box: 10.37



Symbol Colours: ■ CHMGD

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

Examples on ENC: N/A

References:

S57	INT 1	
RDOCAL	M 40	

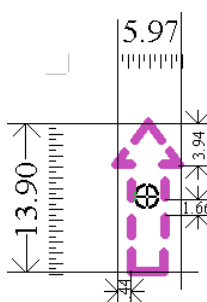
Symbol Name:	SY(RCTLPT52)	RN: 210
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Symbol Explanation: recommended traffic direction between parts of a traffic separation scheme, or for ships not needing a deep water route

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

Pivot Point Column: 2.97
Pivot Point Row: 6.94

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



Symbol Colours: TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

S57	INT 1
RCTLPT	not specified

Symbol Name:	SY(RDOCAL02)	RN: 211
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Symbol Explanation: radio calling-in point for traffic in one direction only

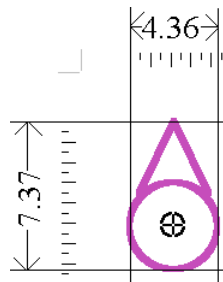
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 2.18

Pivot Point Row: 5.19

Width of Bounding Box: 4.36

Height of Bounding Box: 7.37



Symbol Colours:  TRFCD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm

Examples on ENC: N/A

References:

S57	INT 1	
RDOCAL	M 40	

Symbol Name:	SY(RDOCAL03)	RN: 212
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Symbol Explanation: radio calling-in point for traffic in both directions

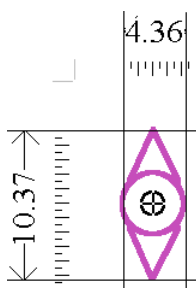
Look up table affected: line symbols
paper chart point symbols
simplified point symbols

Pivot Point Column: 2.18

Pivot Point Row: 5.19

Width of Bounding Box: 4.36

Height of Bounding Box: 10.37



Symbol Colours:  TRFCD

Comments: Line weight 0.3 mm; circle diameter 4.36 mm

Examples on ENC: N/A

References:

S57	INT 1	
RDOCAL	M 40	

Symbol Name:	SY(RDOSTA02)	RN: 213
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Symbol Explanation: radio station

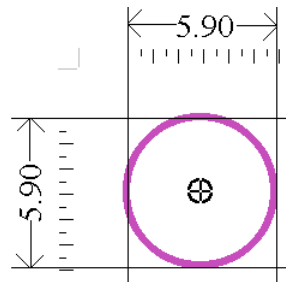
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.97

Pivot Point Row: 2.95

Width of Bounding Box: 5.90

Height of Bounding Box: 5.90



Symbol Colours:  CHMGD

Comments: Line weight 0.3 mm; circle diameter 5.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
RADSTA	M 30; S 1	(M 30) ⊗ Radar Surveillance Station
RDOSTA	S 10-16	(S 10) ⊗ Name RC

Symbol Name:	SY(RECDEF51)	RN: 214
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Symbol Explanation: recommended track as an area, direction not defined in data

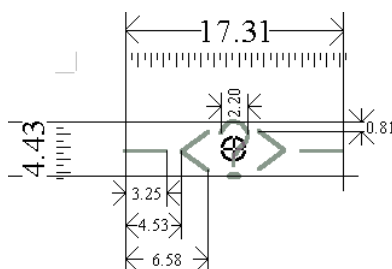
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.74

Pivot Point Row: 2.34

Width of Bounding Box: 17.31

Height of Bounding Box: 4.43



Symbol Colours: CHGRD

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

Examples on ENC: N/A

References:

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

Symbol Name:	SY(RECTRC55)	RN: 215
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Symbol Explanation: recommended two-way track as an area, not based on fixed marks

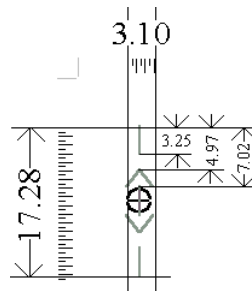
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.53

Pivot Point Row: 8.62

Width of Bounding Box: 3.10

Height of Bounding Box: 17.28



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 4, 5.2, 6, 32.2	(M 4) ---<--- 090.5°-270.5° --- -----<--- ---

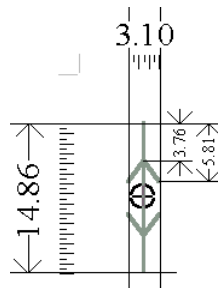
Symbol Name:	SY(RECTRC56)	RN: 216
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Symbol Explanation: recommended two-way track as an area, based on fixed marks

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

Pivot Point Column: 1.52
Pivot Point Row: 7.45

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



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 3, 5.2, 6; P 20.1, 20.2, 30.2	(M 3) <u>2 Bns ∇ 090,5° 270,5°</u>

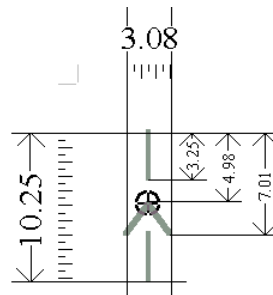
Symbol Name:	SY(RECTRC57)	RN: 217
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Symbol Explanation: recommended one-way track as an area, not based on fixed marks

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

Pivot Point Column: 1.56
Pivot Point Row: 4.95

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



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 5.1	

Symbol Name:	SY(RECTRC58)	RN: 218
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Symbol Explanation: recommended one-way track as an area, based on fixed marks

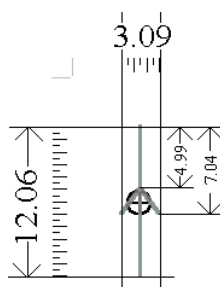
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.57

Pivot Point Row: 6.21

Width of Bounding Box: 3.09

Height of Bounding Box: 12.06



Symbol Colours:  CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 5.1	

Symbol Name:	SY(RETRFL01)	RN: 220
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Symbol Explanation: retro reflector, paper chart

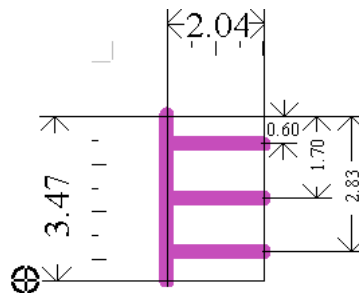
Look up table affected: paper chart point symbols

Pivot Point Column: -3.02

Pivot Point Row: 3.45

Width of Bounding Box: 2.04

Height of Bounding Box: 3.47



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RETRFL	not specified

Symbol Name:	SY(RETRFL02)	RN: 221
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Symbol Explanation: retro reflector, simplified

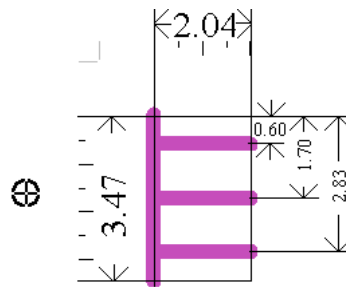
Look up table affected: simplified point symbols

Pivot Point Column: -2.79

Pivot Point Row: 1.66

Width of Bounding Box: 2.04

Height of Bounding Box: 3.47



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RETRFL	not specified

Symbol Name:	SY(RFNERY01)	RN: 222
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Symbol Explanation: refinery

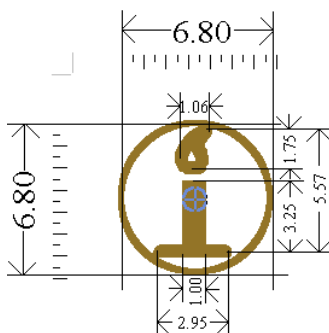
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.41

Pivot Point Row: 3.53

Width of Bounding Box: 6.80

Height of Bounding Box: 6.80



Symbol Colours:



LANDF

Comments:

Circle line weight 0.3 mm; circle diameter 6.8 mm
Flame and lower bar line weight 0.3 mm
Vertical bar line weight 0.9 mm

Examples on ENC:

N/A

References:

S57	INT 1
PRDARE	G 87

Symbol Name:	SY(RFNERY11)	RN: 223
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Symbol Explanation: conspicuous refinery

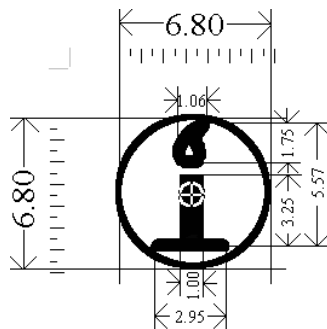
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.32

Pivot Point Row: 3.58

Width of Bounding Box: 6.80

Height of Bounding Box: 6.80



Symbol Colours: CHBLK

Comments: Circle line weight 0.6 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

Symbol Name:	SY(ROLROL01)	RN: 224
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Symbol Explanation: RoRo terminal

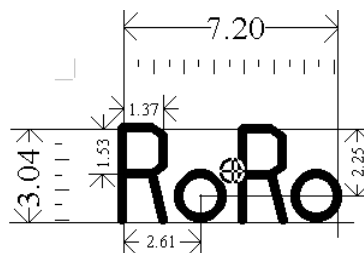
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.67

Pivot Point Row: 1.42

Width of Bounding Box: 7.20

Height of Bounding Box: 3.04



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm; circle diameter 1.48 mm

Examples on ENC: N/A

References:

S57	INT 1	
HRBFAC	F 50	RoRo

Symbol Name:	SY(RSCSTA02)	RN: 225
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Symbol Explanation: rescue station

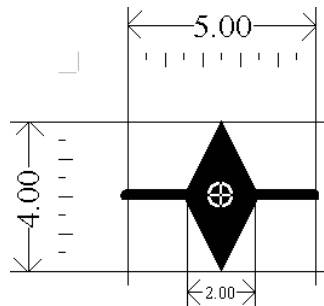
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 2.51

Pivot Point Row: 2.00

Width of Bounding Box: 5.00

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(RSRDEF51)	RN: 226
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Symbol Explanation: area in which undefined restrictions exist

Look up table affected: N/A

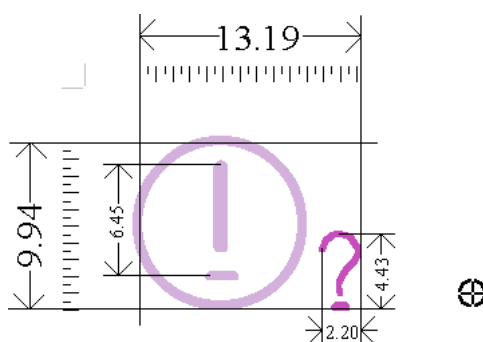
Called by CSP etc.: CSP RESARE04,
CSP RESARE04 Continuation E,
CSP RESCSP02

Pivot Point Column: 19.79

Pivot Point Row: 8.84

Width of Bounding Box: 13.19

Height of Bounding Box: 9.94



Symbol Colours:



Comments: Line weight 0.6 mm; circle diameter 9.94 mm;
Other symbol dimensions like SY(CTNARE51)

Examples on ENC: N/A

References:

S57	INT 1
RESARE	N 2.1

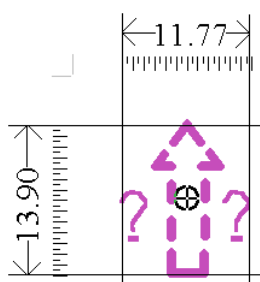
Symbol Name:	SY(RTLDEF51)	RN: 227
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Symbol Explanation: recommended route between parts of a traffic separation scheme, or for ships not needing a deep water route, with the direction not specified in the data

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

Pivot Point Column: 6.18
Pivot Point Row: 6.94

Width of Bounding Box: 11.77
Height of Bounding Box: 13.90



Symbol Colours:



TRFCD

CHMGD

Comments: Line weight 0.9 mm
Question mark line weight 0.3 mm; dot line weight 0.6 mm
“Arrow” dimension like RCTLPT52
“Question mark” dimension like QUESMRK1

Examples on ENC: N/A

References:

S57	INT 1
RCTLPT	not specified

Symbol Name:	SY(RTPBCN02)	RN: 228
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Symbol Explanation: radar transponder beacon

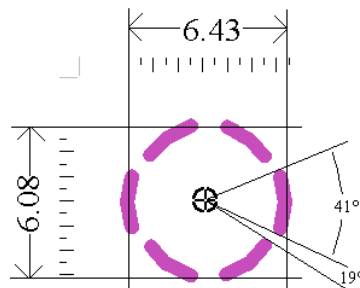
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 3.21

Pivot Point Row: 3.04

Width of Bounding Box: 6.43

Height of Bounding Box: 6.08



Symbol Colours: CHMGD

Comments: Line weight 0.6 mm; circle diameter 6.08 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(SAFCON00)	RN: 528
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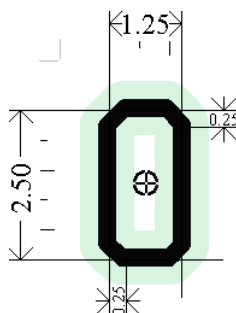
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON01)	RN: 529
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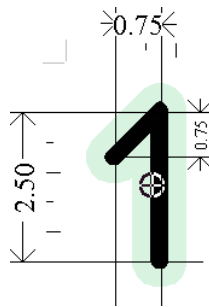
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON02)	RN: 530
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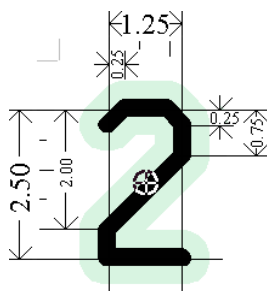
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON03)	RN: 531
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Symbol Explanation: contour label

Look up table affected: N/A

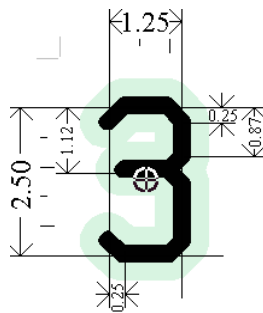
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.65

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

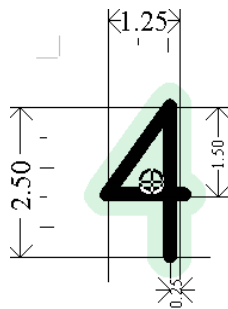
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON04)	RN: 532
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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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON05)	RN: 533
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Symbol Explanation: contour label

Look up table affected: N/A

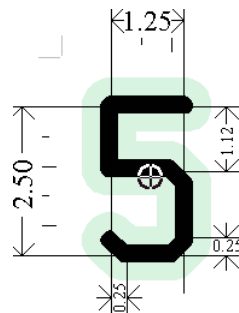
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 0.69

Pivot Point Row: 1.20

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON06)	RN: 534
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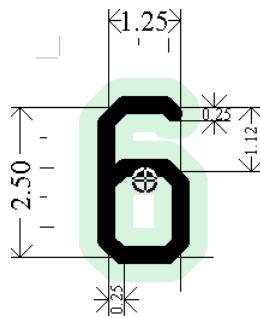
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON07)	RN: 535
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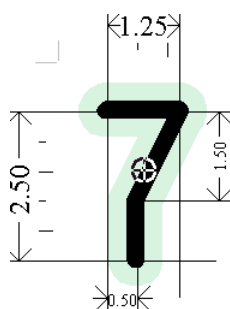
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON08)	RN: 536
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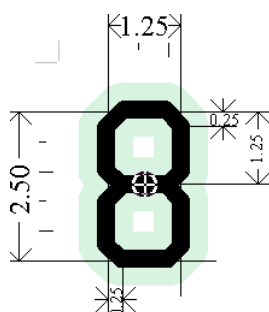
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON09)	RN: 537
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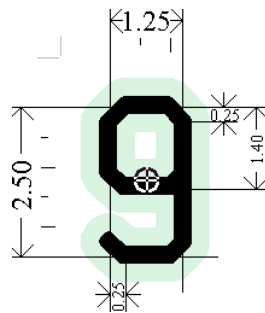
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON10)	RN: 538
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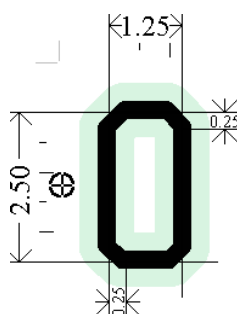
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON11)	RN: 539
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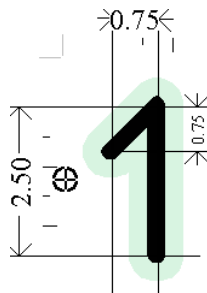
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75
Pivot Point Row: 1.25

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON12)	RN: 540
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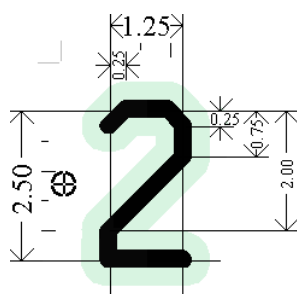
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON13)	RN: 541
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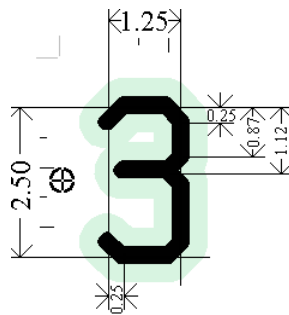
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON14)	RN: 542
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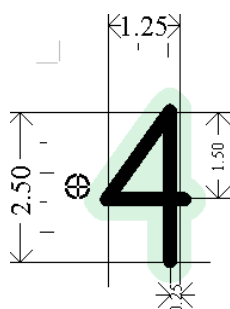
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON15)	RN: 543
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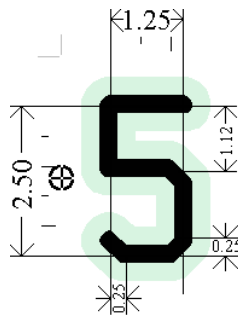
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON16)	RN: 544
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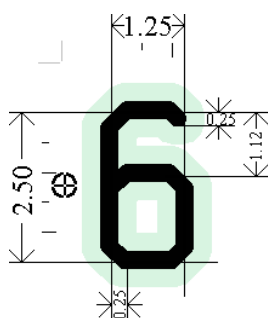
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON17)	RN: 545
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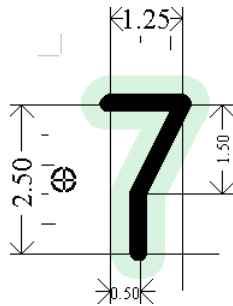
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -0.75
Pivot Point Row: 1.00

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours : DEPDW
 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON18)	RN: 546
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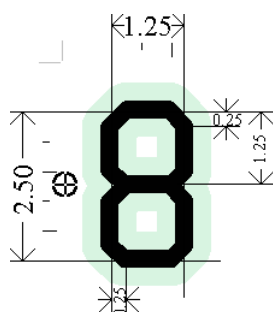
Symbol Explanation : contour label

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 :



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

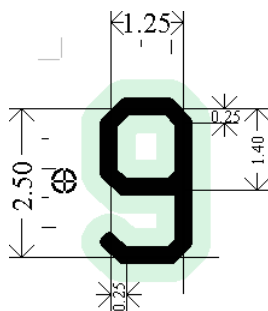
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON19)	RN: 547
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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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON20)	RN: 548
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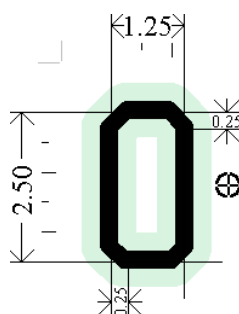
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON21)	RN: 549
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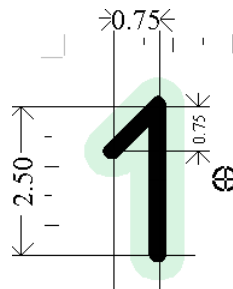
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.80
Pivot Point Row: 1.24

Width of Bounding Box: 0.75
Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON22)	RN: 550
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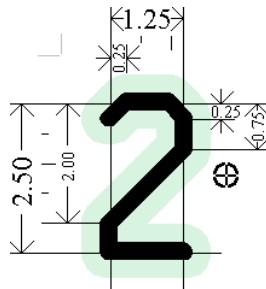
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON23)	RN: 551
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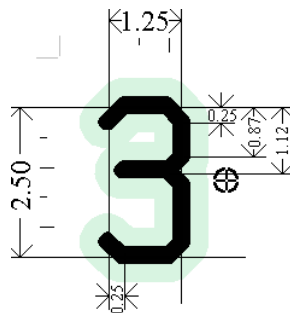
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON24)	RN: 552
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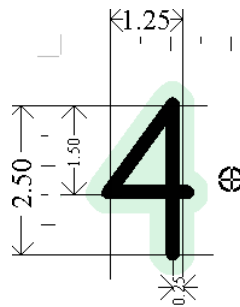
Symbol Explanation: contour label

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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON25)	RN: 553
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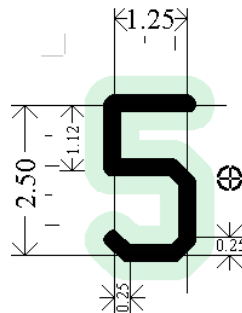
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON26)	RN: 554
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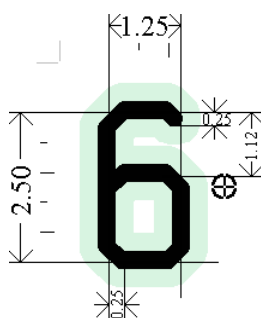
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON27)	RN: 555
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Symbol Explanation : contour label

Look up table affected: N/A

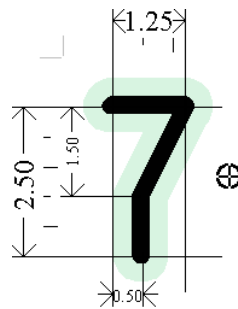
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.98

Pivot Point Row: 1.18

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours :

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON28)	RN: 556
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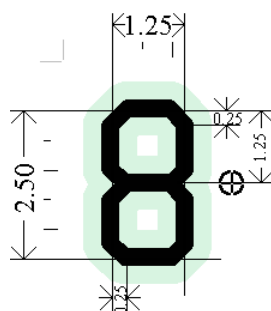
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: 1.96
Pivot Point Row: 1.25

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON29)	RN: 557
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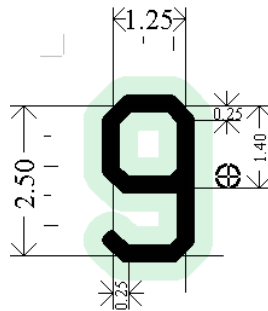
Symbol Explanation : contour label

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 :



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON50)	RN: 558
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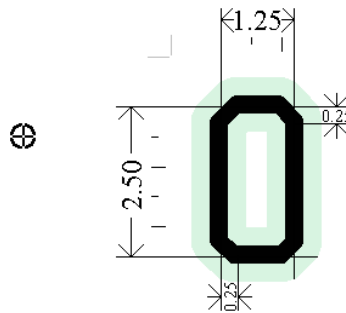
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours :

DEPDW

SNDG2

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

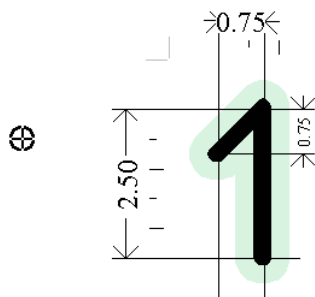
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON51)	RN: 559
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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:



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)
DRGARE	not specified	

Symbol Name:	SY(SAFCON52)	RN: 560
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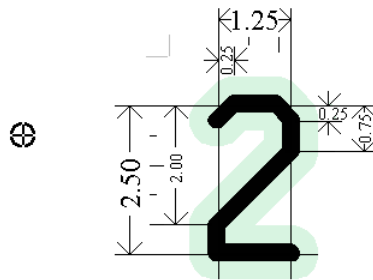
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours:

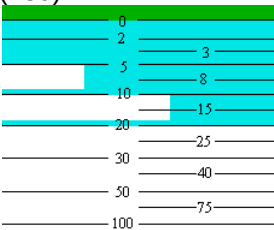
 DEPDW

 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON53)	RN: 561
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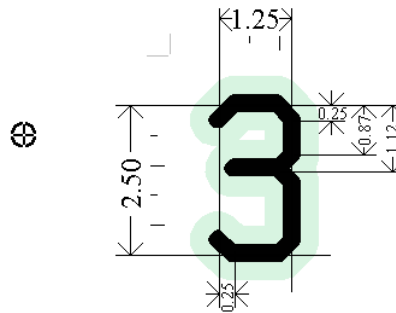
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



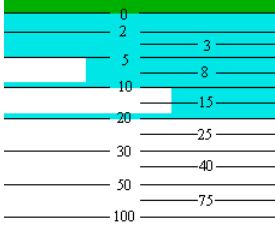
Symbol Colours :

	DEPDW
	SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON54)	RN: 562
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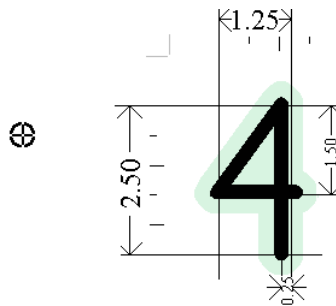
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50

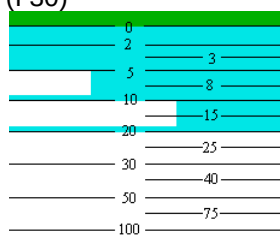


Symbol Colours : DEPDW
 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON55)	RN: 563
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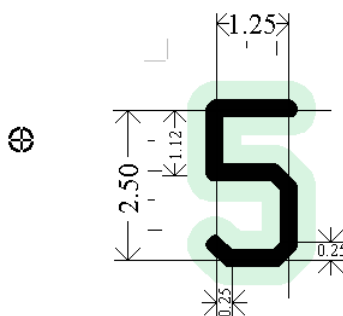
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



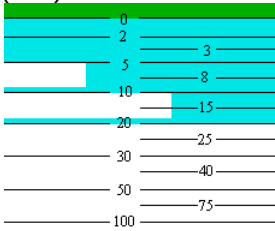
Symbol Colours :

	DEPDW
	SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON56)	RN: 564
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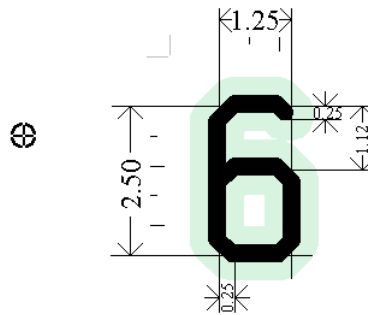
Symbol Explanation : contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours :

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON57)	RN: 565
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Symbol Explanation: contour label

Look up table affected: N/A

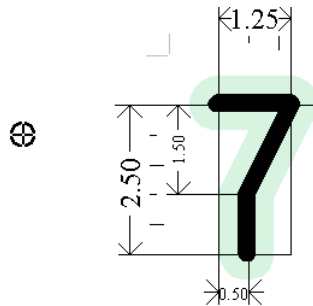
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

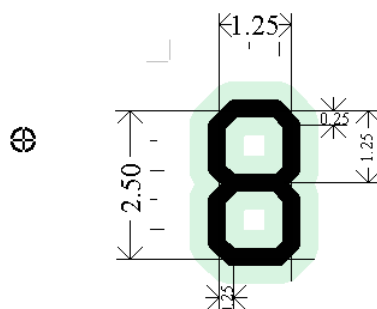
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON58)	RN: 566
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Symbol Explanation: contour label
 Look up table affected: N/A
 Called by CSP etc.: CSP SAFCON01
 Pivot Point Column: -3.25
 Pivot Point Row: 0.50
 Width of Bounding Box: 1.25
 Height of Bounding Box: 2.50



Symbol Colours: DEPDW
 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON59)	RN: 567
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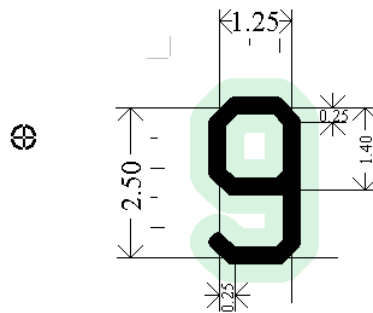
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -3.25
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

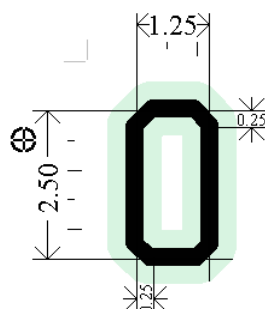
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON60)	RN: 568
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Symbol Explanation: contour label
 Look up table affected: N/A
 Called by CSP etc.: CSP SAFCON01
 Pivot Point Column: -1.85
 Pivot Point Row: 0.50
 Width of Bounding Box: 1.25
 Height of Bounding Box: 2.50



Symbol Colours: DEPDW
 SNDG2

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

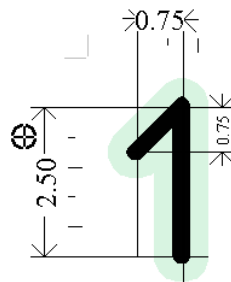
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON61)	RN: 569
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Symbol Explanation: contour label
 Look up table affected: N/A
 Called by CSP etc.: CSP SAFCON01
 Pivot Point Column: -1.85
 Pivot Point Row: 0.50
 Width of Bounding Box: 0.75
 Height of Bounding Box: 2.50



Symbol Colours: DEPDW
 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON62)	RN: 570
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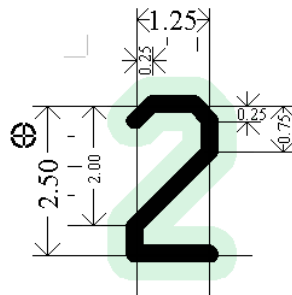
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON63)	RN: 571
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Symbol Explanation: contour label

Look up table affected: N/A

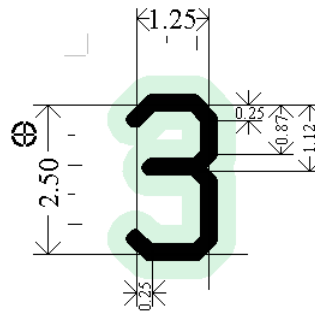
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON64)	RN: 572
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Symbol Explanation: contour label

Look up table affected: N/A

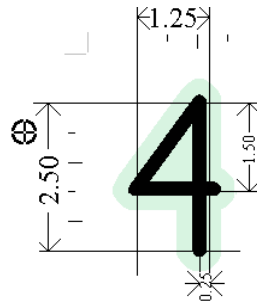
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON65)	RN: 573
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Symbol Explanation: contour label

Look up table affected: N/A

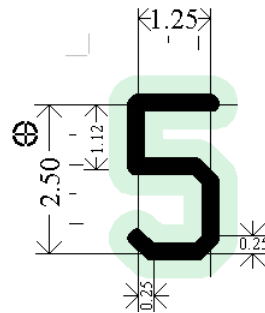
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON66)	RN: 574
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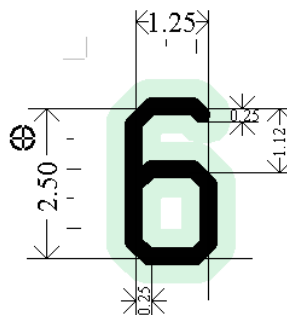
Symbol Explanation: contour label

Look up table affected: N/A

Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85
Pivot Point Row: 0.50

Width of Bounding Box: 1.25
Height of Bounding Box: 2.50



Symbol Colours:

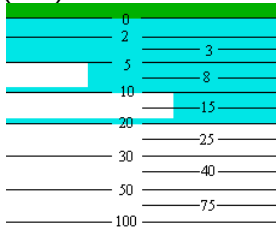
 DEPDW

 SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON67)	RN: 575
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Symbol Explanation: contour label

Look up table affected: N/A

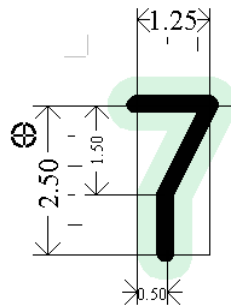
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON68)	RN: 576
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Symbol Explanation: contour label

Look up table affected: N/A

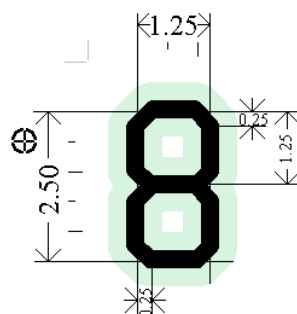
Called by CSP etc.: CSP SAFCON01

Pivot Point Column: -1.85

Pivot Point Row: 0.50

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

DEPDW

SNDG2

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

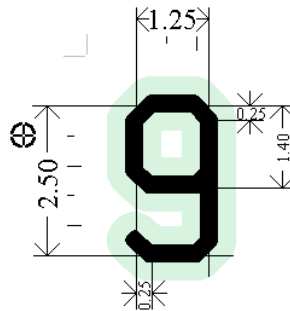
Examples on ENC N/A

References:

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

Symbol Name:	SY(SAFCON69)	RN: 577
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Symbol Explanation: contour label
 Look up table affected: N/A
 Called by CSP etc.: CSP SAFCON01
 Pivot Point Column: -1.85
 Pivot Point Row: 0.50
 Width of Bounding Box: 1.25
 Height of Bounding Box: 2.50



Symbol Colours: DEPDW
 SNDG2

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

Examples on ENC N/A

References:

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

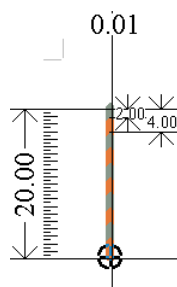
Symbol Name:	SY(SCALEB10)	RN: 229
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Symbol Explanation: one mile scale bar for display scales larger than 1/80,000

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:



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
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Symbol Name:	SY(SCALEB11)	RN: 230
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Symbol Explanation: 10 mile latitude scale for display scales smaller than 1/80,000

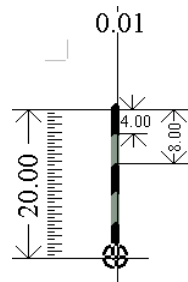
Look up table affected: N/A

Pivot Point Column: 0.00

Pivot Point Row: 20.00

Width of Bounding Box: 0.01

Height of Bounding Box: 20.00



Symbol Colours:



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
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Symbol Name:	SY(SILBUI01)	RN: 231
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Symbol Explanation: silo

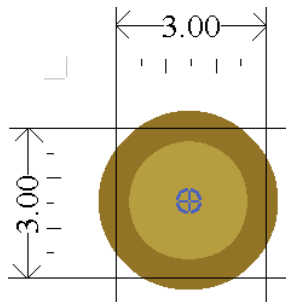
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 1.50

Width of Bounding Box: 3.00

Height of Bounding Box: 3.00



Symbol Colours:



Comments: Outline weight 0.3mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
SILTNK	E 33	 Silo  Silo

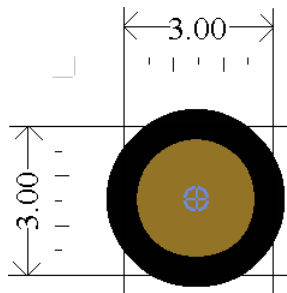
Symbol Name:	SY(SILBUI11)	RN: 232
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Symbol Explanation: conspicuous silo

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

Pivot Point Column: 1.50
Pivot Point Row: 1.50

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



Symbol Colours:

LANDF

CHBLK

Comments: Outline weight 0.6 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
SILTNK	E 2, 33	(E 33)

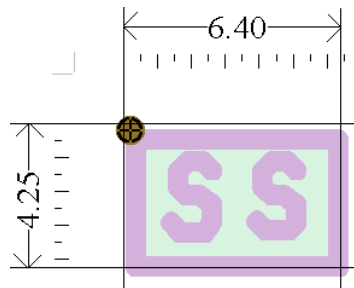
Symbol Name:	SY(SISTAT02)	RN: 233
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Symbol Explanation: signal station

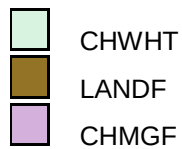
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 0.24
Pivot Point Row: 0.24

Width of Bounding Box: 6.40
Height of Bounding Box: 4.25



Symbol Colours:



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) ◊ SS (INT)
SISTAW	T 20, 26-36	(T 20) ◊ SS

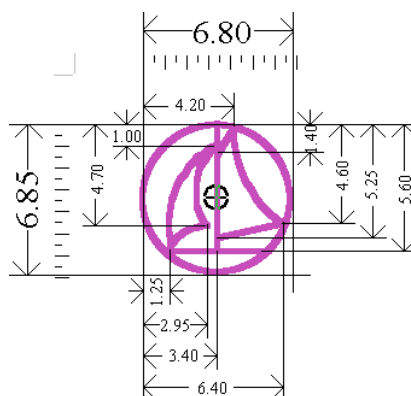
Symbol Name:	SY(SMCFAC02)	RN: 234
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Symbol Explanation: yacht harbour, marina

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

Pivot Point Column: 3.40
Pivot Point Row: 3.45

Width of Bounding Box: 6.80
Height of Bounding Box: 6.85



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 6.8 mm

Examples on ENC: N/A

References:

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

Symbol Name:	SY(SNDWAV02)	RN: 235
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Symbol Explanation: sand waves

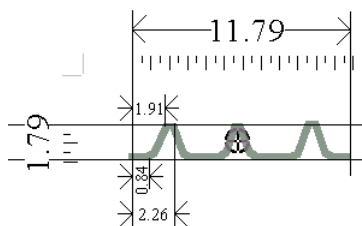
Look up table affected: line symbols paper chart point symbols
simplified point symbols

Pivot Point Column: 5.80

Pivot Point Row: 1.01

Width of Bounding Box: 11.79

Height of Bounding Box: 1.79



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
SNDWAV	J 14	

Symbol Name:	SY(SOUNDG00)	RN: 236
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Symbol Explanation: deep soundings, greater than safety depth

Look up table affected: N/A

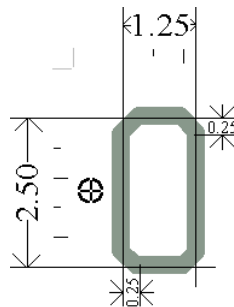
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

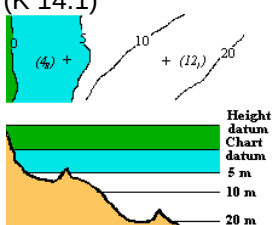


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG01)	RN: 237
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

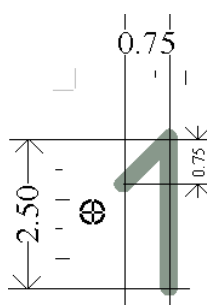
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

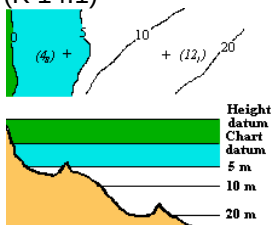


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG02)	RN: 238
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

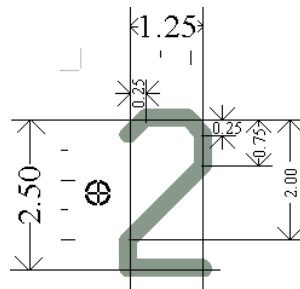
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

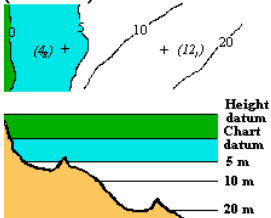


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG03)	RN: 239
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

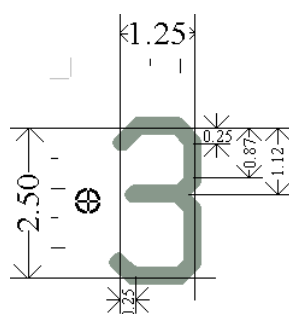
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50



Symbol Colours:

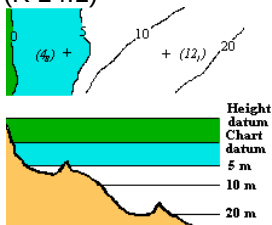


SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1)  Height datum Chart datum 5 m 10 m 20 m
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG04)	RN: 240
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

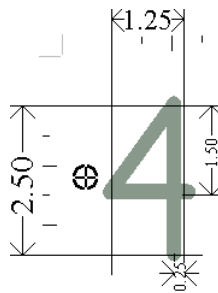
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

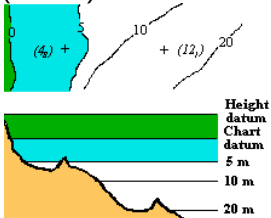


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG05)	RN: 241
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

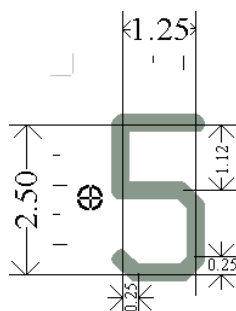
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

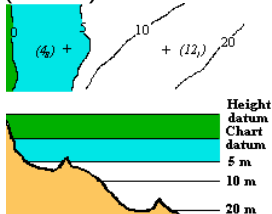


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG06)	RN: 242
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

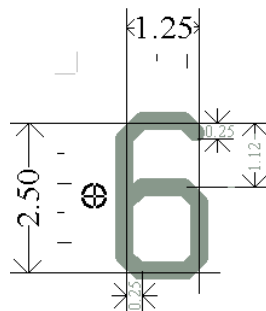
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

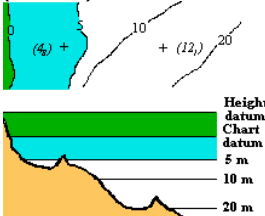


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG07)	RN: 243
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

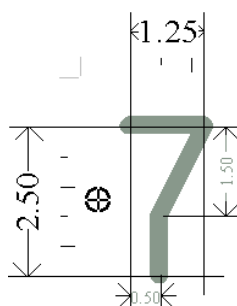
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1)   
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG08)	RN: 244
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

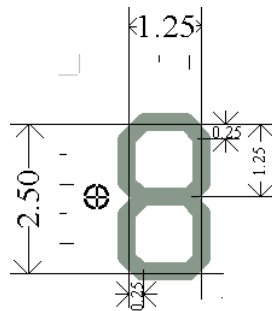
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

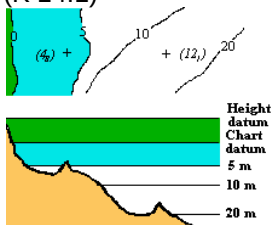


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG09)	RN: 245
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

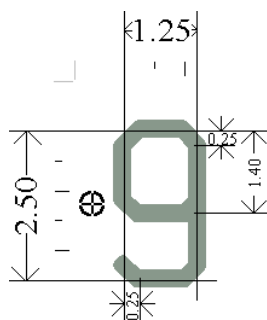
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -0.50

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

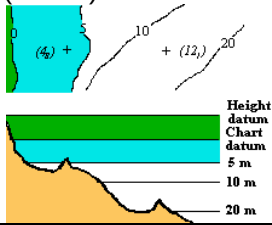


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG10)	RN: 246
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

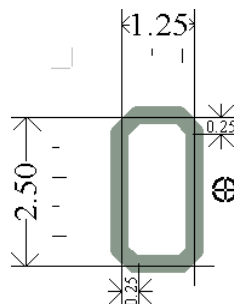
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

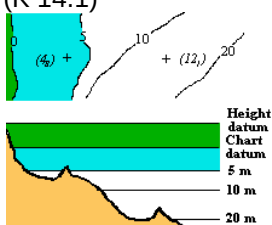


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG11)	RN: 247
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

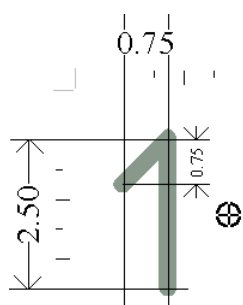
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

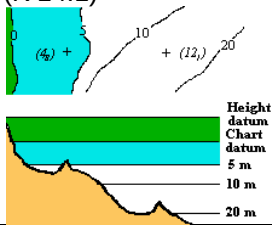


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG12)	RN: 248
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

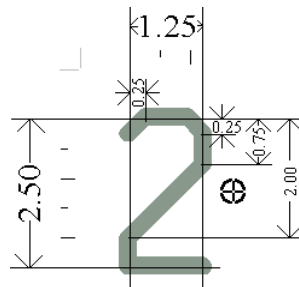
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

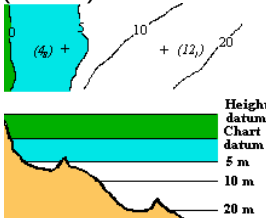


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG13)	RN: 249
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

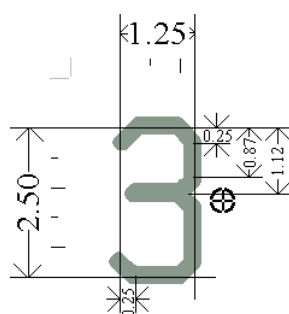
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

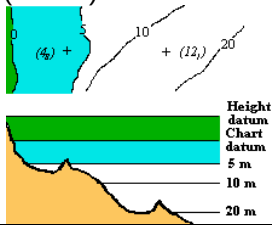
Comments:

Line weight 0.3 mm

Examples on ENC:

N/A

References:

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

Symbol Name:	SY(SOUNDG14)	RN: 250
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

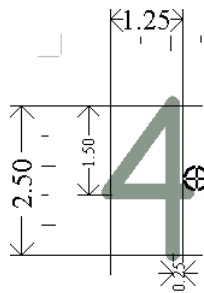
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

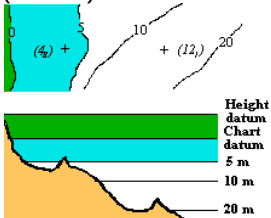


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG15)	RN: 251
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

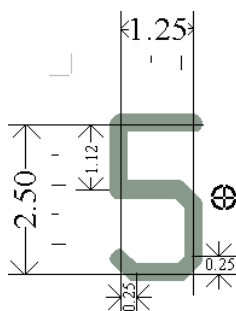
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

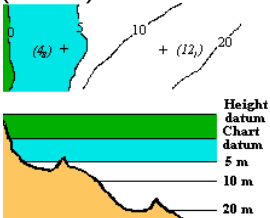


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG16)	RN: 252
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

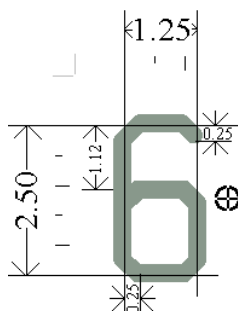
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

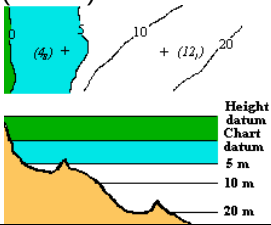


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG17)	RN: 253
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

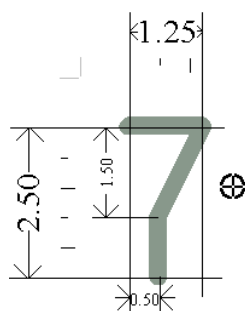
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

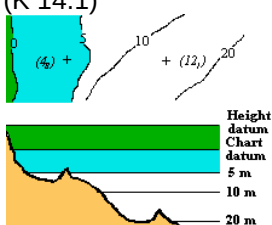


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG18)	RN: 254
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

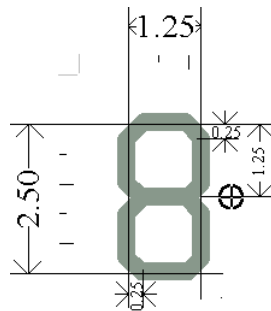
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

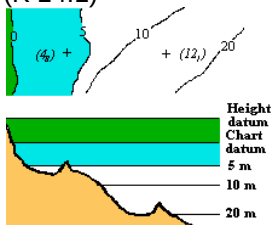


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG19)	RN: 255
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

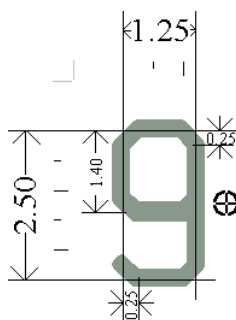
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

Pivot Point Column: 1.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

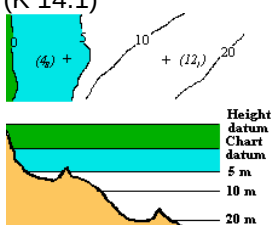


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG20)	RN: 256
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

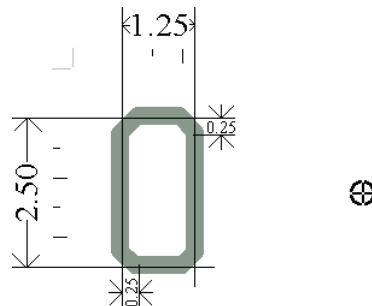
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

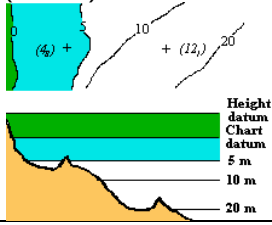


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG21)	RN: 257
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

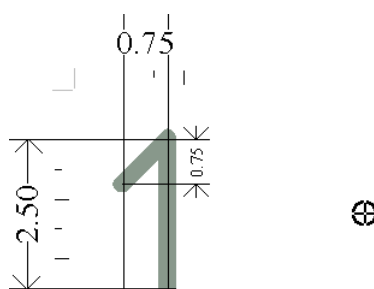
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

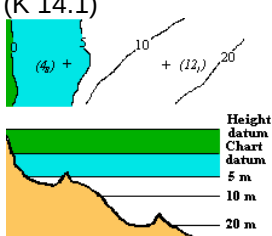


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG22)	RN: 258
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

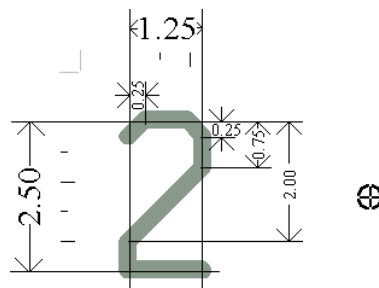
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

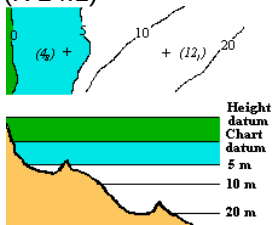


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG23)	RN: 259
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

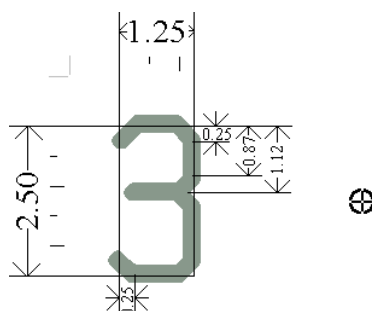
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

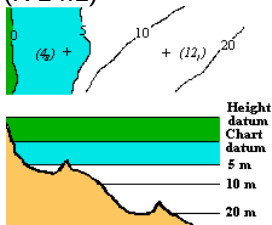


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG24)	RN: 260
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

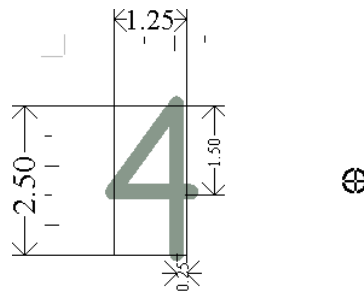
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

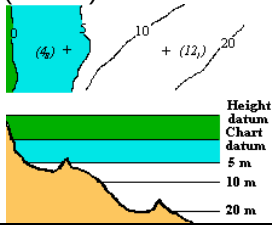


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG25)	RN: 261
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

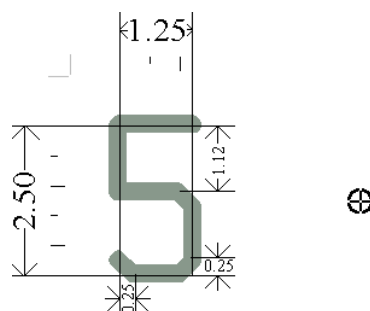
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

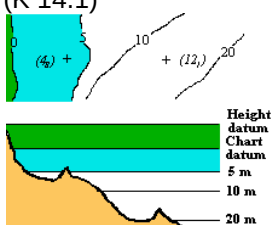


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG26)	RN: 262
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

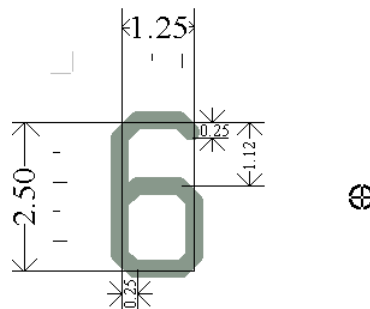
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

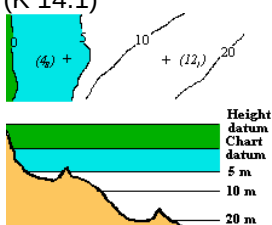


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG27)	RN: 263
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

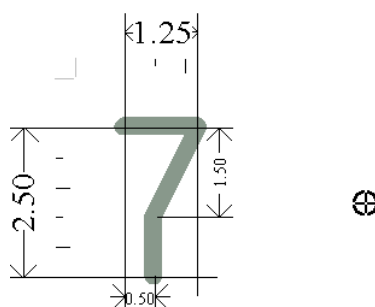
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

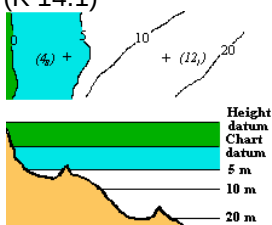


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG28)	RN: 264
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

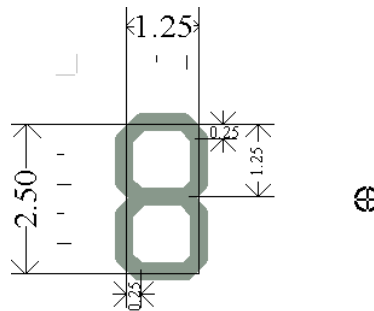
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

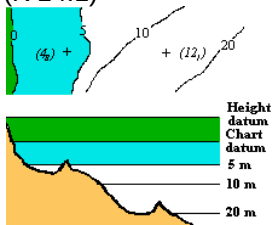


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG29)	RN: 265
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

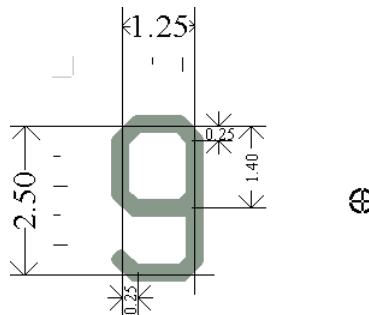
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: 4.00

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

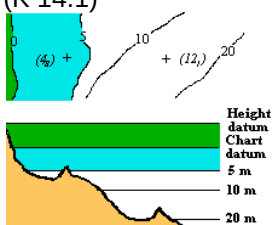


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG30)	RN: 266
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

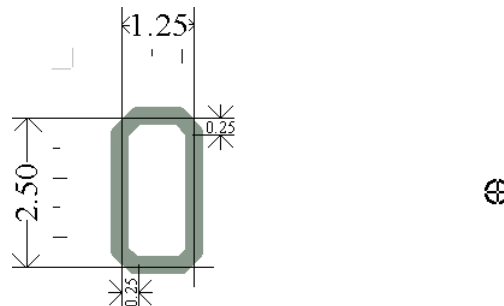
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

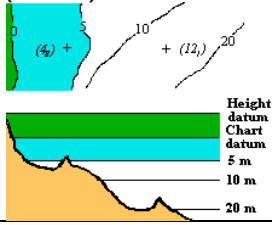


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG31)	RN: 267
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

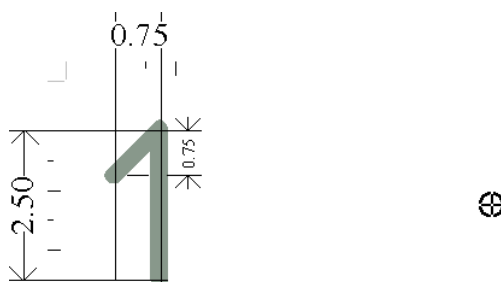
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

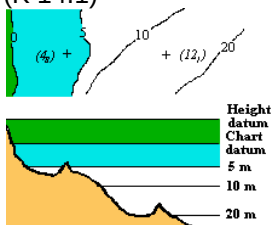


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG32)	RN: 268
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

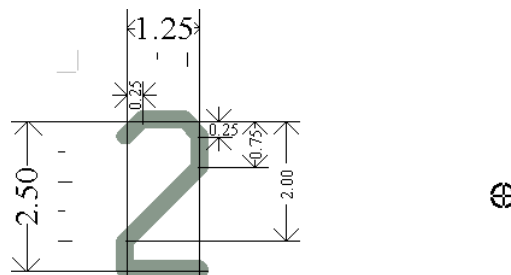
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

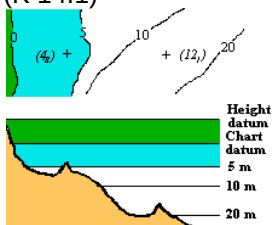


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG33)	RN: 269
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

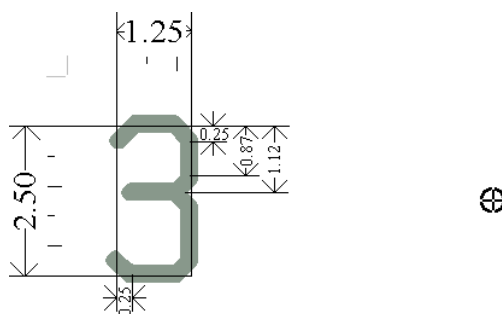
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

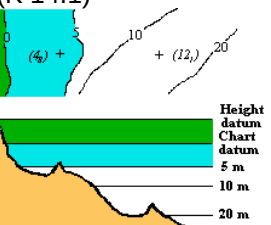


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG34)	RN: 270
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

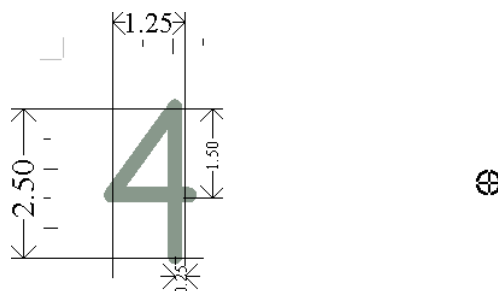
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

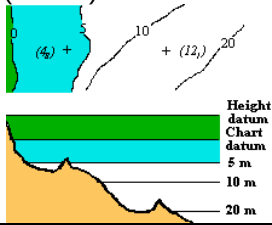


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG35)	RN: 271
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

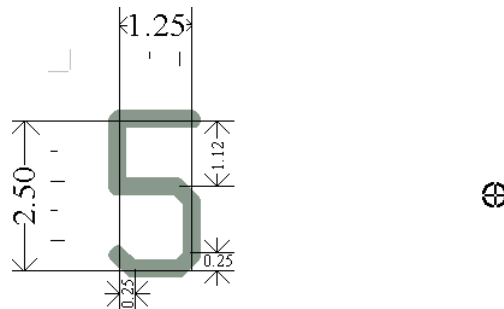
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

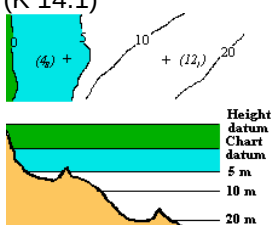


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG36)	RN: 272
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

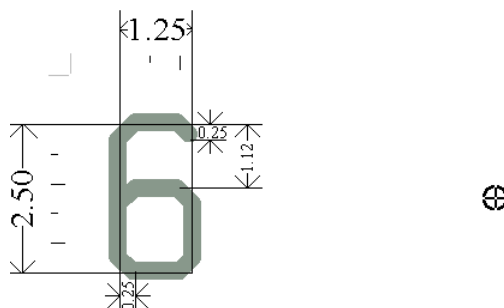
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

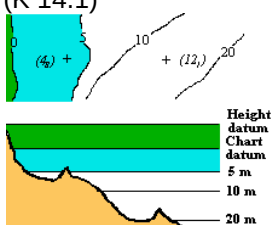


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG37)	RN: 273
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

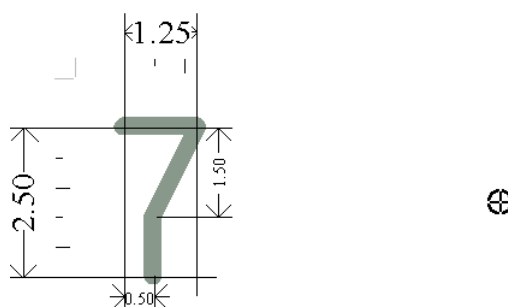
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

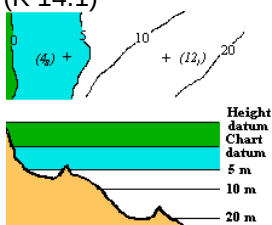


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG38)	RN: 274
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

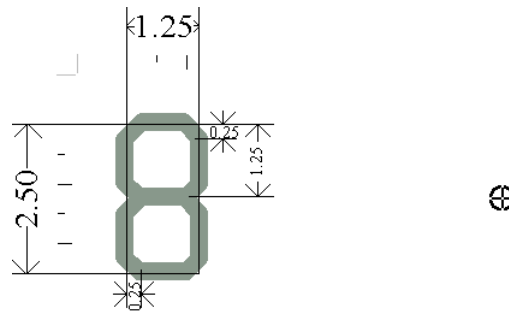
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

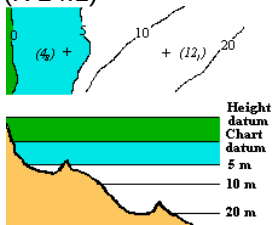


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG39)	RN: 275
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

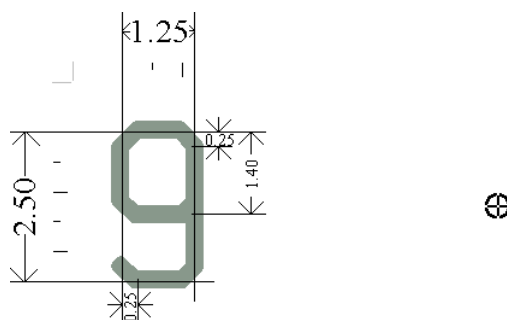
Called by CSP etc.: CSP SNDFRM04 Continuation C

Pivot Point Column: 6.25

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

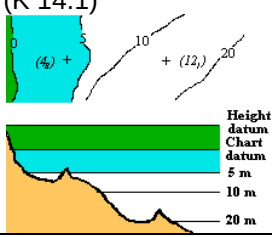


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG40)	RN: 276
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

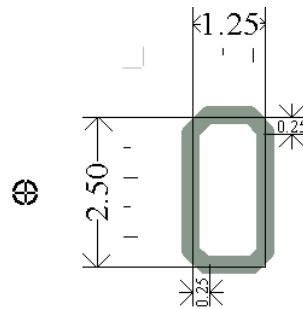
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

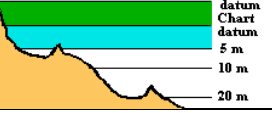


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1)  
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG41)	RN: 277
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

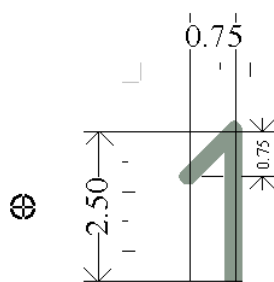
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

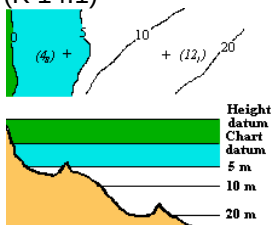


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG42)	RN: 278
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

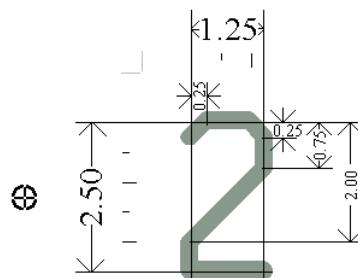
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

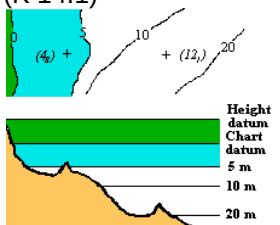


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG43)	RN: 279
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

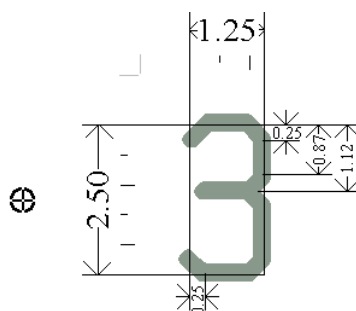
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

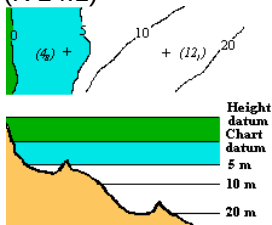


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG44)	RN: 280
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

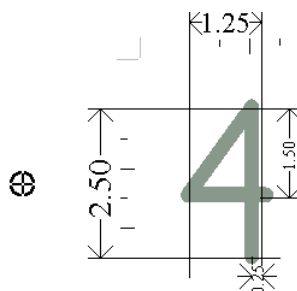
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

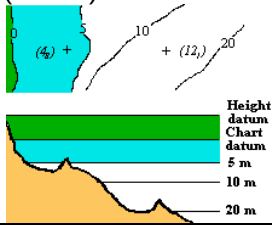


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)   
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG45)	RN: 281
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

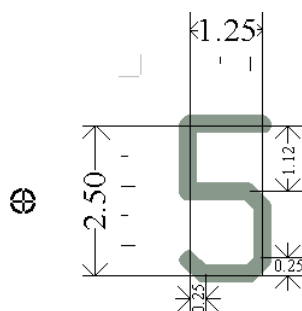
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

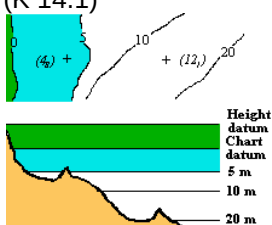


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG46)	RN: 282
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

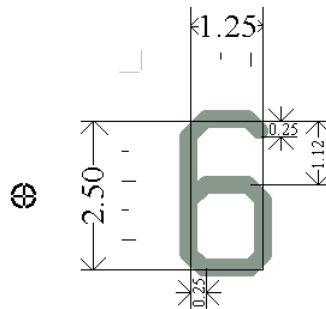
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

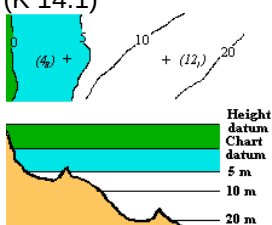


Symbol Colours:  SNDG1

Comments: Line weight 0.3 mm

Examples on ENC:

References:

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

Symbol Name:	SY(SOUNDG47)	RN: 283
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

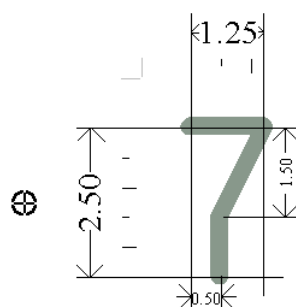
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

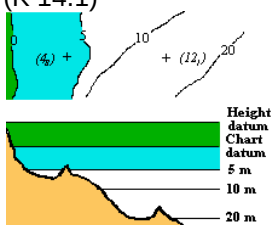


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG48)	RN: 284
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

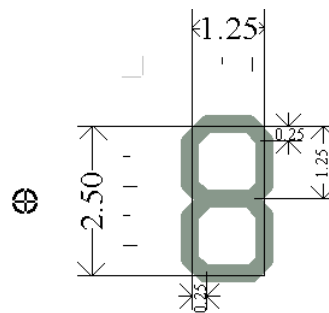
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

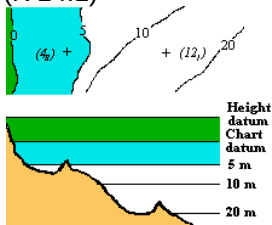


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG49)	RN: 285
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

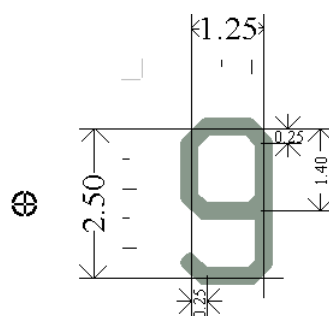
Called by CSP etc.: CSP SNDFRM04 Continuation B

Pivot Point Column: -2.75

Pivot Point Row: 1.25

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

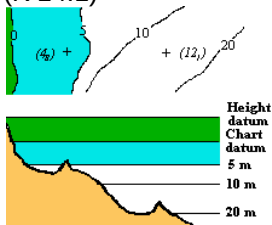


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG50)	RN: 286
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

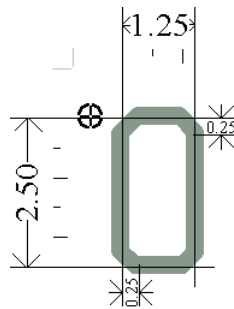
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

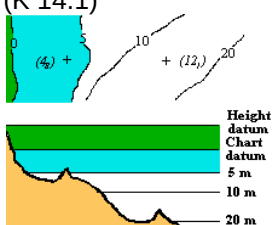


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG51)	RN: 287
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

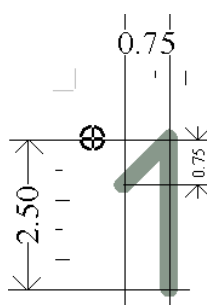
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 0.75

Height of Bounding Box: 2.50

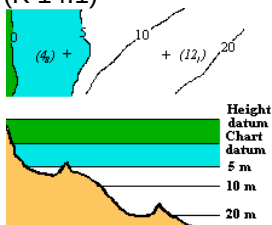


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG52)	RN: 288
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

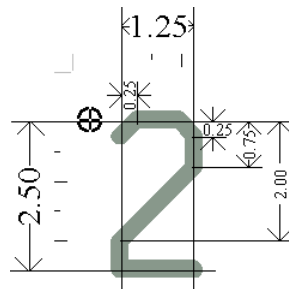
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

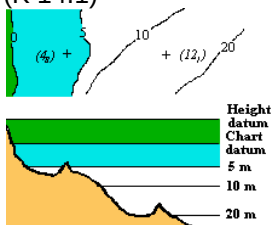


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG53)	RN: 289
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

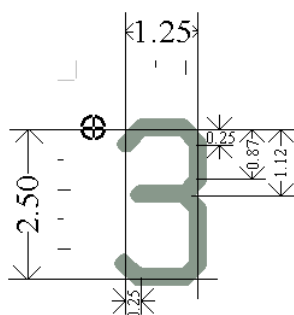
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

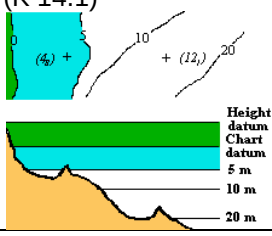


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG54)	RN: 290
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

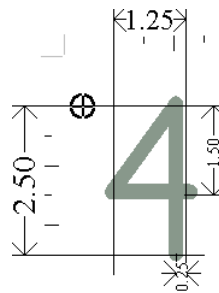
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

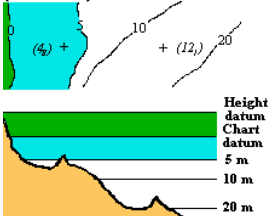


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG55)	RN: 291
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

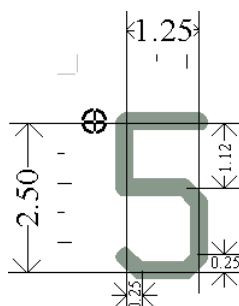
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

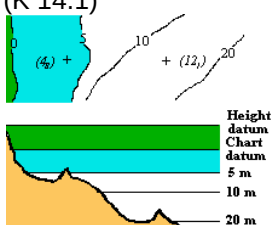


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG56)	RN: 292
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

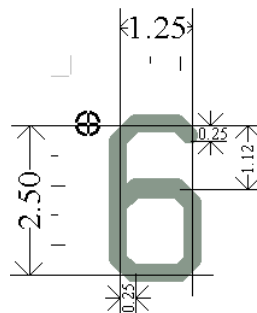
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

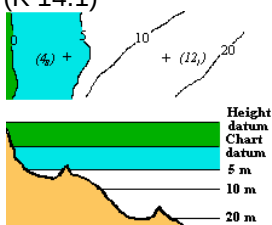


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG57)	RN: 293
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

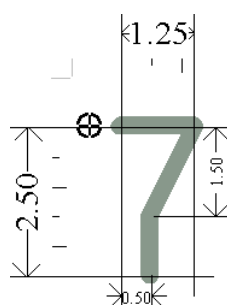
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

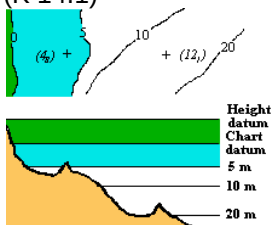


Symbol Colours:  SNDG1

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) 
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG58)	RN: 294
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

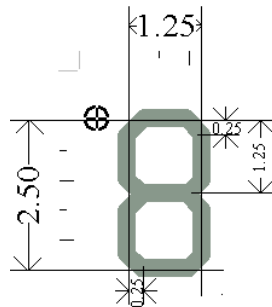
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

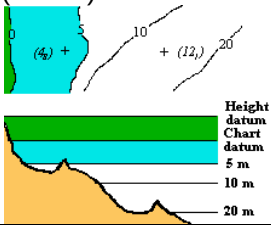


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1) 
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDG59)	RN: 295
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Symbol Explanation: for deep soundings, greater than safety depth

Look up table affected: N/A

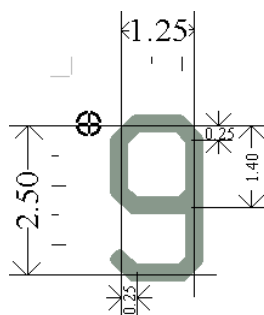
Called by CSP etc.: CSP SNDFRM04 Continuation A

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 1.25

Height of Bounding Box: 2.50

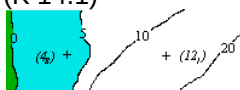


Symbol Colours:  SNDG1

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)  
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(K 41)  
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 14.1)   Height datum Chart datum 5 m 10 m 20 m
WRECKS	K 21, 22, 26, 27, 30	(K 26) 

Symbol Name:	SY(SOUNDGB1)	RN: 296
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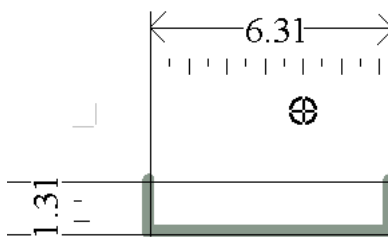
Symbol Explanation: symbol for swept sounding, used for deep soundings greater than safety depth

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
as applicable	K 2	
OBSTRN	K 42	 <i>Obstrn</i>  <i>Obstrn</i>
WRECKS	K 27	 <i>Wck</i>  <i>Wck</i>

Symbol Name:	SY(SOUNDGC2)	RN: 298
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Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

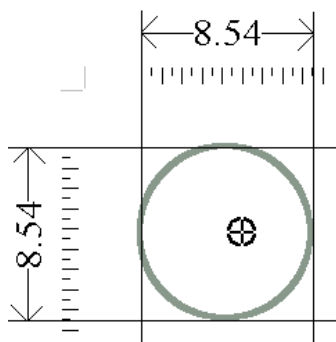
Called by CSP etc.: CSP SNDFRM04

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

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) <i>FD</i>
OBSTRN	I 2	(I 2) <i>SD</i>
SOUNDG	I 2, 4, 13, 14	(I 14) 12 97

Symbol Name:	SY(SOUNDS00)	RN: 299
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

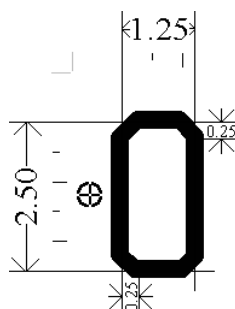
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  <i>Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  <i>Wk</i>

Symbol Name:	SY(SOUNDS01)	RN: 300
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

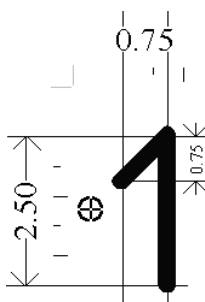
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS02)	RN: 301
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

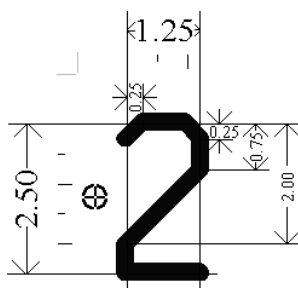
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS03)	RN: 302
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

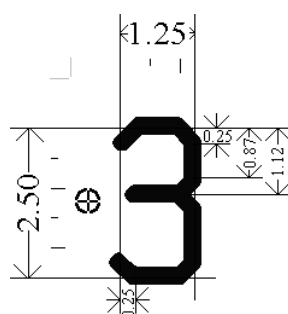
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS04)	RN: 303
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

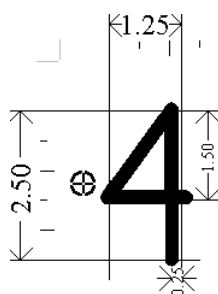
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>I 2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS05)	RN: 304
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

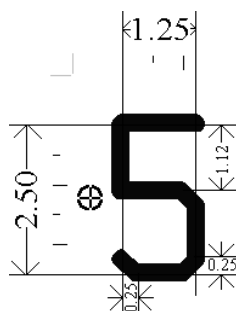
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS06)	RN: 305
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

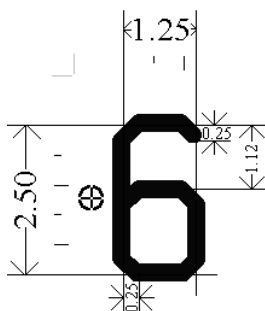
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS07)	RN: 306
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

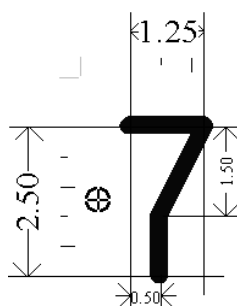
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>I 2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> <i>R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS08)	RN: 307
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

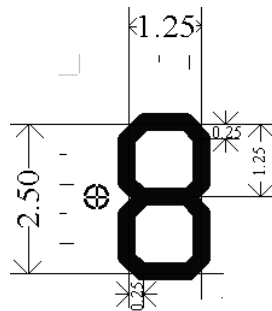
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS09)	RN: 308
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

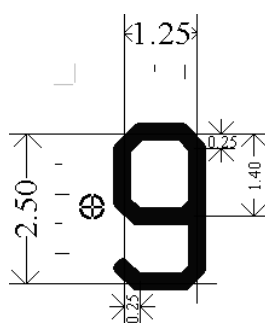
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS10)	RN: 309
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

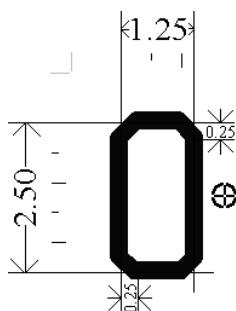
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  <i>Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  <i>Wk</i>

Symbol Name:	SY(SOUNDS11)	RN: 310
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

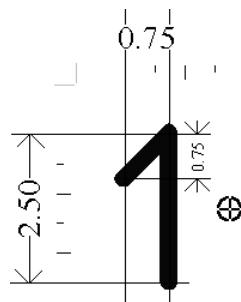
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(2.5) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(2.5) Wk</i>

Symbol Name:	SY(SOUNDS12)	RN: 311
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

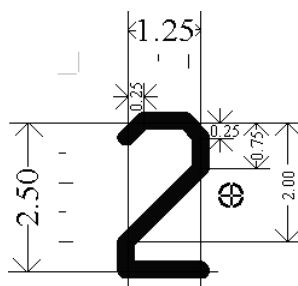
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS13)	RN: 312
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

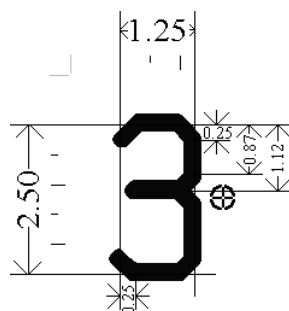
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS14)	RN: 313
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

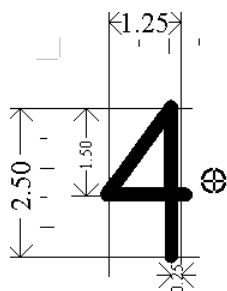
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS15)	RN: 314
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

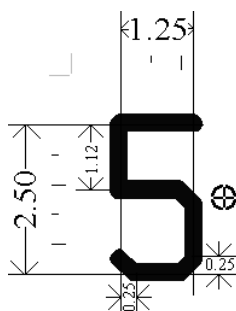
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS16)	RN: 315
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

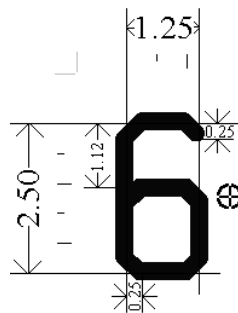
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS17)	RN: 316
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

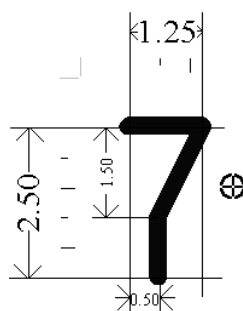
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS18)	RN: 317
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

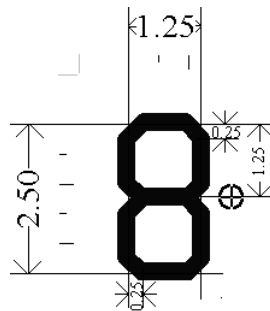
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS19)	RN: 318
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

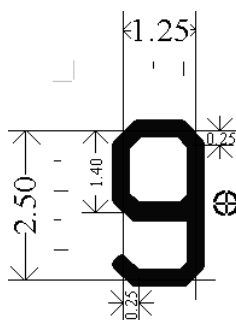
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS20)	RN: 319
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

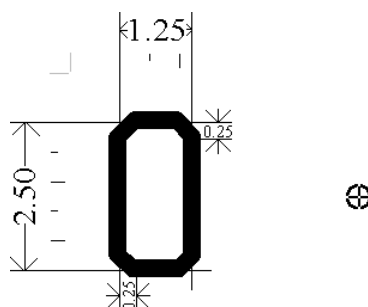
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>I 2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> <i>R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS21)	RN: 320
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

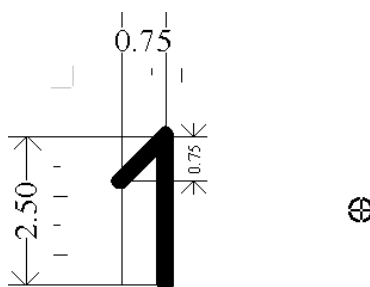
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS22)	RN: 321
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

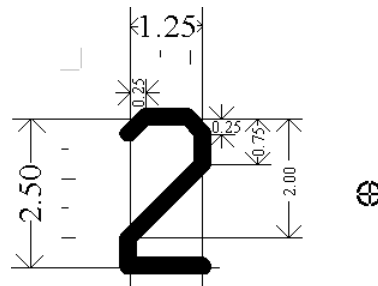
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS23)	RN: 322
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

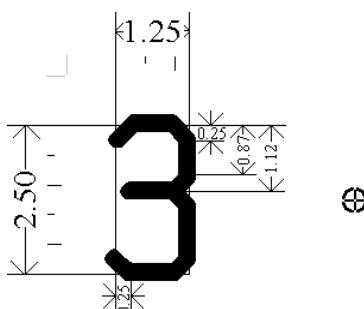
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS24)	RN: 323
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

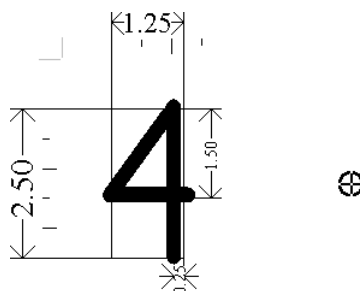
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS25)	RN: 324
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

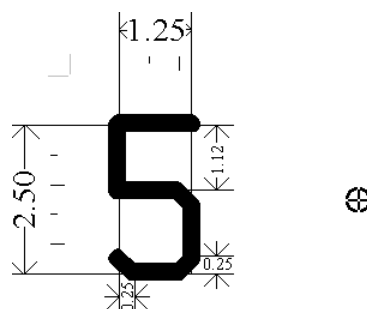
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>I 2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> <i>R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS26)	RN: 325
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

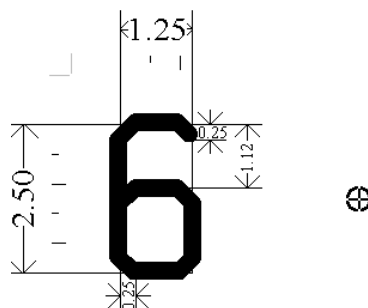
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  <i>Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  <i>Wk</i>

Symbol Name:	SY(SOUNDS27)	RN: 326
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

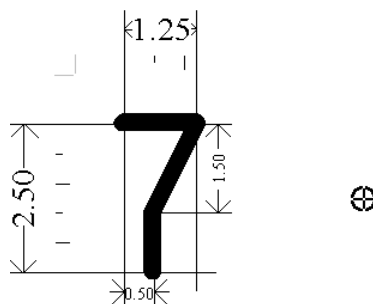
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS28)	RN: 327
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

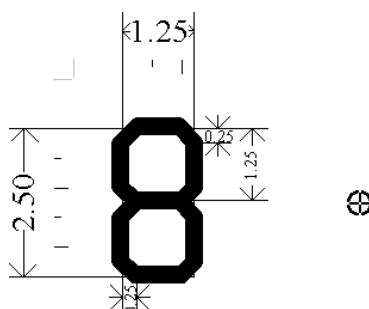
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)

Symbol Name:	SY(SOUNDS29)	RN: 328
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

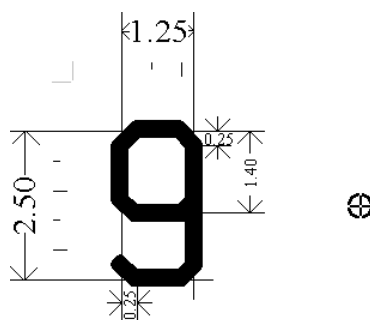
Called by CSP etc.: CSP SNDFRM04 Continuation A, B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS30)	RN: 329
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

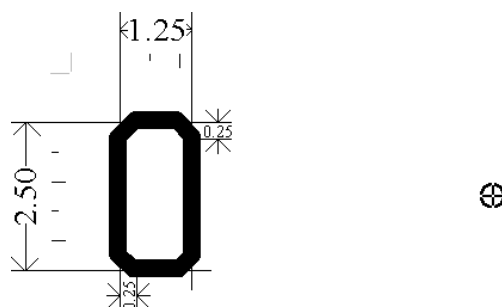
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS31)	RN: 330
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

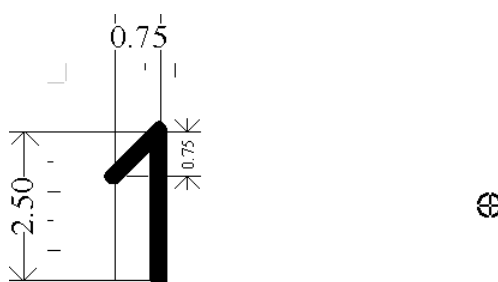
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> R
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS32)	RN: 331
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

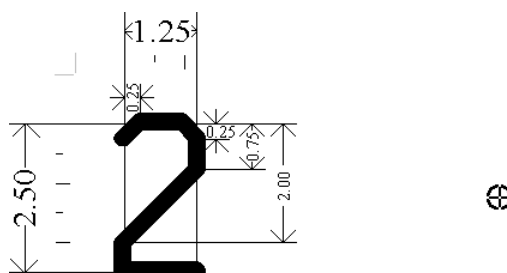
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS33)	RN: 332
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

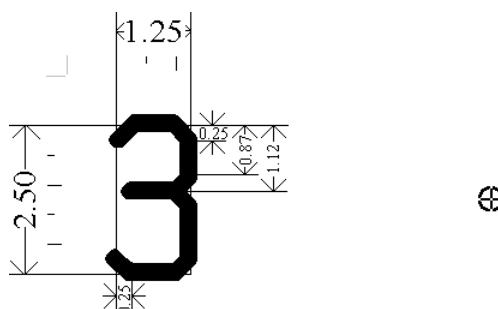
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS34)	RN: 333
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

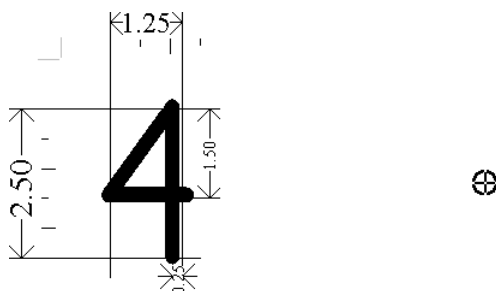
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS35)	RN: 334
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

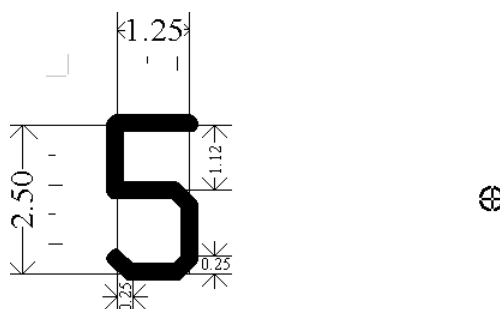
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS36)	RN: 335
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

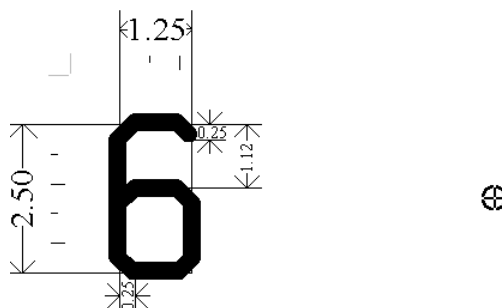
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS37)	RN: 336
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

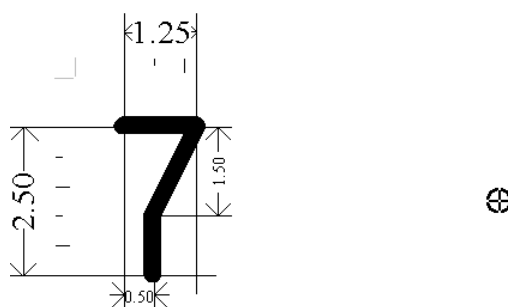
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS38)	RN: 337
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

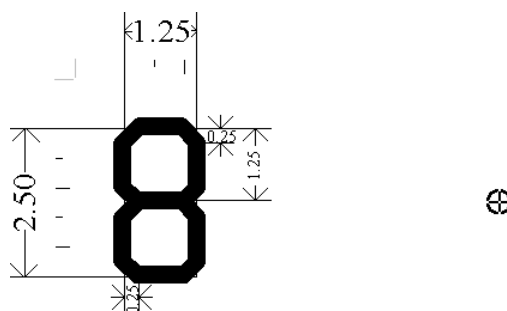
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS39)	RN: 338
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

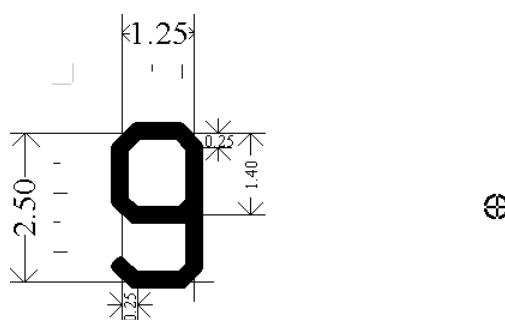
Called by CSP etc.: CSP SNDFRM04 Continuation C

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS40)	RN: 339
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

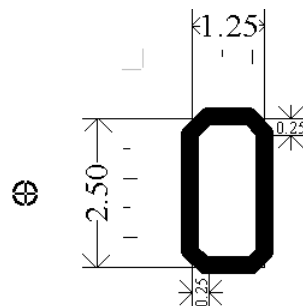
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>I2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS41)	RN: 340
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

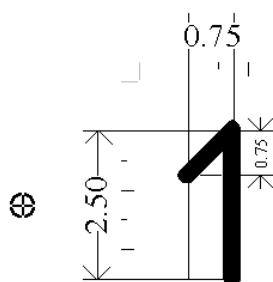
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> R
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS42)	RN: 341
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

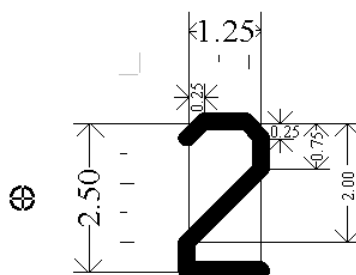
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS43)	RN: 342
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

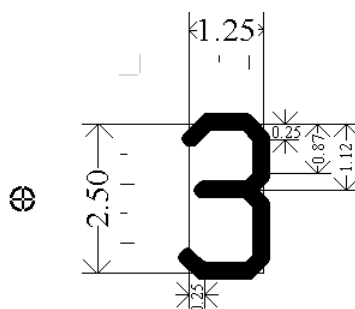
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS44)	RN: 343
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

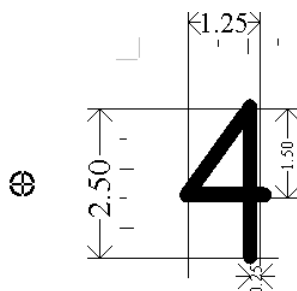
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS45)	RN: 344
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

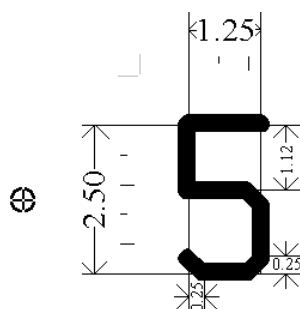
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS46)	RN: 345
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

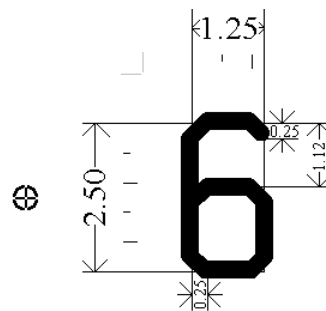
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  <i>Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  <i>Wk</i>

Symbol Name:	SY(SOUNDS47)	RN: 346
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

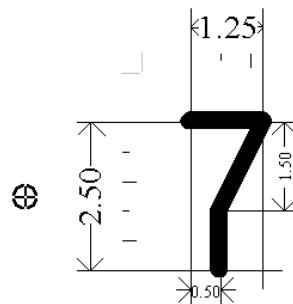
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS48)	RN: 347
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

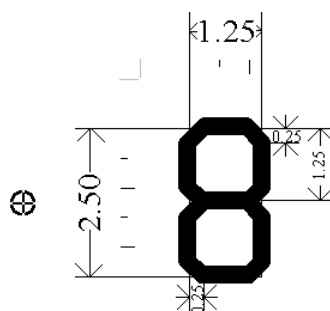
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS49)	RN: 348
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

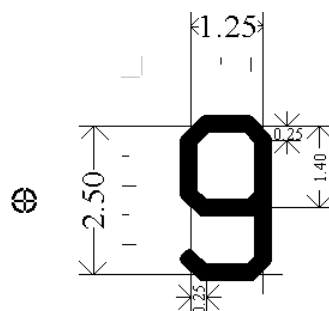
Called by CSP etc.: CSP SNDFRM04 Continuation B

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

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) <i>12 37</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS50)	RN: 349
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

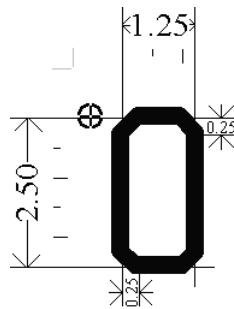
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS51)	RN: 350
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

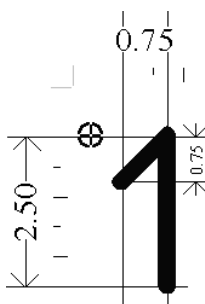
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2)  Well
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21</i> <i>R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30)  Wk

Symbol Name:	SY(SOUNDS52)	RN: 351
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

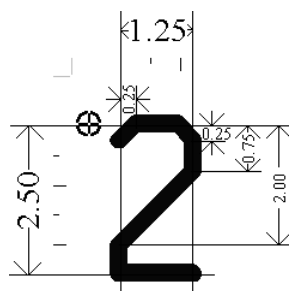
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS53)	RN: 352
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

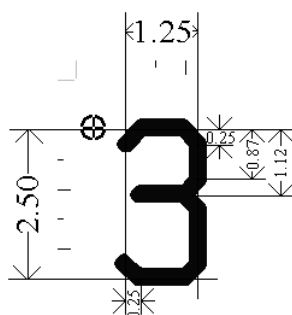
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(2.5) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(2.5) Wk</i>

Symbol Name:	SY(SOUNDS54)	RN: 353
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

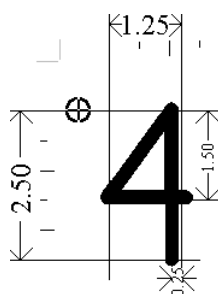
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(25) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(25) Wk</i>

Symbol Name:	SY(SOUNDS55)	RN: 354
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

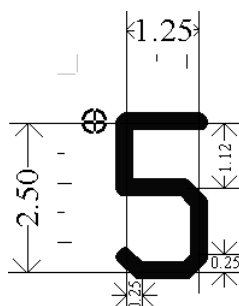
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS56)	RN: 355
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

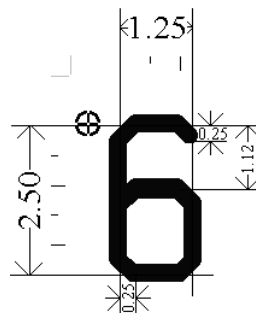
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(2.5) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(2.5) Wk</i>

Symbol Name:	SY(SOUNDS57)	RN: 356
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

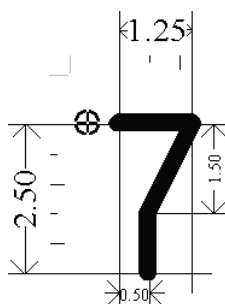
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) 
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) 

Symbol Name:	SY(SOUNDS58)	RN: 357
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

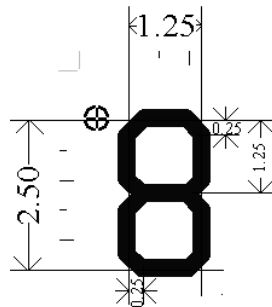
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>12 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>25 Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>25 Wk</i>

Symbol Name:	SY(SOUNDS59)	RN: 358
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Symbol Explanation: shallow soundings, less than or equal to the safety depth

Look up table affected: N/A

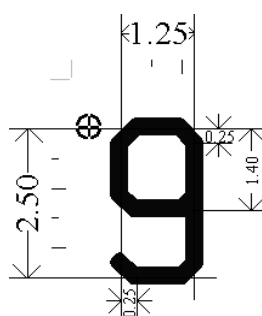
Called by CSP etc.: CSP SNDFRM04 Continuation A

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

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) <i>I2 97</i>
OBSTRN	I 2, 4; K 41, 42, 46.2; L 20, 21.2; M 43; Q 42	(L 21.2) <i>(2.5) Well</i>
UWTROC	K 11, 12, 14.1, 14.2, 15; O 27	(K 15) <i>21 R</i>
WRECKS	K 21, 22, 26, 27, 30	(K 30) <i>(2.5) Wk</i>

Symbol Name:	SY(SOUNDSA1)	RN: 359
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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

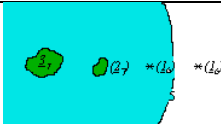


Symbol Colours:  SNDG2

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
UWTROC	K 11	
WRECKS	K 21, 30	
SOUNDG	I 15	

Symbol Name:	SY(SOUNDSB1)	RN: 360
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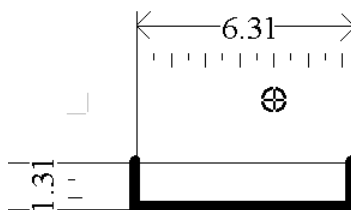
Symbol Explanation: symbol for swept sounding, used for shallow soundings, less than or equal to safety depth

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
as applicable	K 2	
OBSTRN	K 42	 <i>Obstrn</i>  <i>Obstrn</i>
WRECKS	K 27	 <i>Wk</i>  <i>Wk</i>

Symbol Name:	SY(SOUNDSC2)	RN: 362
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Symbol Explanation: sounding of low accuracy

Look up table affected: N/A

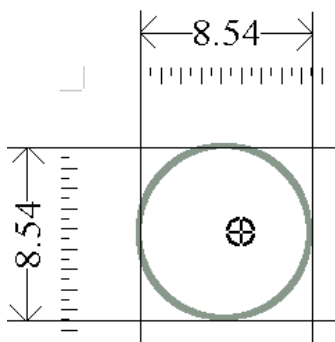
Called by CSP etc.: CSP SNDFRM04

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

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) <i>ED</i>
OBSTRN	I 2	<i>SD</i>
SOUNDG	I 2, 4, 13, 14	(I 13) <i>SD</i>

Symbol Name:	SY(SPRING02)	RN: 363
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Symbol Explanation: spring

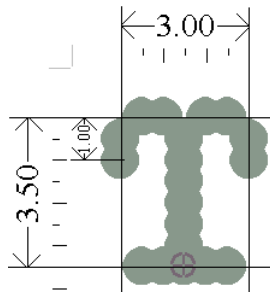
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 3.50

Width of Bounding Box: 3.00

Height of Bounding Box: 3.50



Symbol Colours: CHGRD

Comments: Dot diameter 0.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
SPRING	J 15	

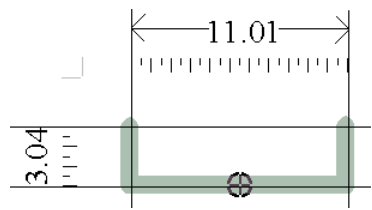
Symbol Name:	SY(SWPARE51)	RN: 364
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Symbol Explanation: swept area

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

Pivot Point Column: 5.60
Pivot Point Row: 3.08

Width of Bounding Box: 11.01
Height of Bounding Box: 3.04

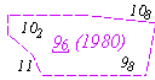


Symbol Colours:  CHGRF

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
SWPARE	I 24	

Symbol Name:	SY(TIDEHT01)	RN: 368
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Symbol Explanation: point for which tide height information is available

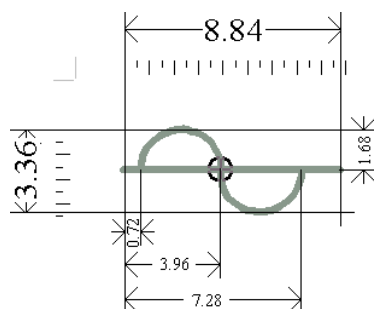
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 3.96

Pivot Point Row: 1.68

Width of Bounding Box: 8.84

Height of Bounding Box: 3.36



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
T_HMON	not specified	
T_NHMN	not specified	
T_TIMS	not specified	

Symbol Name:

SY(TIDSTR01)

RN: 369

Symbol Explanation: point or area for which a tidal stream table is available

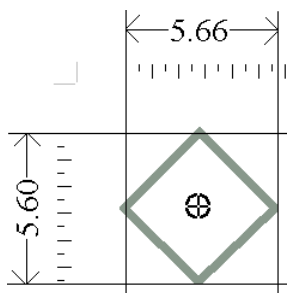
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.80

Pivot Point Row: 2.81

Width of Bounding Box: 5.66

Height of Bounding Box: 5.60



Symbol Colours:



CHGRD

Comments:

Line weight 0.3 mm

Examples on ENC:

N/A

References:

S57	INT 1	
TS_PAD	H 31, 46	(H 46) 
TS_PNH	not specified	
TS_PRH	not specified	
TS_TIS	not specified	

Symbol Name:	SY(TMARDEF1)	RN: 370
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Symbol Explanation: topmark for beacons, flag or other shape, paper-chart

Look up table affected: N/A

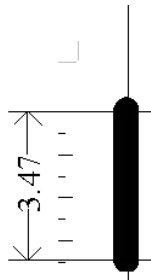
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.08

Pivot Point Row: 9.37

Width of Bounding Box: 0.00

Height of Bounding Box: 3.47



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 10, 82	

Symbol Name:	SY(TMARDEF2)	RN: 371
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Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

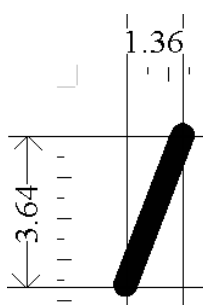
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.67

Pivot Point Row: 8.66

Width of Bounding Box: 1.36

Height of Bounding Box: 3.64



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Q 2-5, 9, 11, 30

Symbol Name:	SY(TMBYRD01)	RN: 372
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Symbol Explanation: timber yard

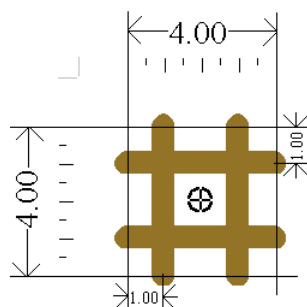
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 2.00

Pivot Point Row: 2.00

Width of Bounding Box: 4.00

Height of Bounding Box: 4.00



Symbol Colours: LANDF

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
PRDARE	F 52	#

Symbol Name:	SY(TNKCON02)	RN: 373
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Symbol Explanation: tank

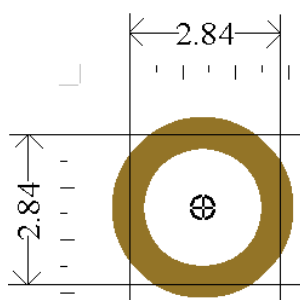
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.42

Pivot Point Row: 1.41

Width of Bounding Box: 2.84

Height of Bounding Box: 2.84



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

S57	INT 1		
BUIISGL	Not specified		
PRDARE	Not specified		
SILTNK	E 32	• 	Tanks

Symbol Name:	SY(TNKCON12)	RN: 374
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Symbol Explanation: conspicuous tank

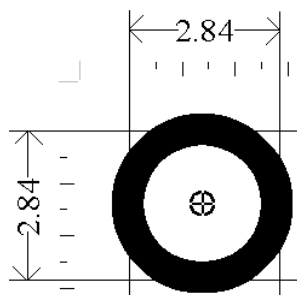
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.42

Pivot Point Row: 1.41

Width of Bounding Box: 2.84

Height of Bounding Box: 2.84



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 2.84 mm

Examples on ENC: N/A

References:

S57	INT 1		
BUISGL	Not specified		
PRDARE	Not specified		
SILTNN	E 32		Tanks

Symbol Name:	SY(TNKFRM01)	RN: 375
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Symbol Explanation: tank farm

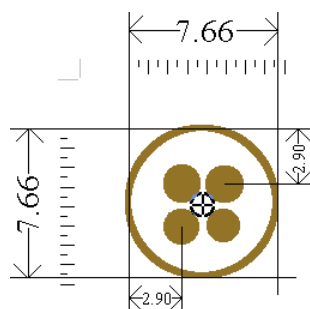
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.90

Pivot Point Row: 4.00

Width of Bounding Box: 7.66

Height of Bounding Box: 7.66



Symbol Colours: LANDF

Comments: Circle line weight 0.3 mm; circle diameter 7.66 mm
Point diameter 2.24 mm

Examples on ENC: N/A

References:

S57	INT 1	
PRDARE	E 32	T a n k s

Symbol Name:	SY(TNKFRM11)	RN: 376
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Symbol Explanation: conspicuous tank farm

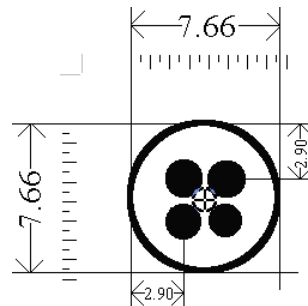
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.92

Pivot Point Row: 4.05

Width of Bounding Box: 7.66

Height of Bounding Box: 7.66



Symbol Colours: CHBLK

Comments: Circle line weight 0.6mm; circle diameter 7.66 mm
Point diameter 2.24 mm

Examples on ENC: N/A

References:

S57	INT 1	
PRDARE	E 32	T a n k s

Symbol Name:	SY(TOPMAR02)	RN: 377
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Symbol Explanation: topmark for buoys, cone point up, paper-chart

Look up table affected: N/A

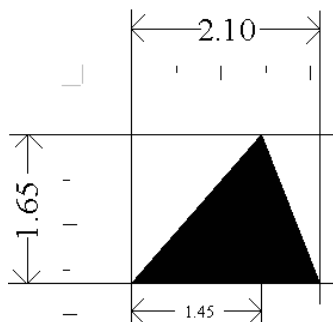
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.10

Pivot Point Row: 6.75

Width of Bounding Box: 2.10

Height of Bounding Box: 1.65



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.1	(Q 9) ↗ ↘

Symbol Name:	SY(TOPMAR04)	RN: 378
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Symbol Explanation: topmark for buoys, cone point down, paper-chart

Look up table affected: N/A

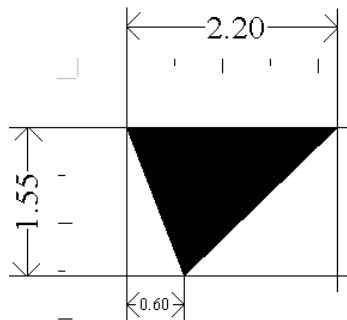
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45

Pivot Point Row: 6.85

Width of Bounding Box: 2.20

Height of Bounding Box: 1.55



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR05)	RN: 379
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Symbol Explanation: topmark for buoys, 2 cones point upward, paper-chart

Look up table affected: N/A

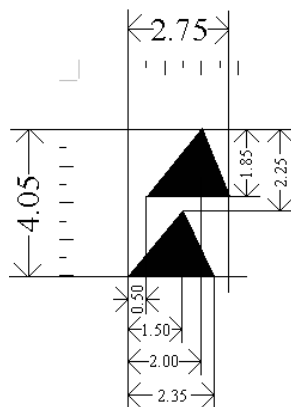
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.10

Pivot Point Row: 9.25

Width of Bounding Box: 2.75

Height of Bounding Box: 4.05



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 130.3	(Q 9) ↗

Symbol Name:	SY(TOPMAR06)	RN: 380
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Symbol Explanation: topmark for buoys, 2 cones point downward, paper-chart

Look up table affected: N/A

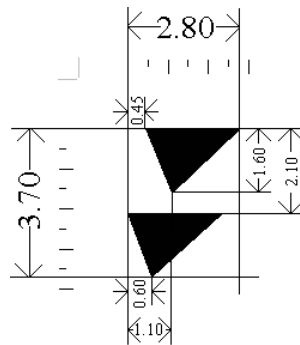
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45

Pivot Point Row: 9.05

Width of Bounding Box: 2.80

Height of Bounding Box: 3.70



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.3	(Q 9) 

Symbol Name:	SY(TOPMAR07)	RN: 381
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Symbol Explanation: topmark for buoys, 2 cones base to base, paper-chart

Look up table affected: N/A

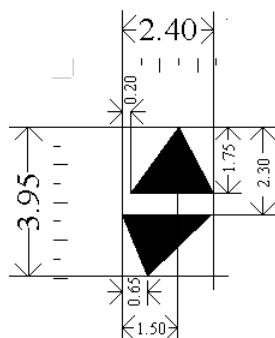
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.45

Pivot Point Row: 9.15

Width of Bounding Box: 2.40

Height of Bounding Box: 3.95



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.3	(Q 9)

Symbol Name:	SY(TOPMAR08)	RN: 382
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Symbol Explanation: topmark for buoys, 2 cones point to point, paper-chart

Look up table affected: N/A

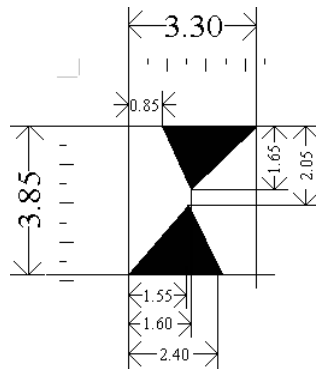
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.05

Pivot Point Row: 9.05

Width of Bounding Box: 3.30

Height of Bounding Box: 3.85



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.3	(Q 9) 

Symbol Name:	SY(TOPMAR10)	RN: 383
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Symbol Explanation: topmark for buoys, sphere, paper-chart

Look up table affected: N/A

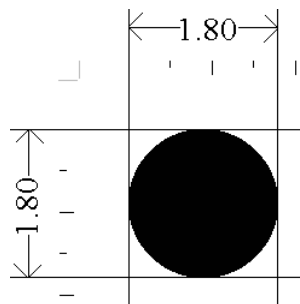
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.35

Pivot Point Row: 6.95

Width of Bounding Box: 1.80

Height of Bounding Box: 1.80



Symbol Colours: CHBLK

Comments: Point diameter 1.8 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.5	(Q 9) ⦿

Symbol Name:	SY(TOPMAR12)	RN: 384
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Symbol Explanation: topmark for buoys, 2 spheres, paper-chart

Look up table affected: N/A

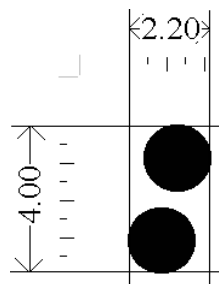
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.40

Pivot Point Row: 9.15

Width of Bounding Box: 2.20

Height of Bounding Box: 4.00



Symbol Colours: CHBLK

Comments: Point diameter 1.8 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.4	(Q 9) 

Symbol Name:	SY(TOPMAR13)	RN: 385
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Symbol Explanation: topmark for buoys, cylinder, paper-chart

Look up table affected: N/A

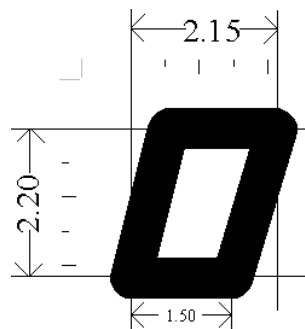
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.30

Pivot Point Row: 7.45

Width of Bounding Box: 2.15

Height of Bounding Box: 2.20



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 11, 30, 130.1	(Q 9) ⌀

Symbol Name:	SY(TOPMAR14)	RN: 386
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Symbol Explanation: topmark for buoys, board, paper-chart

Look up table affected: N/A

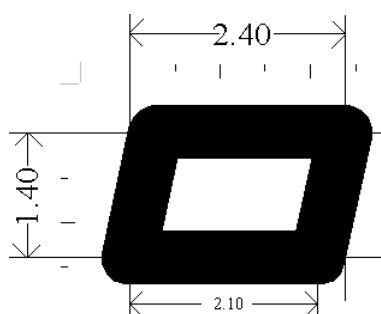
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.10

Pivot Point Row: 6.70

Width of Bounding Box: 2.40

Height of Bounding Box: 1.40



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR16)	RN: 387
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Symbol Explanation: topmark for buoys, cube point up, paper-chart

Look up table affected: N/A

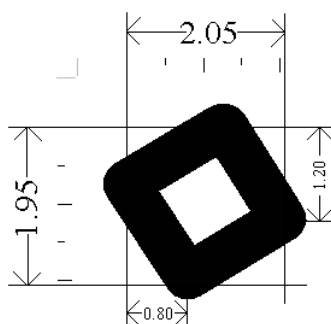
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: -0.30

Pivot Point Row: 7.05

Width of Bounding Box: 2.05

Height of Bounding Box: 1.95



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR17)	RN: 388
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Symbol Explanation: topmark for buoys, flag or other shape, paper-chart

Look up table affected: N/A

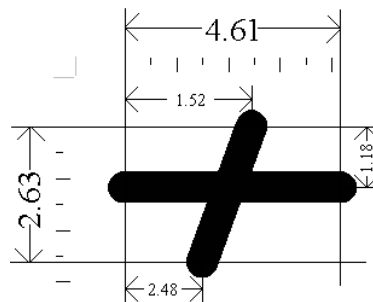
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.85

Pivot Point Row: 7.60

Width of Bounding Box: 4.21

Height of Bounding Box: 2.63



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR18)	RN: 389
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Symbol Explanation: topmark for buoys, T-Shape, paper-chart

Look up table affected: N/A

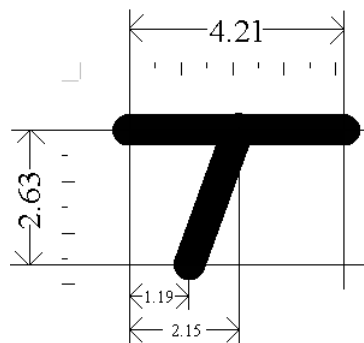
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.52

Pivot Point Row: 7.60

Width of Bounding Box: 4.21

Height of Bounding Box: 2.63



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR22)	RN: 390
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Symbol Explanation: topmark for beacons, cone point up, paper-chart

Look up table affected: N/A

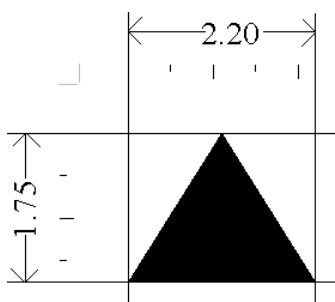
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 7.30

Width of Bounding Box: 2.20

Height of Bounding Box: 1.75



Symbol Colours: CHBLK

Pattern: N/A

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 10, 82, 110, 130.1	(Q 2)
		 G

Symbol Name:	SY(TOPMAR24)	RN: 391
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Symbol Explanation: topmark for beacons, cone point down, paper-chart

Look up table affected: N/A

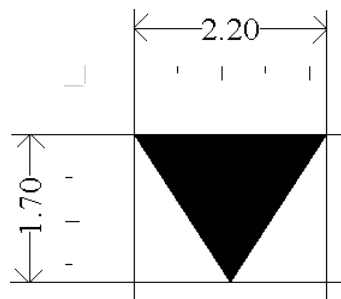
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 7.20

Width of Bounding Box: 2.20

Height of Bounding Box: 1.70



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Not specified

Symbol Name:	SY(TOPMAR25)	RN: 392
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Symbol Explanation: topmark for beacons, 2 cones point upward, paper-chart

Look up table affected: N/A

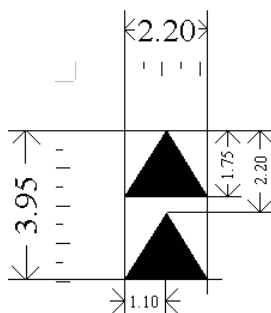
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 9.45

Width of Bounding Box: 2.20

Height of Bounding Box: 3.95



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 130.3	(Q 110) 

Symbol Name:	SY(TOPMAR26)	RN: 393
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Symbol Explanation: topmark for beacons, 2 cones point downward, paper-chart

Look up table affected: N/A

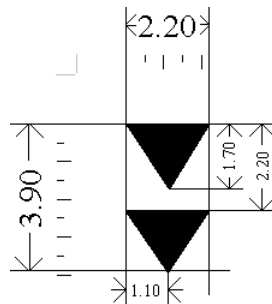
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 9.30

Width of Bounding Box: 2.20

Height of Bounding Box: 3.90



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Q 2-5, 10, 82, 110, 130.3

Symbol Name:	SY(TOPMAR27)	RN: 394
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Symbol Explanation: topmark for beacons, 2 cones base to base, paper-chart

Look up table affected: N/A

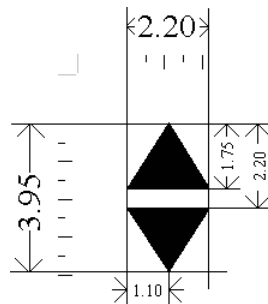
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 9.50

Width of Bounding Box: 2.20

Height of Bounding Box: 3.95



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Q 2-5, 10, 82, 110, 130.3

Symbol Name:	SY(TOPMAR28)	RN: 395
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Symbol Explanation: topmark for beacons, 2 cones point to point, paper-chart

Look up table affected: N/A

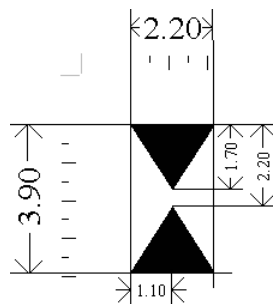
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 9.40

Width of Bounding Box: 2.20

Height of Bounding Box: 3.90



Symbol Colours: CHBLK

Comments: N/A

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Q 2-5, 10, 82, 110, 130.3

Symbol Name:	SY(TOPMAR30)	RN: 396
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Symbol Explanation: topmark for beacons, sphere, paper-chart

Look up table affected: N/A

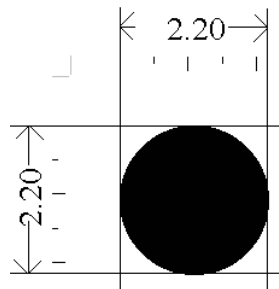
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 7.50

Width of Bounding Box: 2.20

Height of Bounding Box: 2.20



Symbol Colours: CHBLK

Comments: point diameter 2.2 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 130.5	

Symbol Name:	SY(TOPMAR32)	RN: 397
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Symbol Explanation: topmark for beacons, 2 spheres, paper-chart

Look up table affected: N/A

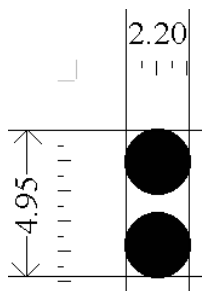
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 10.15

Width of Bounding Box: 2.20

Height of Bounding Box: 4.95



Symbol Colours: CHBLK

Comments: Point diameter 2.2 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 130.4	(Q 110)
		

Symbol Name:	SY(TOPMAR33)	RN: 398
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Symbol Explanation: topmark for beacons, cylinder, paper-chart

Look up table affected: N/A

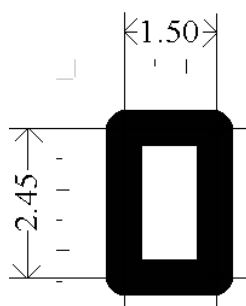
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.75

Pivot Point Row: 8.00

Width of Bounding Box: 1.50

Height of Bounding Box: 2.45



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 130.1	(Q 110) 

Symbol Name:	SY(TOPMAR34)	RN: 399
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Symbol Explanation: topmark for beacons, board, paper-chart

Look up table affected: N/A

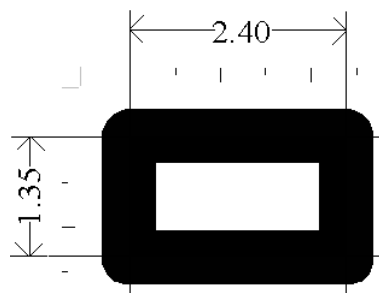
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.20

Pivot Point Row: 7.00

Width of Bounding Box: 2.40

Height of Bounding Box: 1.35



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOPMAR36)	RN: 400
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Symbol Explanation: topmark for beacons, cube point up, paper-chart

Look up table affected: N/A

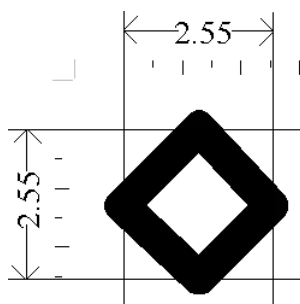
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.30

Pivot Point Row: 7.75

Width of Bounding Box: 2.55

Height of Bounding Box: 2.55



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 123	(Q 123) 

Symbol Name:	SY(TOPMAR65)	RN: 401
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Symbol Explanation: topmark for buoys, x-shape, paper-chart

Look up table affected: N/A

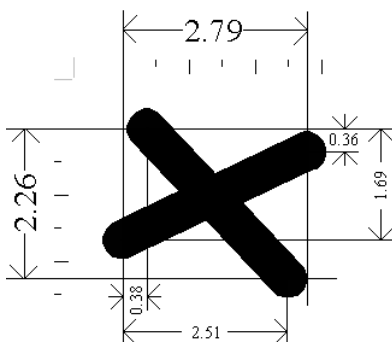
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 0.20

Pivot Point Row: 7.18

Width of Bounding Box: 2.79

Height of Bounding Box: 2.26



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 9, 10, 50-57, 59, 62, 70, 71, 130.6	(Q 9) x

Symbol Name:	SY(TOPMAR85)	RN: 402
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Symbol Explanation: topmark for beacons, x-shape, paper-chart

Look up table affected: N/A

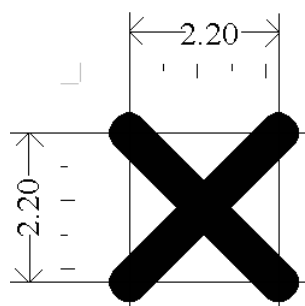
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.10

Pivot Point Row: 7.50

Width of Bounding Box: 2.20

Height of Bounding Box: 2.20



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 110, 130.6	

Symbol Name:	SY(TOPMAR86)	RN: 403
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Symbol Explanation: topmark for beacons, upright cross, paper-chart

Look up table affected: N/A

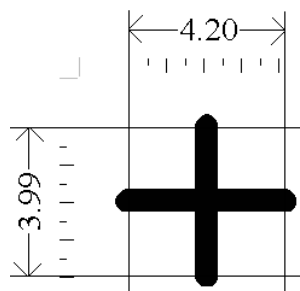
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 2.17

Pivot Point Row: 9.68

Width of Bounding Box: 4.20

Height of Bounding Box: 3.99



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1
TOPMAR	Q 2-5, 10, 82, 110

Symbol Name:	SY(TOPMAR87)	RN: 404
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Symbol Explanation: topmark for beacons, besom point down, paper-chart

Look up table affected: N/A

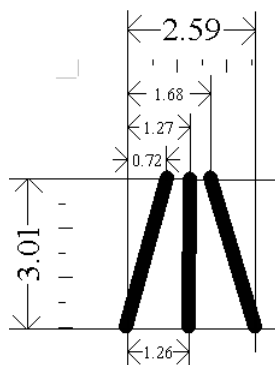
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.24

Pivot Point Row: 8.20

Width of Bounding Box: 2.59

Height of Bounding Box: 3.01



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 91	(Q 91) ↑

Symbol Name:	SY(TOPMAR88)	RN: 405
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Symbol Explanation: topmark for beacons, besom point up, paper-chart

Look up table affected: N/A

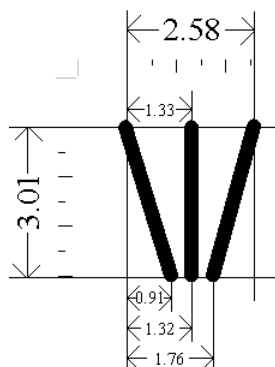
Called by CSP etc.: CSP TOPMAR01

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Q 2-5, 10, 82, 91	(Q 91) Y

Symbol Name:	SY(TOPMAR89)	RN: 406
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Symbol Explanation: topmark for beacons, T-shape, paper-chart

Look up table affected: N/A

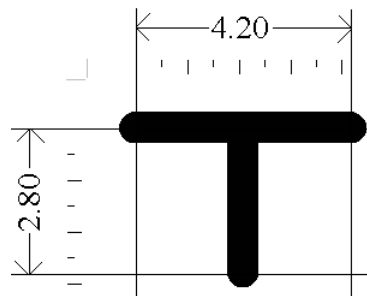
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 2.17

Pivot Point Row: 8.73

Width of Bounding Box: 4.20

Height of Bounding Box: 2.80



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TOPMAR	Not specified	

Symbol Name:	SY(TOWERS01)	RN: 407
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Symbol Explanation: tower

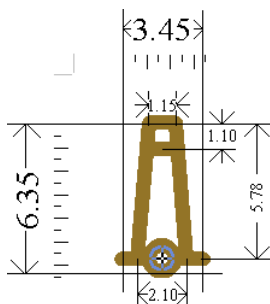
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.73

Pivot Point Row: 5.78

Width of Bounding Box: 3.45

Height of Bounding Box: 6.35



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 1.14 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 20; G 68	(E 20)
		 Tr
SILTNK	Not specified	

Symbol Name:	SY(TOWERS02)	RN: 408
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Symbol Explanation: water tower

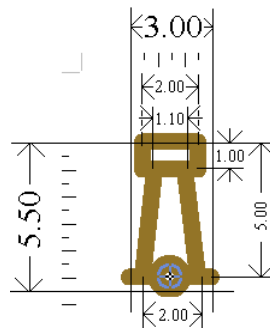
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 5.00

Width of Bounding Box: 3.00

Height of Bounding Box: 5.50



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
SILTNK	E 21	

Symbol Name:	SY(TOWERS03)	RN: 409
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Symbol Explanation: conspicuous tower

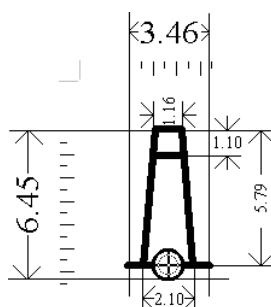
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.75

Pivot Point Row: 5.79

Width of Bounding Box: 3.46

Height of Bounding Box: 6.35



Symbol Colours: CHBLK

Comments: Line weight 0.6mm; circle diameter 1.12 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 20; G 68	(E 20)
		 Tr
SILTNK	Not specified	

Symbol Name:	SY(TOWERS05)	RN: 410
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Symbol Explanation: radio, television tower

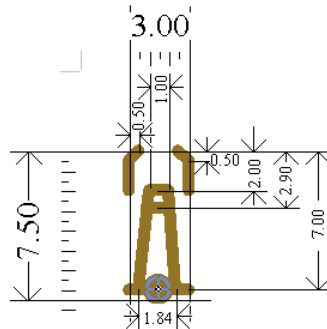
Look up table affected: N/A

Pivot Point Column: 1.50

Pivot Point Row: 7.00

Width of Bounding Box: 3.00

Height of Bounding Box: 7.50



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 29	(E 29)
		

Symbol Name:	SY(TOWERS12)	RN: 411
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Symbol Explanation: conspicuous water tower

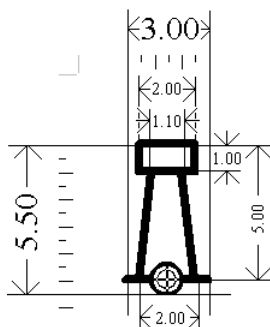
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 5.00

Width of Bounding Box: 3.00

Height of Bounding Box: 5.50



Symbol Colours: CHBLK

Comments: Line weight 0.6mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
SILTNK	E 2, 21	

Symbol Name:	SY(TOWERS15)	RN: 412
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Symbol Explanation: conspicuous radio, television tower

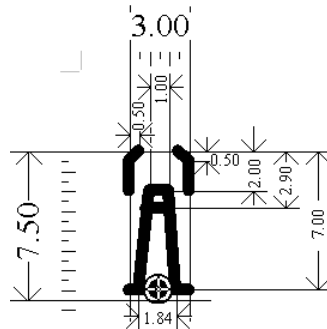
Look up table affected: N/A

Pivot Point Column: 1.50

Pivot Point Row: 7.00

Width of Bounding Box: 3.00

Height of Bounding Box: 7.50



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 29	(E 29)
		

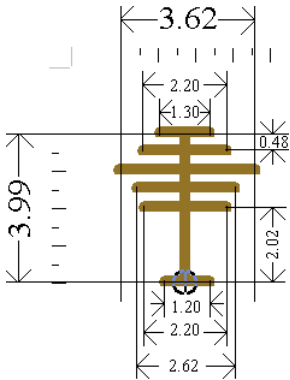
Symbol Name:	SY(TREPNT04)	RN: 413
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Symbol Explanation: general symbol for a tree

Look up table affected: N/A

Pivot Point Column: 1.76
Pivot Point Row: 4.01

Width of Bounding Box: 3.62
Height of Bounding Box: 3.99



Symbol Colours: LANDF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
VEGATN	C 30, 31	(C 30) 

Symbol Name:	SY(TREPNT05)	RN: 414
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Symbol Explanation: mangrove

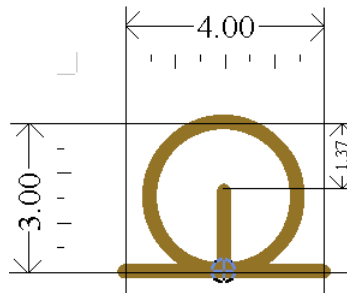
Look up table affected: N/A

Pivot Point Column: 2.00

Pivot Point Row: 3.00

Width of Bounding Box: 4.00

Height of Bounding Box: 3.00



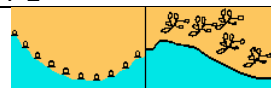
Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 3.0 mm

Examples on ENC: N/A

References:

S57	INT 1
VEGATN	C 32



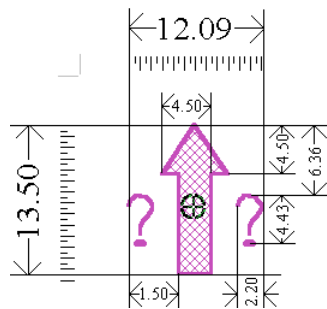
Symbol Name:	SY(TSLDEF51)	RN: 415
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Symbol Explanation: one way lane of a traffic separation scheme, with the direction not defined in the data

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

Pivot Point Column: 6.03
Pivot Point Row: 7.50

Width of Bounding Box: 12.09
Height of Bounding Box: 13.50



Symbol Colours:  TRFCD
 CHMGD (question mark)

Comments: Line weight 0.3 mm
Question mark line weight 0.3 mm; dot line weight 0.6 mm
Transparency 75%

Examples on ENC: N/A

References:

S57	INT 1
DWRTPT	M 27.1-2

Symbol Name:	SY(TSSCRS51)	RN: 416
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Symbol Explanation: traffic crossing area

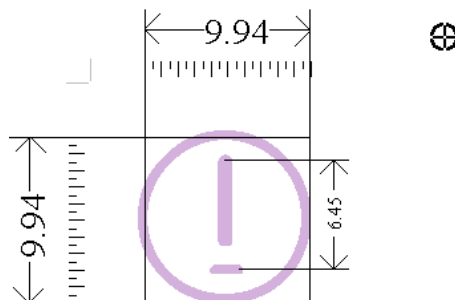
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

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

Comments: Line weight 0.6 mm; circle diameter 9.94 mm

Examples on ENC: N/A

References:

S57	INT 1	
TSSCRS	M 23	

Symbol Name:	SY(TSSLPT51)	RN: 417
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Symbol Explanation: traffic direction in a one way lane of a traffic separation scheme

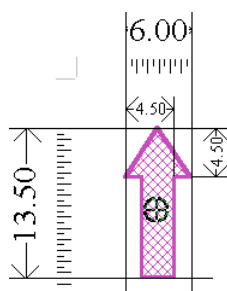
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.00

Pivot Point Row: 7.50

Width of Bounding Box: 6.00

Height of Bounding Box: 13.50



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm; transparency 75%.

Examples on ENC: N/A

References:

S57	INT 1	
DWRTPT	M 27.1-2	
TSSLPT	not specified	

Symbol Name:	SY(TSSRON51)	RN: 418
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Symbol Explanation: traffic roundabout

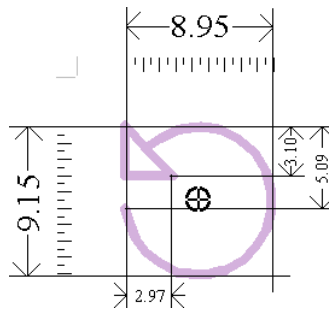
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 4.47

Pivot Point Row: 4.57

Width of Bounding Box: 8.95

Height of Bounding Box: 9.15



Symbol Colours: TRFCF

Comments: Line weight 0.6 mm; circle diameter 8.95

Examples on ENC: N/A

References:

S57	INT 1
TSSRON	M 21

Symbol Name:	SY(TWRDEF51)	RN: 419
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Symbol Explanation: two way route of a traffic separation scheme, with the direction not defined in the data

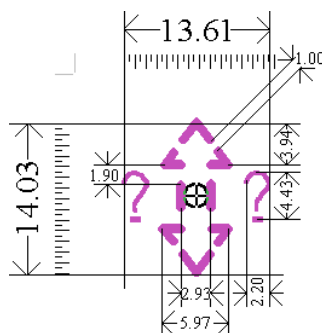
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 6.89

Pivot Point Row: 6.94

Width of Bounding Box: 13.61

Height of Bounding Box: 14.03



Symbol Colours:



TRFCD



CHMGD (question mark)

Comments: Line weight 0.9 mm
Question mark line weight 0.3 mm; dot line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
TWRTPT	M 28.2	

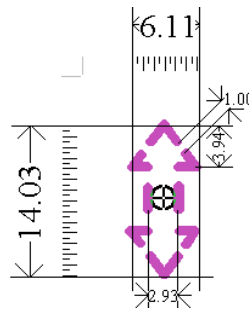
Symbol Name:	SY(TWRTPT52)	RN: 420
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Symbol Explanation: reciprocal traffic directions in a two-way route of a traffic separation scheme

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

Pivot Point Column: 3.11
Pivot Point Row: 6.94

Width of Bounding Box: 6.11
Height of Bounding Box: 14.03



Symbol Colours: TRFCD

Comments: Line weight 0.9 mm
Other dimensions like TWRDEF51

Examples on ENC: N/A

References:

S57	INT 1
TWRTPT	M 28.2

Symbol Name:	SY(TWRTPT53)	RN: 421
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Symbol Explanation: single traffic direction in a two-way route part of a traffic separation scheme

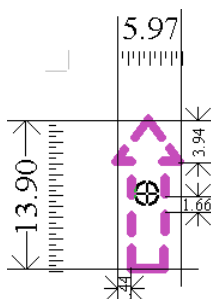
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 2.97

Pivot Point Row: 6.94

Width of Bounding Box: 5.97

Height of Bounding Box: 13.90



Symbol Colours: TRFCD

Comments: Line weight 0.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
TWRTPT	M 28.2	

Symbol Name:	SY(UWTROC03)	RN: 424
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Symbol Explanation: dangerous underwater rock of uncertain depth

Look up table affected: N/A

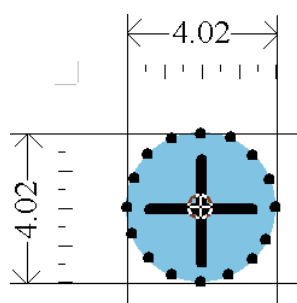
Called by CSP etc.: CSP OBSTRN07 Continuation A

Pivot Point Column: 2.01

Pivot Point Row: 2.01

Width of Bounding Box: 4.02

Height of Bounding Box: 4.02



Symbol Colours:



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)

Symbol Name:	SY(UWTROC04)	RN: 425
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Symbol Explanation: rock which covers and uncovers or is awash at low water

Look up table affected: N/A

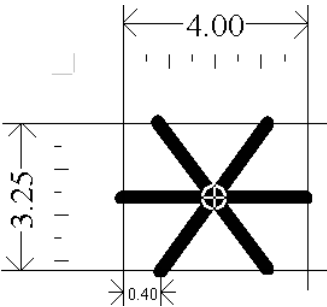
Called by CSP etc.: CSP OBSTRN07 Continuation A

Pivot Point Column: 2.03

Pivot Point Row: 1.64

Width of Bounding Box: 4.00

Height of Bounding Box: 3.25

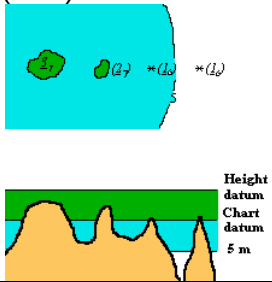


Symbol Colours:  CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
UWTROC	K 11, 12, 15	(K 11) 

Symbol Name:	SY(WATTUR02)	RN: 430
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Symbol Explanation: overfalls, eddies and breakers

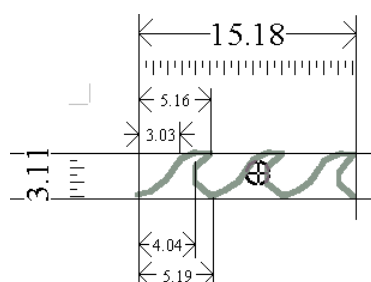
Look up table affected: line symbols
 paper chart point symbols
 area symbols with plain boundaries
 simplified point symbols
 area symbols with symbolized boundaries

Pivot Point Column: 8.50

Pivot Point Row: 1.49

Width of Bounding Box: 15.18

Height of Bounding Box: 3.11



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
WATTUR	H 44, 45; K 17	(H 44) (H 45) (K 17)

Symbol Name:	SY(WEDKLP03)	RN: 434
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Symbol Explanation: weed, kelp

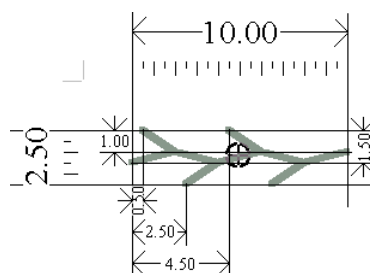
Look up table affected: paper chart point symbols
area symbols with plain boundaries
simplified point symbols
area symbols with symbolized boundaries

Pivot Point Column: 5.00

Pivot Point Row: 1.25

Width of Bounding Box: 10.00

Height of Bounding Box: 2.50

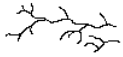


Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
WEDKLP	J 13.1, 13.2	(J 13.2) 

Symbol Name:	SY(WIMCON01)	RN: 435
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Symbol Explanation: wind motor

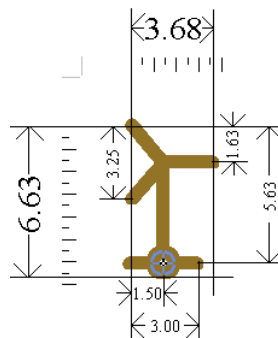
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 6.13

Width of Bounding Box: 3.68

Height of Bounding Box: 6.63



Symbol Colours: LANDF

Comments: Line weight 0.3mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 26	
PRDARE	Not specified	

Symbol Name:	SY(WIMCON11)	RN: 436
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Symbol Explanation: conspicuous wind motor

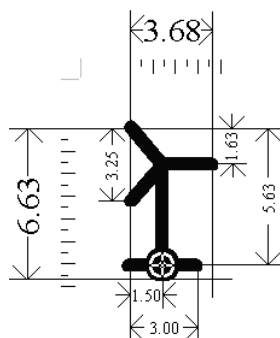
Look up table affected: paper chart point symbols
simplified point symbols

Pivot Point Column: 1.50

Pivot Point Row: 6.13

Width of Bounding Box: 3.68

Height of Bounding Box: 6.63



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 1.0 mm.

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 26	
PRDARE	Not specified	

Symbol Name:	SY(WNDFRM51)	RN: 437
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Symbol Explanation: wind generator farm

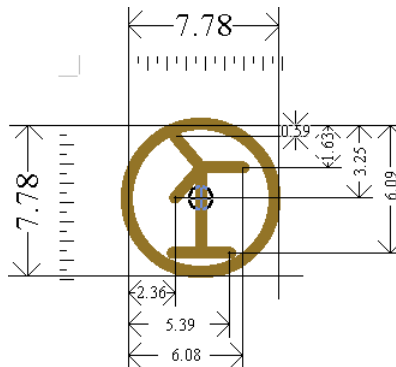
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.89

Pivot Point Row: 3.90

Width of Bounding Box: 7.78

Height of Bounding Box: 7.78



Symbol Colours: LANDF

Comments: Line weight 0.3mm.

Examples on ENC: N/A

References:

S57	INT 1
PRDARE	Not specified

Symbol Name:	SY(WNDFRM61)	RN: 438
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Symbol Explanation: conspicuous wind generator farm

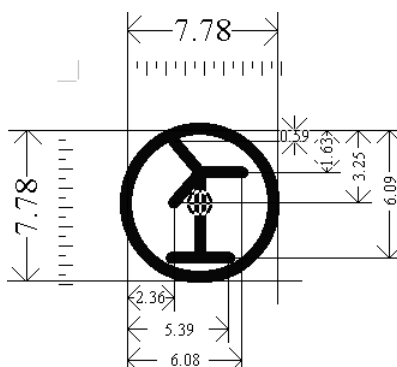
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 3.87

Pivot Point Row: 4.00

Width of Bounding Box: 7.78

Height of Bounding Box: 7.78



Symbol Colours: CHBLK

Comments: Line weight 0.6 mm; circle diameter 7.78 mm

Examples on ENC: N/A

References:

S57	INT 1
PRDARE	Not specified

Symbol Name:	SY(WNDMIL02)	RN: 439
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Symbol Explanation: windmill

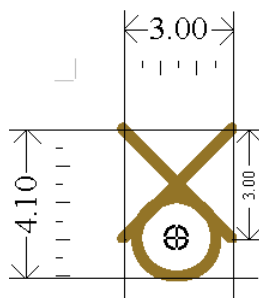
Look up table affected: paper chart point symbols

Pivot Point Column: 1.50

Pivot Point Row: 3.00

Width of Bounding Box: 3.00

Height of Bounding Box: 4.10



Symbol Colours: LANDF

Comments: Line weight 0.3 mm; circle diameter 2.2 mm.

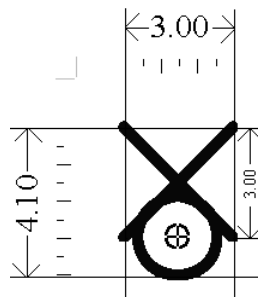
Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 25.1, 25.2	(E 25.1)
		✕

Symbol Name:	SY(WNDMIL12)	RN: 440
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Symbol Explanation: conspicuous windmill
 Look up table affected: paper chart point symbols
 simplified point symbols
 Pivot Point Column: 1.50
 Pivot Point Row: 3.00
 Width of Bounding Box: 3.00
 Height of Bounding Box: 4.10



Symbol Colours: CHBLK

Comments: Line weight 0.6mm; circle diameter 2.20 mm

Examples on ENC: N/A

References:

S57	INT 1	
LNDMRK	E 2, 25.1, 25.2	(E 25.1)
		✕

Symbol Name:	SY(WRECKS01)	RN: 441
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Symbol Explanation: wreck showing any portion of hull or superstructure at level of chart datum

Look up table affected: N/A

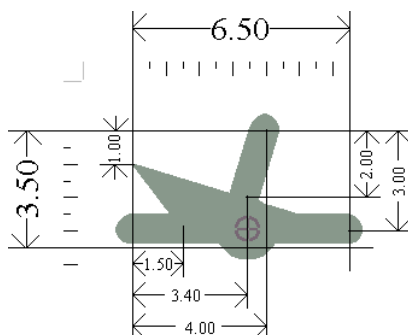
Called by CSP etc.: CSP WRECKS05 Continuation A

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

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)
		

Symbol Name:	SY(WRECKS04)	RN: 442
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Symbol Explanation: non-dangerous wreck, depth unknown

Look up table affected: N/A

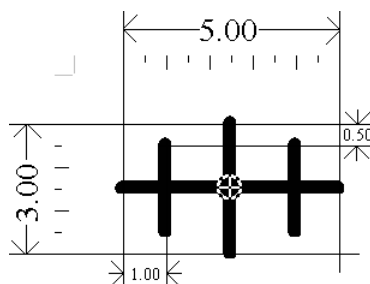
Called by CSP etc.: CSP WRECKS05 Continuation A

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
WRECKS	K 26, 27, 29, 30	(K 29)
		++

Symbol Name:	SY(WRECKS05)	RN: 443
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Symbol Explanation: dangerous wreck, depth unknown

Look up table affected: N/A

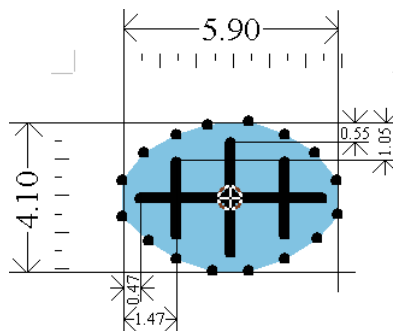
Called by CSP etc.: CSP WRECKS05 Continuation A

Pivot Point Column: 2.97

Pivot Point Row: 2.10

Width of Bounding Box: 5.90

Height of Bounding Box: 4.10



Symbol Colours:



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)

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2. Complex Linestyles

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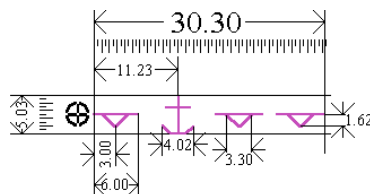
Symbol Name:	LC(ACHARE51)	RN: 469
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Symbol Explanation: boundary of an anchorage area

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 2.42

Width of Bounding Box: 30.30
Height of Bounding Box: 5.03



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm;
Anchor symbol dimensions like point symbol SY(ACHARE02)

Examples on ENC: N/A

References:

S57	INT 1	
ACHARE	N 12.1-9;	(N 12.1)

Symbol Name:	LC(ACHRES51)	RN: 470
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Symbol Explanation: boundary of an area where anchoring is prohibited or restricted

Look up table affected: N/A

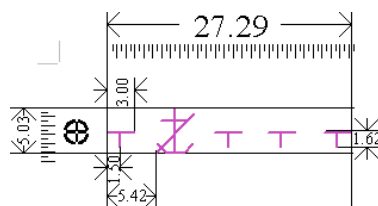
Called by CSP etc.: CSP RESARE04 Continuation B

Pivot Point Column: -3.38

Pivot Point Row: 2.38

Width of Bounding Box: 27.29

Height of Bounding Box: 5.03

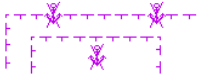


Symbol Colours: CHMGD

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	

Symbol Name:	LC(ADMARE01)	RN: 471
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Symbol Explanation: jurisdiction boundary

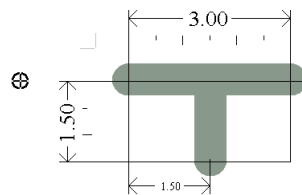
Look up table affected: area symbols with symbolized boundaries
used in earlier versions of area symbols with symbolized boundaries

Pivot Point Column: -2.01

Pivot Point Row: -0.02

Width of Bounding Box: 3.00

Height of Bounding Box: 1.50



Symbol Colours:  CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
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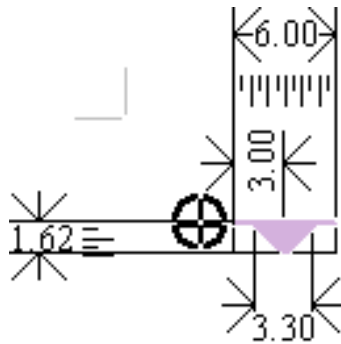
Symbol Name:	LC(ARCSLN01)	RN: 520
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Symbol Explanation: boundary of archipelago sea lane

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

Pivot Point Column: -2.00
Pivot Point Row: 0.00

Width of Bounding Box: 6.00
Height of Bounding Box: 1.62



Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57 E3.1.1	INT 1	
ARCSLN	M17	

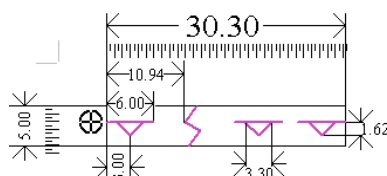
Symbol Name:	LC(CBLARE51)	RN: 472
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Symbol Explanation: boundary of a submarine cable area

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 2.00

Width of Bounding Box: 30.30
Height of Bounding Box: 5.00



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm;
Cable symbol dimensions like cable symbol in line symbol LC(CBLSUB06)

Examples on ENC: N/A

References:

S57	INT 1	
CBLARE	L 30.2, 31.2;	(L 30.2)  (L 31.2) 

Symbol Name:	LC(CHCRDEL1)	RN: 474
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Symbol Explanation: this line has been deleted by a manual update

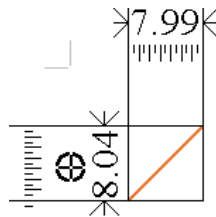
Look up table affected: N/A

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

Comments:

Line weight 0.3 mm;
See PresLib section 8.7.1

Examples on ENC:

N/A

References:

S57	INT 1
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Symbol Name:	LC(CHCRID01)	RN: 475
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Symbol Explanation: this line has been manually updated

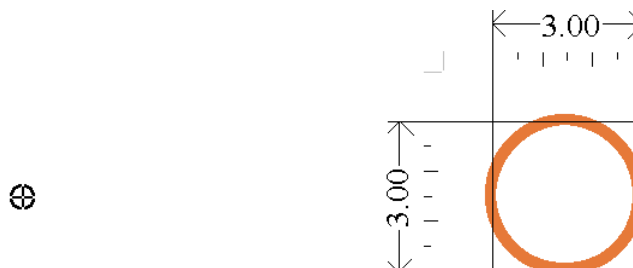
Look up table affected: N/A

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

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
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Symbol Name:	LC(CHRVDEL2)	RN: 595
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Symbol Explanation: This object has been deleted by an automatic update

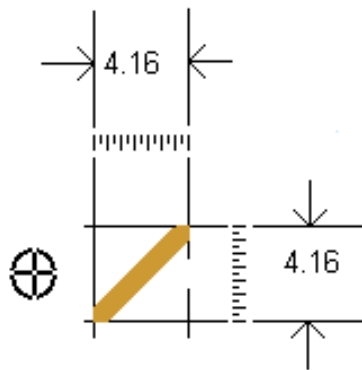
Look up table affected: N/A

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

Comments: Line weight 0.9 mm;
See PresLib section 10.7.2

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	LC(CHRVID02)	RN: 596
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Symbol Explanation: This object has been inserted or modified by an automatic update

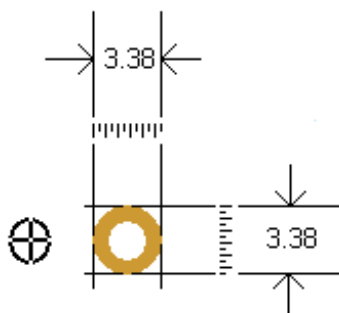
Look up table affected: N/A

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

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
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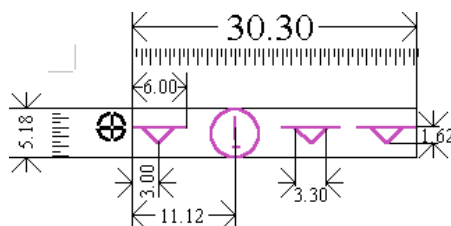
Symbol Name:	LC(CTNARE51)	RN: 476
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Symbol Explanation: boundary of area with a specific caution

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 1.86

Width of Bounding Box: 30.30
Height of Bounding Box: 5.18



Symbol Colours:



CHMGD

Comments:

Line weight 0.3 mm; circle diameter 5.18 mm;
Caution symbol dimensions like point symbol SY(CTNARE51)

Examples on ENC:

N/A

References:

S57	INT 1	
CTNARE	N 1.1, 1.2	(N 1.2)
TSSLPT	not specified	

Symbol Name:	LC(CTYARE51)	RN: 477
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Symbol Explanation: boundary of area to be navigated with caution

Look up table affected: area symbols with symbolized boundaries

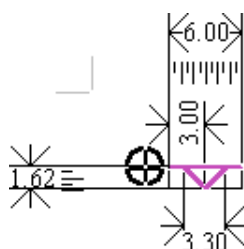
Called by CSP etc.: CSP RESARE04,
CSP RESARE04 Continuation A, D, E

Pivot Point Column: -2.00

Pivot Point Row: 0.00

Width of Bounding Box: 6.00

Height of Bounding Box: 1.62

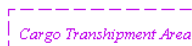
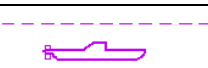


Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
CTSARE	N 64	
DMPGRD	N 23-24, 62.1-2	(N 23.1) 
ICNARE	N 65	
MIPARE	N 30, 32, 33	(N 32) 
OSPARE	L 1, 4	
PILBOP	T 1.1 - 1.4	
RESARE	N 2.1, 2.2, 34, 63	
SPLARE	N 13	
SUBTLN	N 33	
TWRTPT	M 28.2	

Symbol Name:	LC(DWLDEF01)	RN: 478
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Symbol Explanation: deep water route centreline, direction not defined in the data

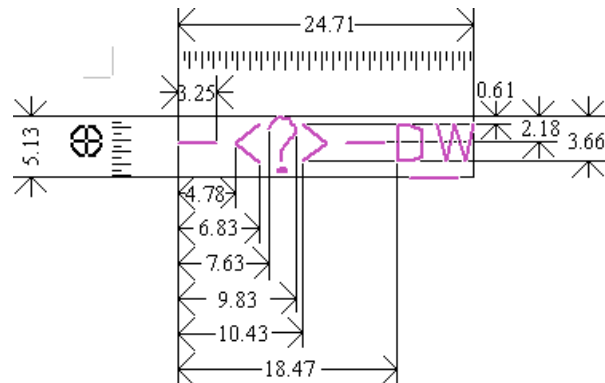
Look up table affected: line symbols

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

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

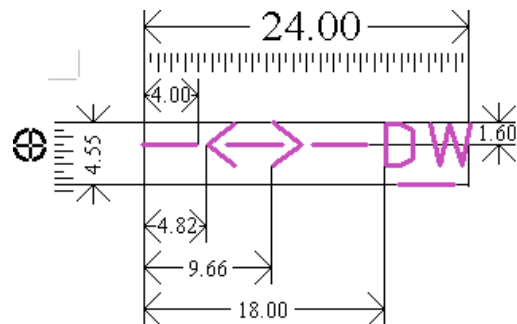
Symbol Name:	LC(DWRTCL05)	RN: 479
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Symbol Explanation: two-way deep water route centreline, not based on fixed marks

Look up table affected: line symbols

Pivot Point Column: -8.46
Pivot Point Row: 1.60

Width of Bounding Box: 24.00
Height of Bounding Box: 4.55



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm;
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

S57	INT 1
DWRTCL	M 27.3

Symbol Name:	LC(DWRTCL06)	RN: 480
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Symbol Explanation: two-way deep water route centreline, based on fixed marks

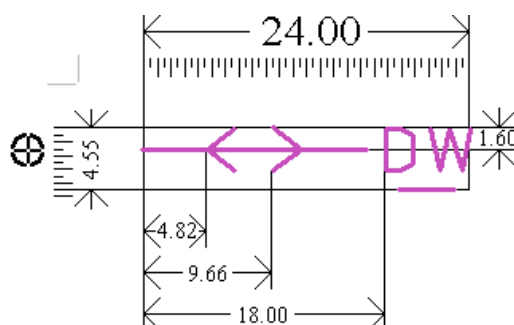
Look up table affected: line symbols

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

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

Symbol Name:	LC(DWRTCL07)	RN: 481
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Symbol Explanation: one-way deep water route centreline, not based on fixed marks

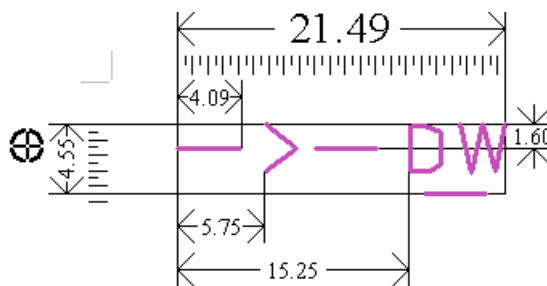
Look up table affected: line symbols

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

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

Symbol Name:	LC(DWRTCL08)	RN: 482
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Symbol Explanation: one-way deep water route centreline, based on fixed-marks

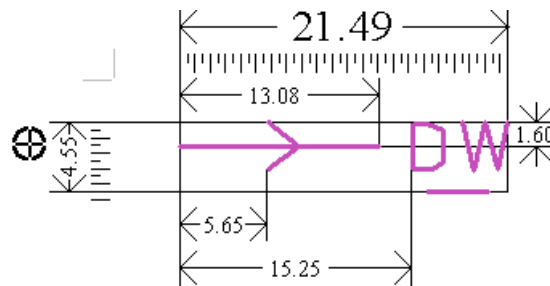
Look up table affected: line symbols

Pivot Point Column: -9.85

Pivot Point Row: 1.60

Width of Bounding Box: 21.49

Height of Bounding Box: 4.55



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm;
Arrow and deep water symbol dimensions like line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

S57	INT 1
DWRTCL	M 27.3

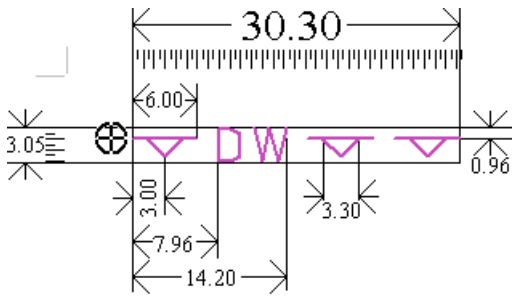
Symbol Name:	LC(DWRUTE51)	RN: 483
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Symbol Explanation: boundary of a deep water route

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98
Pivot Point Row: 0.94

Width of Bounding Box: 30.30
Height of Bounding Box: 3.05



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
DWRTPT	M 27.1-2;

Symbol Name:	LC(ENTRES51)	RN: 484
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Symbol Explanation: boundary of an area where entry is prohibited or restricted

Look up table affected: N/A

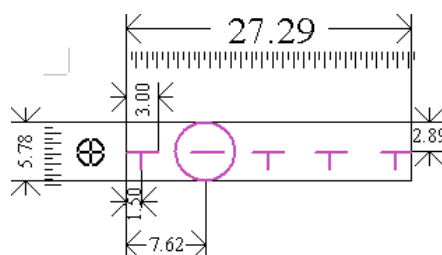
Called by CSP etc.: earlier versions of CSP RESCSP

Pivot Point Column: -3.38

Pivot Point Row: 2.89

Width of Bounding Box: 27.29

Height of Bounding Box: 5.78



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm;
Circle diameter 5.78 mm

Examples on ENC: N/A

References:

S57	INT 1	
RESARE	N 2.1, 2.2	(N 2.1)

Symbol Name:	LC(ESSARE01)	RN: 586
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Symbol Explanation: boundary of an ESSA or PSSA

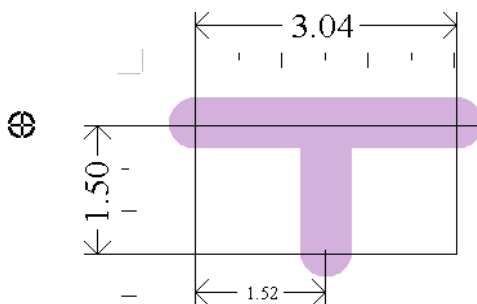
Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -2.00

Pivot Point Row: 0.00

Width of Bounding Box: 3.00

Height of Bounding Box: 1.50



Symbol Colours: CHMGF

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57 E3.1.1	INT 1	
RESARE, CATREA 27 or 28	N 22	

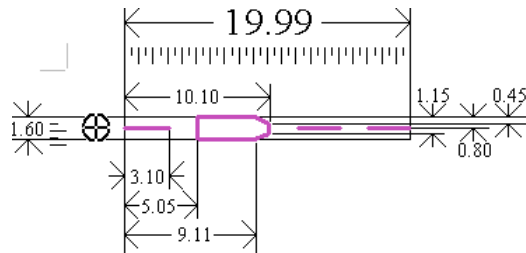
Symbol Name:	LC(FERYRT01)	RN: 487
--------------	-----------------------	---------

Symbol Explanation: ferry route

Look up table affected: line symbols

Pivot Point Column: -2.00
Pivot Point Row: 0.80

Width of Bounding Box: 19.99
Height of Bounding Box: 1.60



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FERYRT	M 50	

Symbol Name:	LC(FERYRT02)	RN: 488
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Symbol Explanation: cable ferry route

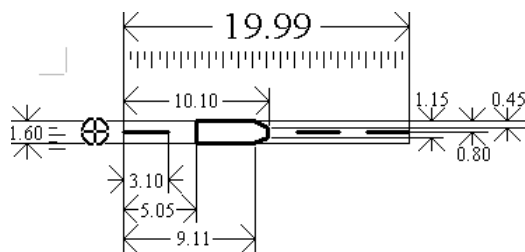
Look up table affected: line symbols

Pivot Point Column: -2.00

Pivot Point Row: 0.80

Width of Bounding Box: 19.99

Height of Bounding Box: 1.60



Symbol Colours: CHBLK

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FERYRT	M 51	----- Cable Ferry

Symbol Name:	LC(FSHFAC02)	RN: 489
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Symbol Explanation: fishing stakes

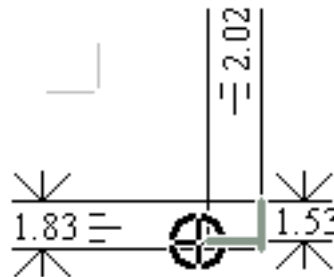
Look up table affected: line symbols

Pivot Point Column: -0.35

Pivot Point Row: 1.51

Width of Bounding Box: 2.02

Height of Bounding Box: 1.83



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC	K 44.1	

Symbol Name:	LC(FSHRES51)	RN: 490
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Symbol Explanation: boundary of an area where trawling or fishing is prohibited or restricted

Look up table affected: N/A

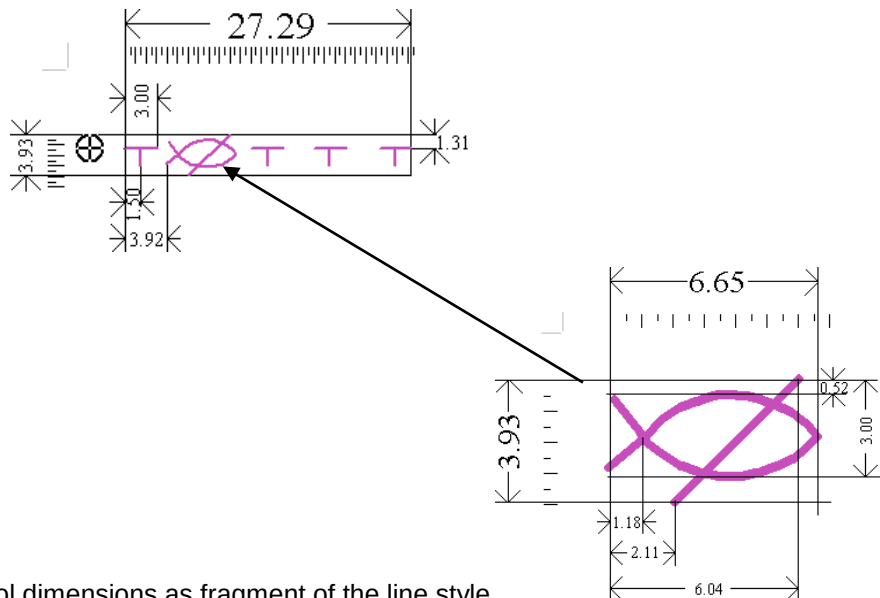
Called by CSP etc.: CSP RESARE04 Continuation C

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
RESARE	N 21	

Symbol Name:	LC(INDHLT02)	RN: 597
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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:



BKAJ1



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
-----	-------

Symbol Name:	LC(LOWACC01)	RN: 492
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Symbol Explanation: safety contour of low accuracy in position

Look up table affected: N/A

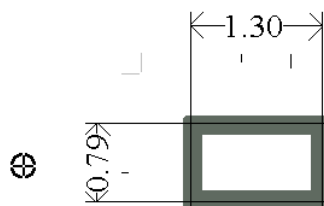
Called by CSP etc.: earlier versions of CSP DEPCNT

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	LC(LOWACC11)	RN: 493
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Symbol Explanation: contour of low accuracy in position

Look up table affected: N/A

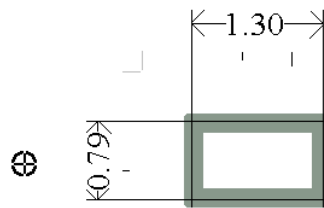
Called by CSP etc.: earlier versions of CSP DEPCNT

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

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

Symbol Name:	LC(LOWACC21)	RN: 494
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Symbol Explanation: coastline or shoreline construction of low accuracy in position

Look up table affected: N/A

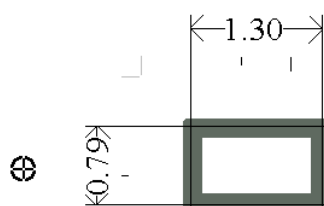
Called by CSP etc.: CSP QUALIN01,
CSP SLCONS04,
CSP SLCONS04 Continuation A

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
SLCONS	F 30,31; O 89	(F 31) 
COALNE	C 2, 32, 33; O 89	(C 2) 

Symbol Name:	LC(LOWACC31)	RN: 495
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Symbol Explanation: area of wrecks or obstructions of low accuracy

Look up table affected: N/A

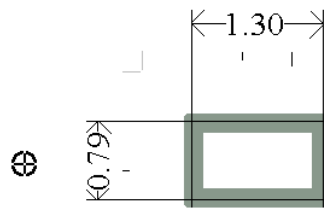
Called by CSP etc.: CSP OBSTRN07 Continuation B

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
OBSTRN	Not specified	

Symbol Name:	LC(LOWACC41)	RN: 496
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Symbol Explanation: danger line of low accuracy surrounding a foul area

Look up table affected: N/A

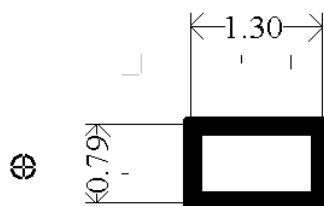
Called by CSP etc.: CSP OBSTRN07 Continuation B,
CSP WRECKS05 Continuation B

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

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	

Symbol Name:	LC(MARSYS51)	RN: 497
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Symbol Explanation: boundary between IALA-A and IALA-B systems of lateral buoys and beacons

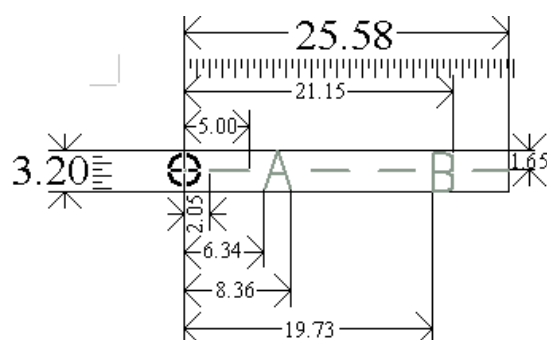
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 0.03

Pivot Point Row: 1.62

Width of Bounding Box: 25.58

Height of Bounding Box: 3.20



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
M_NSYS	Q 130.1

Symbol Name:	LC(NAVARE51)	RN: 498
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Symbol Explanation: boundary of a navigation feature such as a fairway, magnetic anomaly, etc.

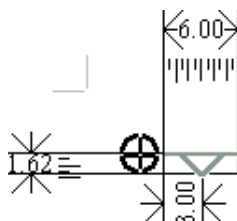
Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -2.00

Pivot Point Row: 0.00

Width of Bounding Box: 6.00

Height of Bounding Box: 1.62



Symbol Colours:



CHGRD

Comments:

Line weight 0.3 mm

Examples on ENC:

N/A

References:

S57	INT 1	
FAIRWY	not specified;	
FERYRT	M 50, 51;	
FSHFAC	K 44.1-2, 45;	
HRBARE	N 49;	
LOCMAG	B 82.1-2;	(B 82.1)
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;	
WRECKS	K 20-30;	

Symbol Name:	LC(NEWOBJ01)	RN: 588
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Symbol Explanation: new object

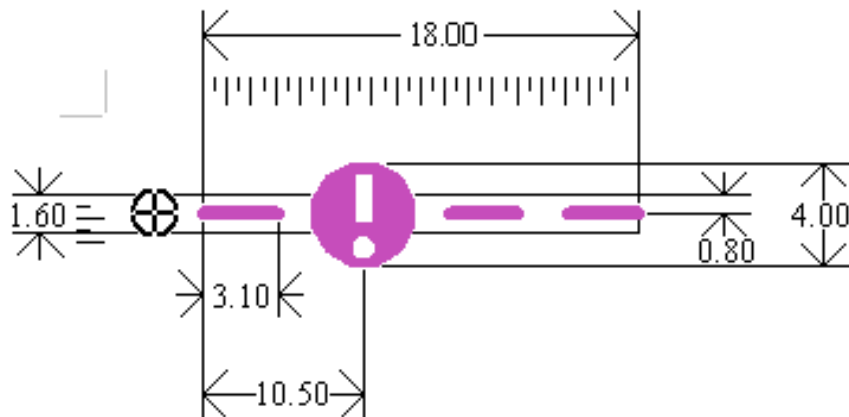
Look up table affected: line symbols

Pivot Point Column: -2.00

Pivot Point Row: 0.00

Width of Bounding Box: 20.00

Height of Bounding Box: 1.60



Symbol Colours: CHMGD

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57 E3.1.1	INT 1
NEWOBJ	N/A

Symbol Name:	LC(NONHODAT)	RN: 491
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Symbol Explanation: boundary of non-HO data

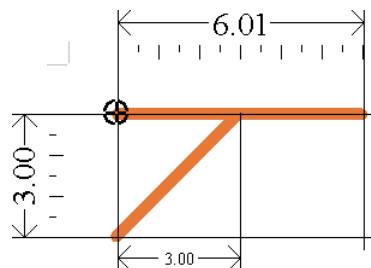
Look up table affected: N/A

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	LC(PIPARE51)	RN: 499
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Symbol Explanation: boundary of a submarine pipeline area with potentially dangerous contents

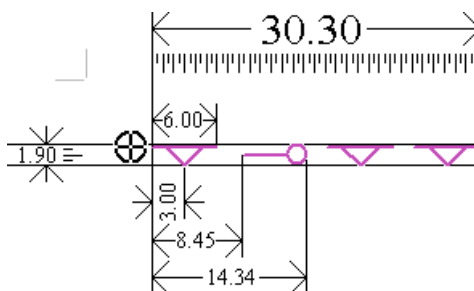
Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -1.98

Pivot Point Row: 0.27

Width of Bounding Box: 30.30

Height of Bounding Box: 1.90



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
PIPARE	L 40.2, 41.2	(L 40.2)

Symbol Name:	LC(PIPSOL05)	RN: 501
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Symbol Explanation: oil, gas pipeline, submerged or on land

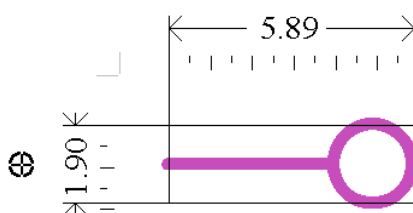
Look up table affected: line symbols

Pivot Point Column: -3.58

Pivot Point Row: 0.95

Width of Bounding Box: 5.89

Height of Bounding Box: 1.90



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm; circle diameter 1.9 mm

Examples on ENC: N/A

References:

S57	INT 1	
PIPSOL	D 29; L 42, 44	(D 29) (L 42) <i>Buried 1,6m</i> (L 44)

Symbol Name:	LC(PIPSOL06)	RN: 502
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Symbol Explanation: water pipeline, sewer, etc.

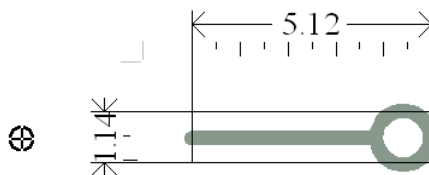
Look up table affected: line symbols

Pivot Point Column: -3.56

Pivot Point Row: 0.57

Width of Bounding Box: 5.12

Height of Bounding Box: 1.14



Symbol Colours: CHGRD

Comments: Line weight 0.6 mm; circle diameter 1.14 mm

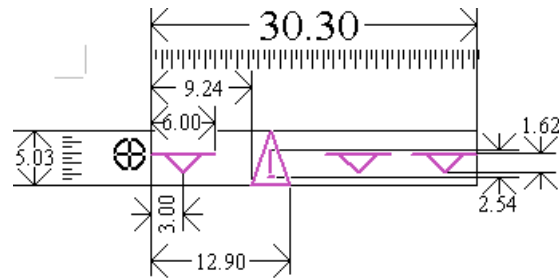
Examples on ENC: N/A

References:

S57	INT 1	
PIPSOL	L 41.1	The diagram shows the symbol for Water Outfall and Sewer Intake. It consists of a horizontal line with a circular end. The symbol is shown in a dark green color (CHGRD).

Symbol Name:	LC(PRCARE51)	RN: 504
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Symbol Explanation: boundary of a precautionary area
 Look up table affected: area symbols with symbolized boundaries
 Pivot Point Column: -1.98
 Pivot Point Row: 2.17
 Width of Bounding Box: 30.30
 Height of Bounding Box: 5.03



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

References:

S57	INT 1
PRCARE	M 16, 24;

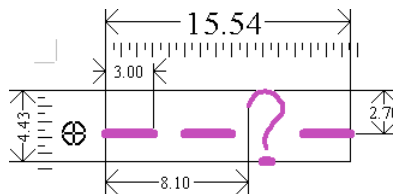
Symbol Name:	LC(QUESMRK1)	RN: 505
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Symbol Explanation: object which is not sufficiently described to be symbolized, or for which no symbol exists in the symbol library

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

Comments: Line weight 0.6 mm;
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	LC(RCRDEF11)	RN: 506
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Symbol Explanation: regulated recommended route centreline, details not defined

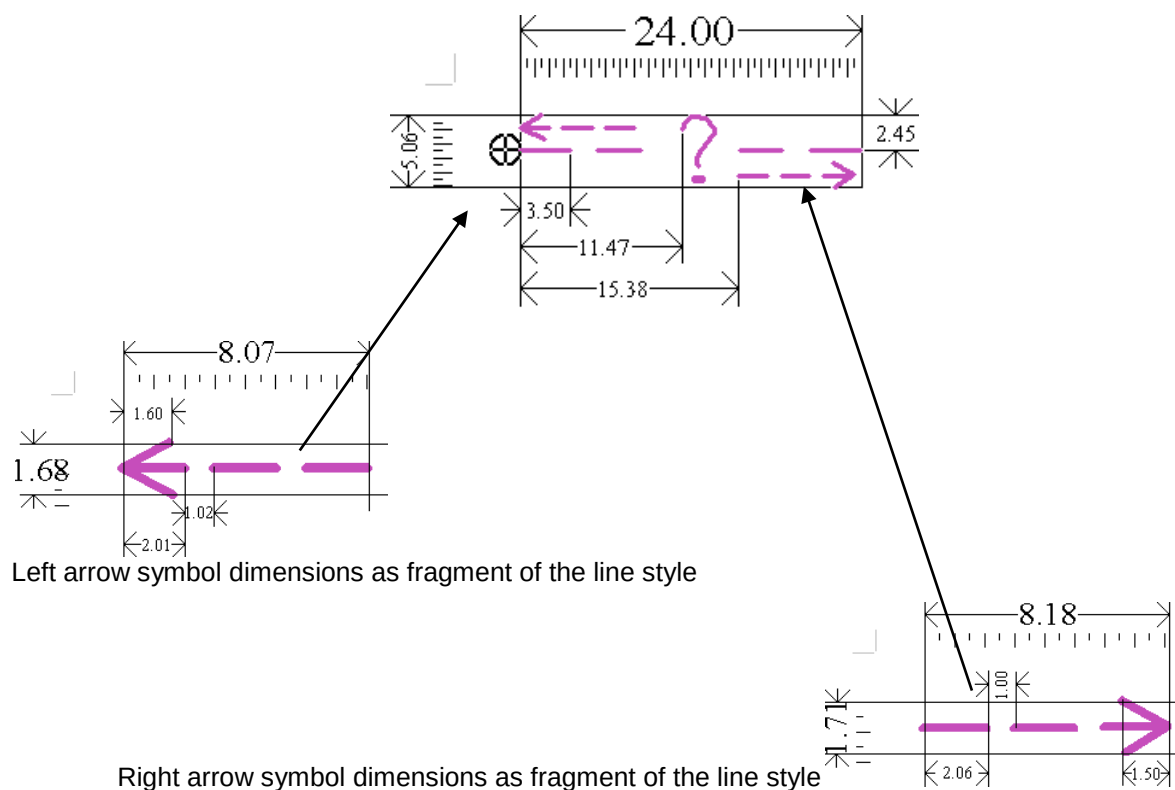
Look up table affected: line symbols

Pivot Point Column: -1.00

Pivot Point Row: 2.45

Width of Bounding Box: 24.00

Height of Bounding Box: 5.06



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm
Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC: N/A

References:

S57	INT 1
RCRTCL	M 28.1

Symbol Name:	LC(RCRTL11)	RN: 507
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Symbol Explanation: regulated two-way recommended route centreline, not based on fixed marks

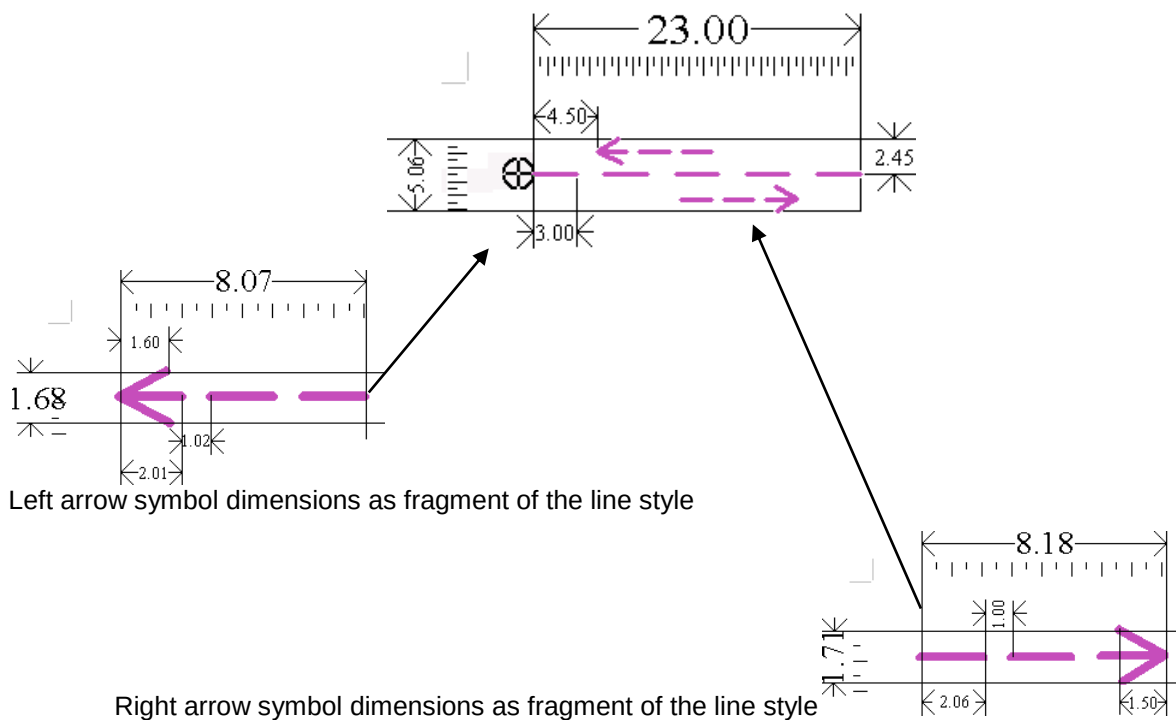
Look up table affected: line symbols

Pivot Point Column: -1.00

Pivot Point Row: 2.45

Width of Bounding Box: 23.00

Height of Bounding Box: 5.06



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RCRTL	M 28.1

Symbol Name:	LC(RCRTCL12)	RN: 508
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Symbol Explanation: regulated one-way recommended route centreline, not based on fixed marks

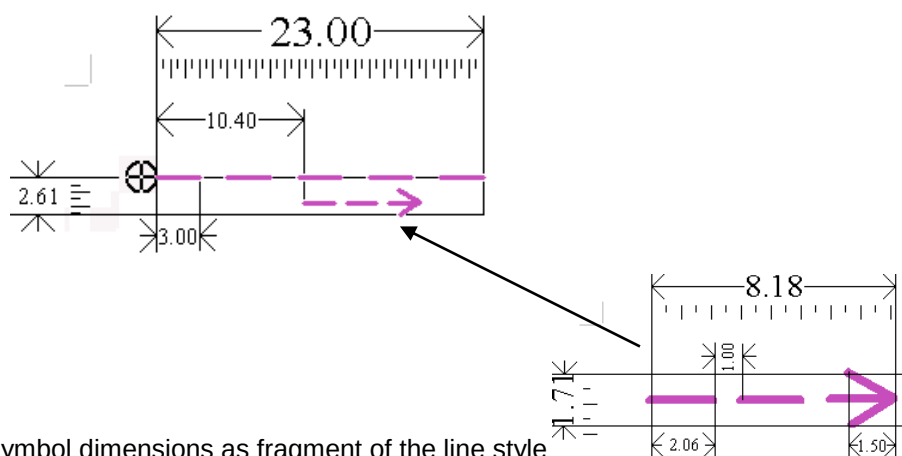
Look up table affected: line symbols

Pivot Point Column: -1.00

Pivot Point Row: 0.00

Width of Bounding Box: 23.00

Height of Bounding Box: 2.61



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RCRTCL	M 28.1

Symbol Name:	LC(RCRTL13)	RN: 509
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Symbol Explanation: regulated two-way recommended route centreline, based on fixed-marks

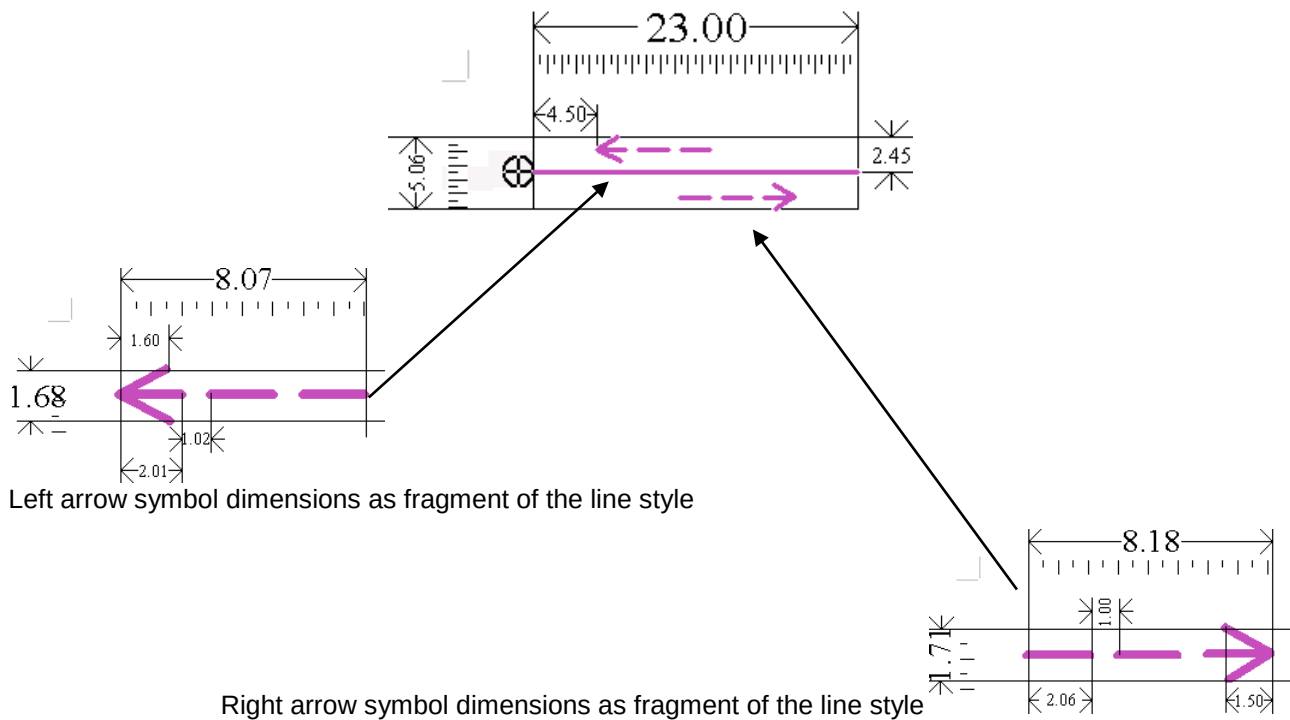
Look up table affected: line symbols

Pivot Point Column: -0.50

Pivot Point Row: 2.45

Width of Bounding Box: 23.00

Height of Bounding Box: 5.06



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RCRTL	M 28.1

Symbol Name:	LC(RCRTCL14)	RN: 510
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Symbol Explanation: regulated one-way recommended route centreline, based on fixed marks

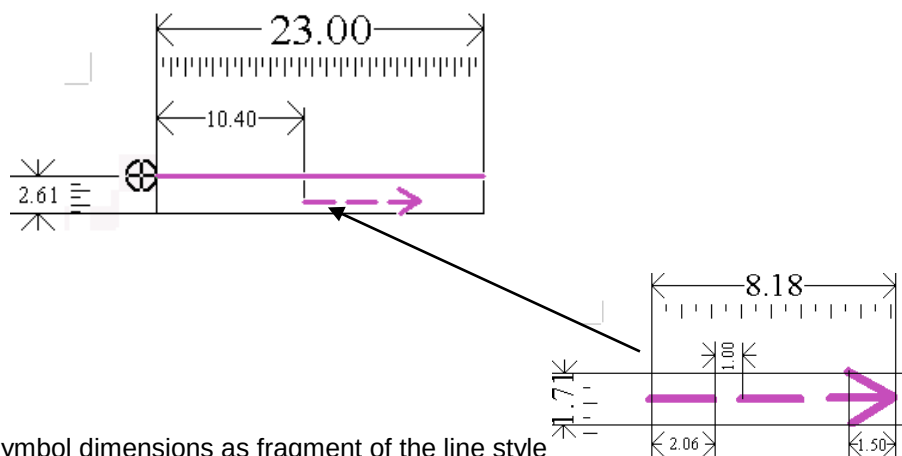
Look up table affected: line symbols

Pivot Point Column: -0.50

Pivot Point Row: 0.00

Width of Bounding Box: 23.00

Height of Bounding Box: 2.61



Symbol Colours: TRFCD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
RCRTCL	M 28.1

Symbol Name:	LC(RECDEF02)	RN: 511
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Symbol Explanation: non-regulated recommended track, direction not defined in data

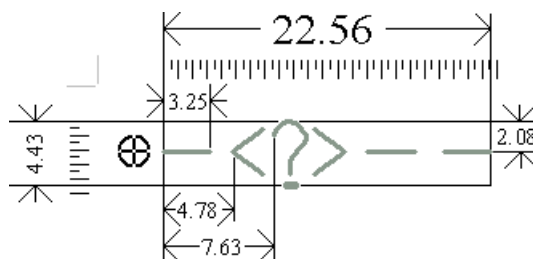
Look up table affected: line symbols

Pivot Point Column: -1.96

Pivot Point Row: 2.08

Width of Bounding Box: 22.56

Height of Bounding Box: 4.43



Symbol Colours:



CHGRD

Comments:

Line weight 0.3 mm

Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Question mark symbol dimensions like symbol SY(QUESMRK1)

Examples on ENC:

N/A

References:

S57	INT 1	
RECTRC	M 1, 3-6, 32.2; P 20.1, 20.2, 30.2	(M 5.2)

Symbol Name:	LC(RECTRC09)	RN: 512
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Symbol Explanation: non-regulated recommended two-way track, not based on fixed marks

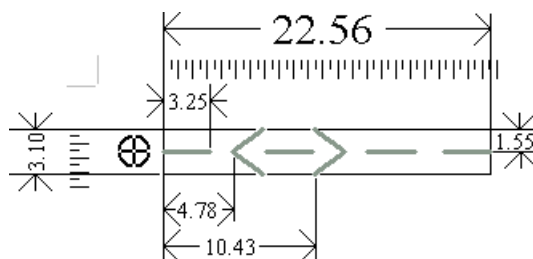
Look up table affected: line symbols

Pivot Point Column: -1.96

Pivot Point Row: 1.55

Width of Bounding Box: 22.56

Height of Bounding Box: 3.10



Symbol Colours:



CHGRD

Comments:

Line weight 0.3 mm;

Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC:

N/A

References:

S57	INT 1	
RECTRC	M 1, 3-6, 32.2; P 20.1, 20.2, 30.2	(M 4) ---<--->---090.5°-270.5° -----<--->-----

Symbol Name:	LC(RECTRC10)	RN: 153
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Symbol Explanation: non-regulated recommended two-way track, based on fixed-marks

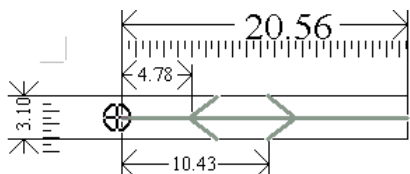
Look up table affected: line symbols

Pivot Point Column: -0.30

Pivot Point Row: 1.55

Width of Bounding Box: 20.56

Height of Bounding Box: 3.10



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 1, 3-6, 32.2; P 20.1, 20.2, 30.2	(M 3)
		2 Bns ∇ 090,5°-270,5°

Symbol Name:	LC(RECTRC11)	RN: 514
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Symbol Explanation: non-regulated recommended one-way track, not based on fixed marks

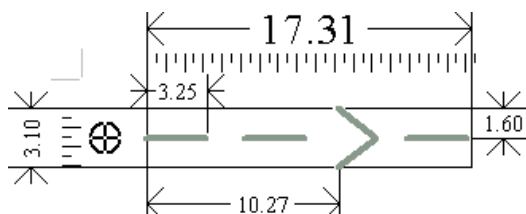
Look up table affected: line symbols

Pivot Point Column: -1.96

Pivot Point Row: 1.60

Width of Bounding Box: 17.31

Height of Bounding Box: 3.10



Symbol Colours: CHGRD

Comments: Line weight 0.3 mm;
Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC: N/A

References:

S57	INT 1	
RECTRC	M 1, 3-6, 32.2; P 20.1, 20.2, 30.2	(M 5.1) --<-----<---

Symbol Name:	LC(RECTRC12)	RN: 515
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Symbol Explanation: non-regulated recommended one-way track, based on fixed marks

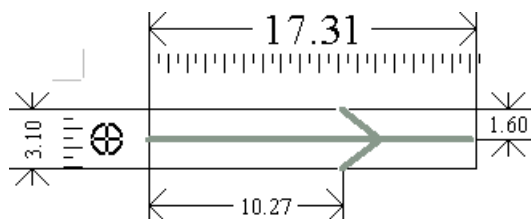
Look up table affected: line symbols

Pivot Point Column: -0.34

Pivot Point Row: 1.60

Width of Bounding Box: 17.31

Height of Bounding Box: 3.10



Symbol Colours:



CHGRD

Comments:

Line weight 0.3 mm;

Arrow symbol dimensions like used in line symbol LC(DWLDEF01)

Examples on ENC:

N/A

References:

S57	INT 1	
RECTRC	M 1, 3-6, 32.2; P 20.1, 20.2, 30.2	(M 5.1)

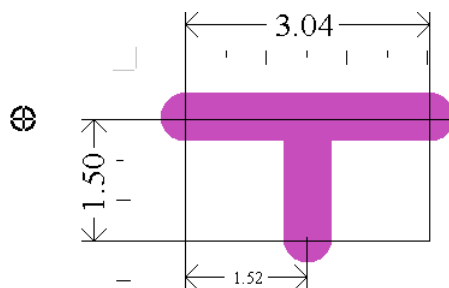
Symbol Name:	LC(RESARE51)	RN: 516
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Symbol Explanation: boundary of a restricted area

Look up table affected: area symbols with symbolized boundaries

Pivot Point Column: -2.01
Pivot Point Row: -0.02

Width of Bounding Box: 3.04
Height of Bounding Box: 1.50



Symbol Colours: CHMGD

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
ISTZNE	M 14, 25.1, 25.2	(M 14)

Symbol Name:	LC(SCLBDY51)	RN: 517
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Symbol Explanation: chart scale boundary, the double line indicates the larger scale

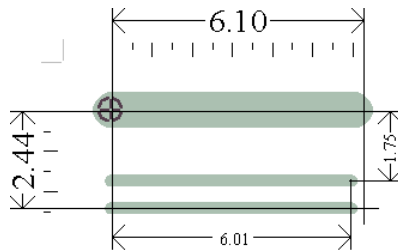
Look up table affected: N/A

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

Comments: Line weights 0.9 and 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	LC(TIDINF51)	RN: 518
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Symbol Explanation: boundary of an area for which there is tidal information

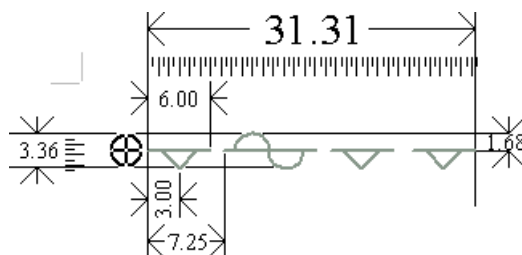
Look up table affected: area symbols with symbolized boundaries

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

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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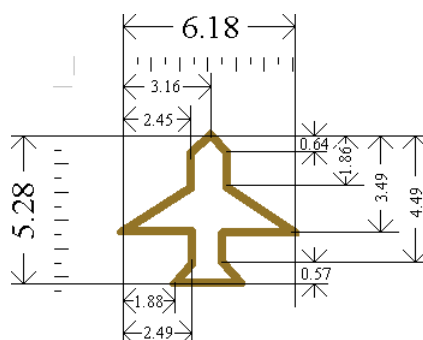
Symbol Name:	AP(AIRARE02)	RN: 444
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Symbol Explanation: pattern of symbols for an airport area

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

Pivot Point Column: 18.24
Pivot Point Row: 18.04

Width of Bounding Box: 6.18
Height of Bounding Box: 5.28



Symbol Colours:



LANDF

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1		
AIRARE	D 17		

Symbol Name:	AP(DIAMOND1)	RN: 445
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Symbol Explanation: area of depth less than the safety contour

Look up table affected: N/A

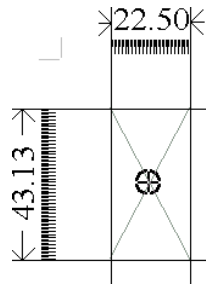
Called by CSP etc.: CSP SEABED01

Pivot Point Column: 11.25

Pivot Point Row: 21.57

Width of Bounding Box: 22.50

Height of Bounding Box: 43.13



Symbol Colours:  DEPCN

Pattern Type: Linear

Pattern Spacing: Constant

Minimum Distance: 0.00

Maximum Distance: 0.00

Comments: Line weight 0.3 mm;
See PresLib section 8.5.7

Examples on ENC: N/A

References:

S57	INT 1
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Symbol Name:	AP(DQUALA11)	RN: 446
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Symbol Explanation: pattern of symbols for a chart of 5m accuracy with full seafloor coverage

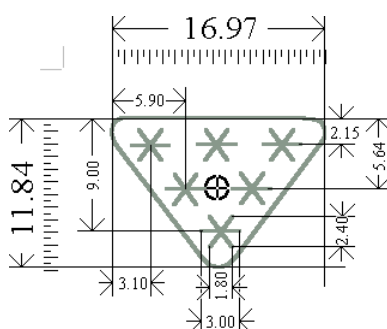
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.53

Pivot Point Row: 5.61

Width of Bounding Box: 16.97

Height of Bounding Box: 11.84



Symbol Colours: CHGRD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 14.00

Maximum Distance: 14.00

Comments: Line weight 0.3 mm; corner radii 1.2 mm

Examples on ENC: N/A

References:

S57	INT 1
M_QUAL	Not specified

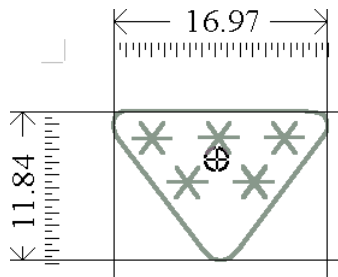
Symbol Name:	AP(DQUALA21)	RN: 447
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Symbol Explanation: pattern of symbols for a chart with 20m accuracy with full seafloor coverage

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

Pivot Point Column: 8.31
Pivot Point Row: 3.91

Width of Bounding Box: 16.97
Height of Bounding Box: 11.84



Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 14.00
Maximum Distance: 14.00

Comments: Line weight 0.3 mm; corner radii 1.2 mm
Further symbol dimensions like AP(DQUALA11)

Examples on ENC: N/A

References:

S57	INT 1
M_QUAL	Not specified

Symbol Name:	AP(DQUALB01)	RN: 448
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Symbol Explanation: pattern of symbols for a chart with 50m accuracy from standard survey based on lines of continuous soundings

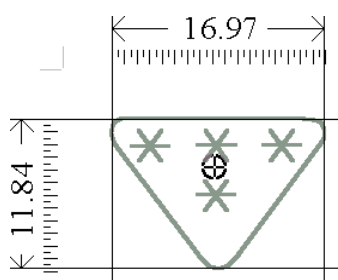
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

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

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

Symbol Name:	AP(DQUALC01)	RN: 449
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Symbol Explanation: pattern of symbols for a low accuracy or incomplete chart

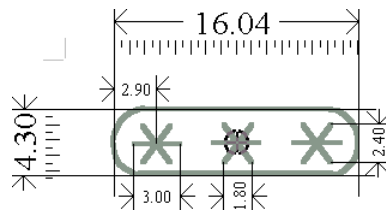
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.16

Pivot Point Row: 2.25

Width of Bounding Box: 16.04

Height of Bounding Box: 4.30



Symbol Colours: CHGRD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 16.00

Maximum Distance: 16.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
M_QUAL	Not specified	

Symbol Name:	AP(DQUALD01)	RN: 450
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Symbol Explanation: pattern of symbols for an unreliable chart

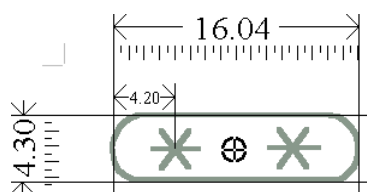
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 8.02

Pivot Point Row: 2.35

Width of Bounding Box: 16.04

Height of Bounding Box: 4.30



Symbol Colours: CHGRD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 16.00

Maximum Distance: 16.00

Comments: Line weight 0.3 mm
Further symbol dimensions like AP(DQUALC01)

Examples on ENC: N/A

References:

S57	INT 1	
M_QUAL	Not specified	

Symbol Name:	AP(DQUALU01)	RN: 451
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Symbol Explanation: pattern of symbols for a chart with quality not assessed

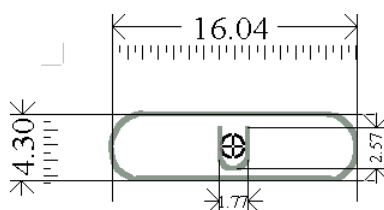
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

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

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	

Symbol Name:	AP(DRGARE01)	RN: 452
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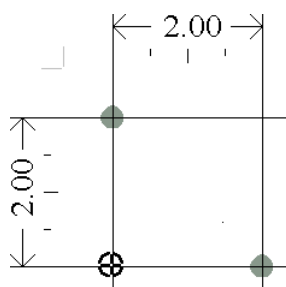
Symbol Explanation: dredged area

Look up table affected: N/A

Called by CSP etc.: CSP DEPAE03

Pivot Point Column: 0.00
Pivot Point Row: 2.00

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



Symbol Colours:  CHGRD

Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 1.50
Maximum Distance: 1.50

Comments: Point diameter 0.3 mm;
In order to avoid clutter which make other information difficult to read, the dot of this pattern should not be larger than 0.3 mm.

Examples on ENC: N/A

References:

S57	INT 1	
DRGARE	I 20-23	(I 21)  7,0m 

Symbol Name:	AP(FOULAR01)	RN: 453
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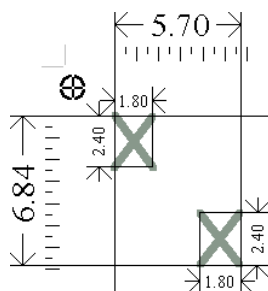
Symbol Explanation: foul area, not safe for navigation

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

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)
		 <i>Obstn</i>  <i>Obstn</i>

Symbol Name:	AP(FSHFAC03)	RN: 454
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Symbol Explanation: pattern of symbols for an area with fishing stakes

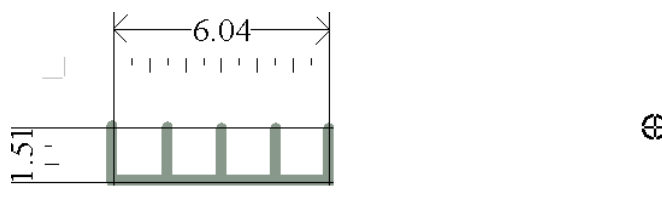
Look up table affected: area symbols with plain boundaries

Pivot Point Column: 15.08

Pivot Point Row: -0.05

Width of Bounding Box: 6.04

Height of Bounding Box: 1.51



Symbol Colours: CHGRD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 20.00

Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC	K 44.1	(K 44.1)

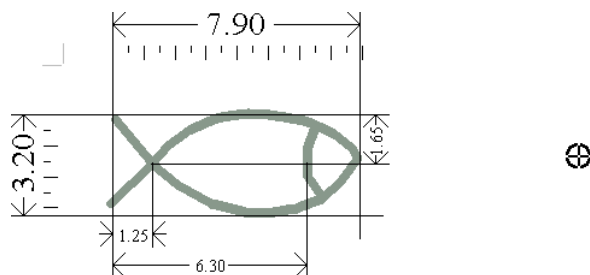
Symbol Name:	AP(FSHHAV02)	RN: 456
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Symbol Explanation: pattern of symbols for a fish haven

Look up table affected: area symbols with plain boundaries

Pivot Point Column: 14.90
Pivot Point Row: 1.35

Width of Bounding Box: 7.90
Height of Bounding Box: 3.20



Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
FSHFAC	Not specified	

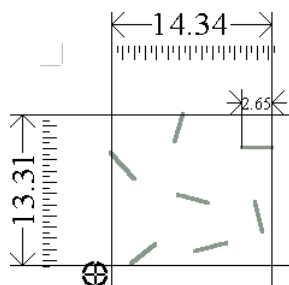
Symbol Name:	AP(ICEARE04)	RN: 457
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Symbol Explanation: continuous pattern for an ice area (glacier, etc.)

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

Pivot Point Column: -1.31
Pivot Point Row: 14.35

Width of Bounding Box: 14.34
Height of Bounding Box: 13.31



Symbol Colours:  CHGRD

Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 0.00
Maximum Distance: 0.00

Comments: Line weight 0.3 mm
seven short lines in given bounding box should cause uniform pattern on covered object

Examples on ENC: N/A

References:

S57	INT 1	
ICEARE	C 25; N 60.1, 60.2	(C 25) 

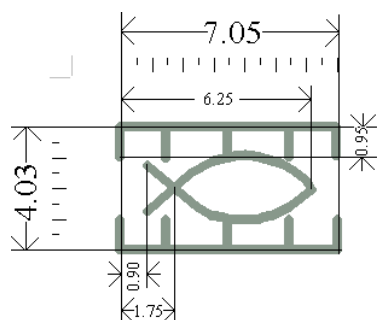
Symbol Name:	AP(MARCUL02)	RN: 458
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Symbol Explanation: pattern of symbols for a marine farm

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

Pivot Point Column: 19.93
Pivot Point Row: -1.99

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



Symbol Colours:  CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
MARCUL	K 47, 48.1, 48.2	(K 47) <i>Shellfish Beds</i> (see Note) (K 48.1)  (see Note) (K 48.2) 

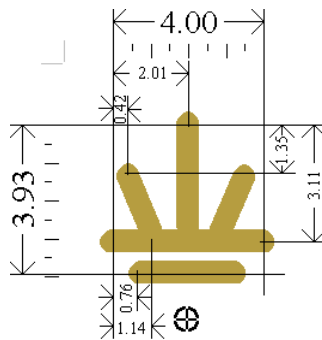
Symbol Name:	AP(MARSHES1)	RN: 459
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Symbol Explanation: pattern of symbols for a marsh

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

Pivot Point Column: 2.00
Pivot Point Row: 5.17

Width of Bounding Box: 4.00
Height of Bounding Box: 3.93



Symbol Colours:  CHBRN

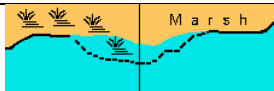
Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 15.00
Maximum Distance: 15.00

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
LND RGN	C 33	

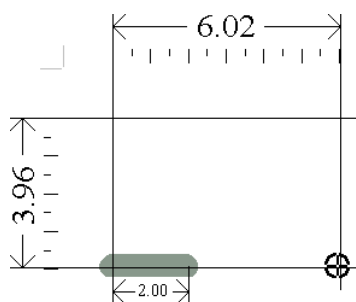
Symbol Name:	AP(NODATA03)	RN: 460
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Symbol Explanation: area of no chart data

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

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	

Symbol Name:	AP(OVERSC01)	RN: 461
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Symbol Explanation: over scale part of a display containing data from more than one navigation purpose

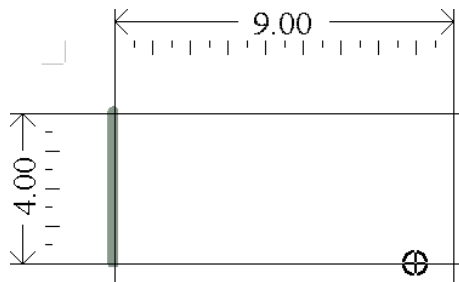
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

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

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	

Symbol Name:	AP(PRTSUR01)	RN: 462
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Symbol Explanation: incompletely surveyed area

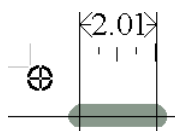
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: -1.01

Pivot Point Row: -1.01

Width of Bounding Box: 2.01

Height of Bounding Box: 0.00



Symbol Colours:  CHGRD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 10.00

Maximum Distance: 10.00

Comments: Line weight 0.6 mm

Examples on ENC: N/A

References:

S57	INT 1	
DEPARE	Not specified	

Symbol Name:	AP(QUESMRK1)	RN: 463
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Symbol Explanation: pattern of symbols for an area which is not sufficiently described to be symbolized, or for which no symbol exists in the symbol library

Look up table affected: default pattern for first line of earlier area symbols

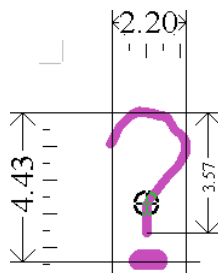
Called by CSP etc.: CSP TOPMAR01

Pivot Point Column: 1.08

Pivot Point Row: 2.74

Width of Bounding Box: 2.20

Height of Bounding Box: 4.43



Symbol Colours: CHMGD

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 20.00

Maximum Distance: 20.00

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

Examples on ENC: N/A

References:

S57	INT 1
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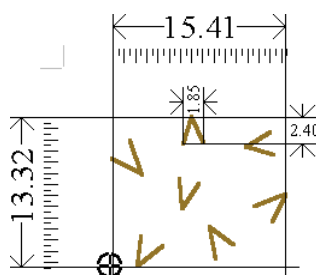
Symbol Name:	AP(RCKLDG01)	RN: 464
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Symbol Explanation: rock or coral drying ledges

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

Pivot Point Column: -0.06
Pivot Point Row: 13.38

Width of Bounding Box: 15.41
Height of Bounding Box: 13.32



Symbol Colours:  LANDF

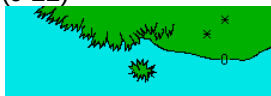
Pattern Type: Linear
Pattern Spacing: Constant

Minimum Distance: 0.00
Maximum Distance: 0.00

Comments: Line weight 0.3 mm
The seven "v" symbols in the box illustrated should form a continuous uniform pattern over the area of the object being symbolized.

Examples on ENC: N/A

References:

S57	INT 1	
SBDARE	J 9, 10, 21, 22, 38	(J 22)
		

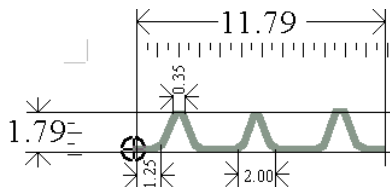
Symbol Name:	AP(SNDWAV01)	RN: 465
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Symbol Explanation: pattern of symbols for sand waves

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

Pivot Point Column: -0.08
Pivot Point Row: 1.83

Width of Bounding Box: 11.79
Height of Bounding Box: 1.79



Symbol Colours: CHGRD

Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 20.00
Maximum Distance: 20.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
SNDWAV	J 14	

Symbol Name:	AP(TSSJCT02)	RN: 466
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Symbol Explanation: precautionary area or a traffic separation scheme crossing or roundabout

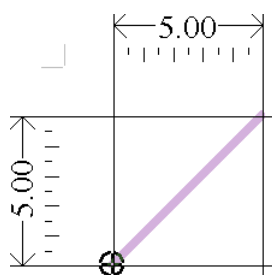
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 0.00

Pivot Point Row: 5.00

Width of Bounding Box: 5.00

Height of Bounding Box: 5.00



Symbol Colours:  TRFCF

Pattern Type: Linear

Pattern Spacing: Constant

Minimum Distance: 0.00

Maximum Distance: 0.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
PRCARE	M 16, 24	(M 16)
		 <i>Precautionary Area</i>
TSSCRS	M 23	
TSSLPT	M 10	
TSSRON	M 21	

Symbol Name:	AP(VEGATN03)	RN: 467
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Symbol Explanation: pattern of symbols for wooded areas

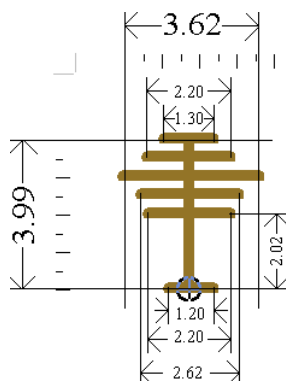
Look up table affected: area symbols with plain boundaries
area symbols with symbolized boundaries

Pivot Point Column: 1.75

Pivot Point Row: 3.98

Width of Bounding Box: 3.62

Height of Bounding Box: 3.99



Symbol Colours:



LANDF

Pattern Type: Staggered

Pattern Spacing: Constant

Minimum Distance: 10.00

Maximum Distance: 10.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
VEGATN	C 14, 30, 31.1-31.8; G 37-39	(C 30) (C 31.4)

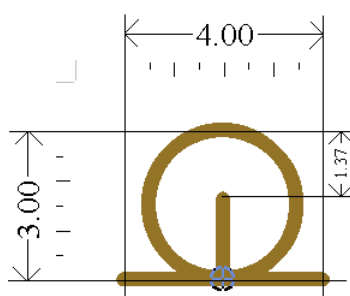
Symbol Name:	AP(VEGATN04)	RN: 468
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Symbol Explanation: pattern of symbols for mangroves

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

Pivot Point Column: 2.00
Pivot Point Row: 3.00

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



Symbol Colours: LANDF

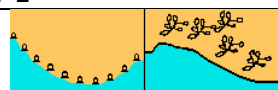
Pattern Type: Staggered
Pattern Spacing: Constant

Minimum Distance: 10.00
Maximum Distance: 10.00

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
VEGATN	C 32	

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