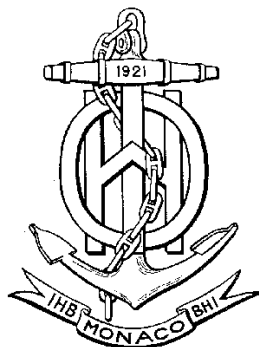**INTERNATIONAL HYDROGRAPHIC ORGANIZATION**

Special Publication No. 52, Appendix 2

COLOUR & SYMBOL SPECIFICATIONS FOR ECDIS

Edition 4.3 – January 2008

and its Annex A

IHO ECDIS PRESENTATION LIBRARY

Edition 3.4 – January 2008

C & S MAINTENANCE DOCUMENT

Number 7 – May 2009

DEFERRED AMENDMENT 8

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Introduction

Amendments to S-52 Appendix 2 affect primarily the ECDIS manufacturers, though the mariners will benefit from the improvements made. The procedures for amending S-52 Appendix 2 include both immediate and deferred amendments. Definitions and procedures for these amendments are given in S-52 App.2 "Colour & Symbol Specifications for ECDIS" (C&S Specs), section 1.2.4.1, but are as follows:

An amendment in general may be of the following two different types:
- a deferred amendment may contain either:
  - (a)   clarifications and deferred correction items, or
  - (b)   extension items, which are distributed separately.

- an immediate amendment which contains only items to be applied urgently,

A deferred amendment is not included in any S-52 Appendix 2 document until the new edition which is identified as bringing the deferred amendments into force. However OEMs may apply such deferred amendments at any time after their publication and do not have to wait for the implementation date of the new edition.

An immediate amendment is issued only in exceptional cases. It applies solely to corrections and extensions which directly affect safety of navigation. Immediate amendments have to be implemented to ECDIS under production and in the field at the earliest opportunity. An immediate amendment to the C&S Specs or Presentation Library (PresLib) changes the Edition number. It applies only to corrections, which must not depend on any deferred amendment.

The item number of each amendment item gives the edition number of the C&S Specs or the PresLib to which the amendment item applies. This Edition number will change once an immediate amendment is applied, but does not change for a deferred amendment.

At the end of each immediate amendment, there is a reminder of the current Edition number after the amendment is applied.

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S-52 APP. 2 – DEFERRED AMENDMENT 8
May 2009

NOTES

1.   These amendments are intended to remind users of S-52 Appendix 2 of the changes approved at the meeting CSMWG 18, Cape Town, May 2008 and to point out how these changes affect C&S Specifications Edition 4.3 and PresLib Edition 3.4 in detail.

2.   <u>CHANGE HISTORY OF S-52 APP.2 FROM CSMWG SPECS 4.0 --> 4.3 AND PRESLIB 3.0-->3.4 FROM 1997 TO 2008</u>

'MD' stands for IHO Maintenance Document; 'IA' stands for Immediate Amendment; and 'DA' stands for Deferred Amendment:

Colours & Symbols Specifications (S-52 Appendix 2)

- Edition 4.0 (July 1997) + MD1 IA i01 --> Edition 4.1 (January 1999)

- Edition 4.1 + MD2 DA d02 + MD4 DA d6 --> Edition 4.2 (March 2004)

- Edition 4.2 + MD5 DA d7 → Edition 4.3 (January 2008)

Presentation Library (Annex A to S-52 Appendix 2)

- Edition 3.0 (July 1997) + MD1 IA i01 → Edition 3.1 (January 1999)

- Edition 3.1 + MD 3 IA i04 --> Edition 3.2 (May 2000)

- Edition 3.2 + MD2 DA d02 + MD3 DA d05 + MD4 DA d6 → Edition 3.3 (2004)

- Edition 3.3 + MD5 IA i5 + MD5 DA d7 → Edition 3.4 (January 2008)

- Edition 3.4 + MD7 DA d8 (May 2009)
- Digital versions:

    - PRSLIB03.dai (July 1997),
    - PSLB03_1.dai (December 1998),
    - PSLB03_2.dai (May 2000),
    - PSLB03_3.dai (March 2004),
    - PSLB03_4.dai (January 2008),

- Temporary digital files: PSTY03_0.dai (June 1999), PSTY3_2b.dai (October 2001) (see amendment d05.cl.005)

- Paper based description of symbols:
    - Addendum to Part I, Users' Manual (2003)
    - Addendum to Part I, Users' Manual (2007)
    - Addendum to Part I, Users' Manual (2008), Edition 3.4

Edition 3.4 of the PresLib, was triggered by the introduction of new objects, object attributes and attribute values in S-57 Supplement No. 1, issued in January 2007. Edition 4.3 of the PresLib itself is to be set in force in conjunction with the S-57 Supplement No. 1 by 1. January 2008.

TSMAD and CSMWG commonly identified minor deficiencies of PresLib 3.4 and supplement the affected clauses by means of this Maintenance Document No. 7 dated from March 2009 for the following amendments:

INDEX OF ITEMS IN DEFFERED AMENDMENT 8

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S-52 APP. 2 – DEFFERED AMENDMENT 8

Throughout this amendment changes to the CSMWG Specs. and the PresLib. are indicated by ~~strikethrough~~ *text for deletions and* **bold text** *for additions.*

<u>Item No. PL03.4.d8.co.1</u> Correction to PresLib Look-up table
                                    correct DGPS symbol

<u>Item No.PL03.4.d8.ad.2</u> Addition to PresLib Look-up table
                                    point and area objects

<u>Item No.PL03.4.d8.ad.3</u> Addition to PresLib symbol description (Users' Manual Addendum)
                                    CHECKPOINT and GRIDIRON symbol

<u>Item No. PL03.4.d8.co.1</u> Correction to PresLib Look-up table
correct DGPS symbol

Corrected look up table entries see gray shaded entries for RDOSTA under Look up table listings contained in <u>Item No.PL03.4.d8.ad.2 below</u>

<u>Item No.PL03.4.d8.ad.2</u>   Addition to PresLib Look-up table
point and area objects

11.   LOOK-UP TABLE LISTINGS

The Presentation Library provides five look-up tables:

1a. paper chart point symbols (buoys and beacons are similar to the paper chart)
1b. simplified point symbols (buoys and beacons are more prominent)
2.   line symbols
3a. area symbols with plain boundaries (for general use)
3b. area symbols with symbolized boundaries (for large scale display)

The ECDIS should provide all of these and make the options available to the mariner.

Some of the look-up table entries describe the presentation of mariners' navigational objects. Please see Part II of the PresLib for further details and definitions of mariners' navigational object classes.

See 8.3 for further explanation how to use the look-up tables.

11.1 Look-Up Table Listing for Object Type Point 'P'

11.1.1 Look-up Table for paper chart point symbolization

* *** PAPER CHART POINTS ***
* *** This is the look-up table for point symbolization. ***
* *** **For edition 3.4 Preslib, dated January 2008   ********
*
* Each line contains minimum 6 fields:
* 1. field - code of the object class
* 2. field - attribute combination
* 3. field - symbolization instruction
* 4. field - display priority
* 5. field - radar
* 6. field - IMO display category
* 7. field - viewing group (optional)
*
* Each field entry is framed by '"' and fields are separated by ','.
*
* Please note, that the entries to this table must be in
* alphabetic order (sorted by the class code).
*
* This table has 2 sections:
*
* - The first section contains symbolization instructions for
*   standard S-57 'real world' objects:
* - The second section contains symbolization instructions for
*   non-standard (class code in lowercase) objects:
*
* default for symbolization failure; must be the first entry to look-up table
"#####","","SY(QUESMRK1)","5","O","STANDARD","21010"

```
*
* ***                        ***
* *** section one: REAL WORLD CLASSES ***
* ***                        ***
*
"ACHARE","","SY(ACHARE02)","6","O","STANDARD","26220"
"ACHBRT","","SY(ACHBRT07);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","5","O","STANDARD","26220"
"AIRARE","","SY(AIRARE02)","4","O","OTHER","32240"
"BCNCAR","","SY(BCNGEN03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","  27020"
"BCNCAR","BCNSHP1","SY(BCNSTK02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","BCNSHP3","SY(BCNTOW01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","BCNSHP4","SY(BCNLTC01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","BCNSHP5","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","BCNSHP7","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","","SY(BCNGEN03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","  27020"
"BCNISD","BCNSHP1","SY(BCNSTK02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","BCNSHP3","SY(BCNTOW01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","BCNSHP4","SY(BCNLTC01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","BCNSHP5","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","BCNSHP7","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","","SY(BCNGEN03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","  27020"
"BCNLAT","BCNSHP2CATLAM1","SY(PRICKE03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP2CATLAM2","SY(PRICKE04);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP6CONVIS1","SY(CAIRNS11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP1","SY(BCNSTK02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP3","SY(BCNTOW01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP4","SY(BCNLTC01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP5","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP6","SY(CAIRNS01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP7","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","","SY(BCNGEN03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP1","SY(BCNSTK02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP3","SY(BCNTOW01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP4","SY(BCNLTC01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP5","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP7","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","","SY(BCNGEN03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP6CONVIS1","SY(CAIRNS11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","CATSPM18","SY(NOTBRD11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","CATSPM44","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP1","SY(BCNSTK02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP3","SY(BCNTOW01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP4","SY(BCNLTC01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP5","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP6","SY(CAIRNS01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP7","SY(BCNGEN01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-2,CHBLK,21)","8","O","STANDARD","27020"
"BERTHS","","SY(BRTHNO01);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","5","O","OTHER","32440"
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"BOYCAR","","SY(BOYGEN03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP1","SY(BOYCON01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP2","SY(BOYCAN01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP3","SY(BOYSPH01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP4","SY(BOYPIL01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP5","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP6","SY(BOYBAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP7","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","BOYSHP8","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYINB","","SY(BOYINB01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","","SY(BOYGEN03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP1","SY(BOYCON01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP2","SY(BOYCAN01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP3","SY(BOYSPH01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP4","SY(BOYPIL01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP5","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP6","SY(BOYBAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP7","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","BOYSHP8","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","","SY(BOYGEN03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","- 27010"
"BOYLAT","BOYSHP1","SY(BOYCON01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP2","SY(BOYCAN01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP3","SY(BOYSPH01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP4","SY(BOYPIL01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP5","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP6","SY(BOYBAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP7","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP8","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","","SY(BOYGEN03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP3","SY(BOYSPH01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP4","SY(BOYPIL01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP5","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP6","SY(BOYBAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP7","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","BOYSHP8","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","","SY(BOYGEN03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM9","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM15","SY(BOYSUP03);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP1","SY(BOYCON01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP2","SY(BOYCAN01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP3","SY(BOYSPH01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP4","SY(BOYPIL01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP5","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP6","SY(BOYBAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP7","SY(BOYSUP01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP8","SY(BOYSPR01);TE('by %s','OBJNAM',2,1,2,'15110',-2,-1,CHBLK,21)","8","O","STANDARD","27010"
"BRIDGE","","","","","",""
"BUAARE","","SY(BUAARE02);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","3","O","STANDARD","22240"
"BUISGL","","SY(BUISGL01)","4","O","OTHER","32220"
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"BUISGL","FUNCTN33CONVIS1OBJNAM","SY(POSGEN03);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","6","O","STANDARD","22220"
"BUISGL","FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"BUISGL","FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"BUISGL","FUNCTN22CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN23CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN24CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN25CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN26CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"BUISGL","FUNCTN27CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"BUISGL","FUNCTN33CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"BUISGL","FUNCTN35CONVIS1","SY(TNKCON12)","6","O","STANDARD","22220"
"BUISGL","FUNCTN33OBJNAM","SY(POSGEN03);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","4","O","OTHER","32220"
"BUISGL","CONVIS1","SY(BUISGL11)","6","O","STANDARD","22220"
"BUISGL","FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"BUISGL","FUNCTN21","SY(BUIREL01)","4","O","OTHER","32220"
"BUISGL","FUNCTN22","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN23","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN24","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN25","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN26","SY(BUIREL05)","4","O","OTHER","32220"
"BUISGL","FUNCTN27","SY(BUIREL05)","4","O","OTHER","32220"
"BUISGL","FUNCTN33","SY(POSGEN03)","4","O","OTHER","32220"
"BUISGL","FUNCTN35","SY(TNKCON02)","4","O","OTHER","32220"
"CGUSTA","","SY(CGUSTA02)","7","O","OTHER","38030"
"CHKPNT","","","","","",""
"CHKPNT","","SY(CHKPNT01)","4","S","OTHER","32410"
"CRANES","","SY(CRANES01)","4","O","OTHER","32440"
"CTNARE","","SY(CHINFO06)","4","O","STANDARD","26050"
"CTRPNT","","SY(POSGEN04)","4","O","OTHER","32250"
"CTSARE","","SY(CHINFO07)","4","O","STANDARD","26250"
"CURENT","","","","","",""
"CURENT","","SY(CURDEF01)","5","O","OTHER","33000"
"CURENT","ORIENTCURVEL","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","5","O","OTHER","33060"
"CURENT","ORIENT","SY(CURENT01,ORIENT)","5","O","OTHER","33060"
"DAMCON","","","","","",""
"DAMCON","CATDAM3","SY(CHINFO06)","4","O","STANDARD","22010"
"DAYMAR","","SY(DAYSQR21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP19","SY(DAYSQR21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP20","SY(DAYSQR21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP21","SY(DAYSQR21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP24","SY(DAYTRI21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP25","SY(DAYTRI25);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DISMAR","","SY(DISMAR03);TX(INFORM,2,1,2,'15110',2,0,CHBLK,21)","7","O","OTHER","32430"
"DISMAR","CATDIS1","SY(DISMAR04);TX(INFORM,2,1,2,'15110',2,0,CHBLK,21)","7","O","OTHER","32430"
"DMPGRD","","SY(CHINFO07)","4","O","STANDARD","26240"
"FOGSIG","","SY(FOGSIG01)","6","O","STANDARD","27080"
"FORSTC","","SY(FORSTC01)","4","O","OTHER","32220"
"FORSTC","CONVIS1","SY(FORSTC11)","4","O","STANDARD","22220"
"FSHFAC","","SY(FSHHAV01)","4","O","OTHER","34040"
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"FSHFAC","CATFIF1","SY(FSHFAC03)","4","O","OTHER","34040"
"FSHFAC","CATFIF2","SY(FSHFAC02)","4","O","OTHER","34040"
"FSHFAC","CATFIF3","SY(FSHFAC02)","4","O","OTHER","34040"
"FSHFAC","CATFIF4","SY(FSHFAC02)","4","O","OTHER","34040"
"GATCON","","SY(GATCON04)","8","O","STANDARD","22010"
"GATCON","CATGAT2","SY(GATCON04)","8","O","STANDARD","22010"
"GATCON","CATGAT3","SY(GATCON04)","8","O","OTHER","32440"
"GATCON","CATGAT4","SY(GATCON03)","8","O","OTHER","32440"
"GRIDRN","","","","","",""
"GRIDRN","","SY(GRIDRN01)","5","S","OTHER","32460"
"HRBFAC","","SY(CHINFO07)","4","O","OTHER","32410"
"HRBFAC","CATHAF1","SY(ROLROL01)","4","O","OTHER","32410"
"HRBFAC","CATHAF4","SY(HRBFAC09)","4","O","OTHER","32410"
"HRBFAC","CATHAF5","SY(SMCFAC02)","4","O","OTHER","32410"
"HULKES","","SY(HULKES01)","5","O","DISPLAYBASE","12410"
"ICNARE","","SY(CHINFO07)","4","O","STANDARD","26250"
"LIGHTS","","CS(LIGHTS05)","8","O","STANDARD","27070"
"LITFLT","","SY(LITFLT01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"LITVES","","SY(LITVES01);TE('LtV %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27011"
"LNDARE","","SY(LNDARE01); TX(OBJNAM,1,2,2,'15110',0,1,CHBLK,26);CS(QUAPOS01)","4","O","DISPLAYBASE","12010"
"LNDELV","","SY(POSGEN04);TE('%3.0lf m','ELEVAT',3,2,2,'15110',1,0,CHBLK,28)","4","O","OTHER","32010"
"LNDMRK","","SY(POSGEN01)","4","O","OTHER","32220"
"LNDMRK","CATLMK17FUNCTN33CONVIS1","SY(TOWERS03);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN26CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN27CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN33","SY(TOWERS01);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","4","O","OTHER","32220"
"LNDMRK","CATLMK1CONVIS1","SY(CAIRNS11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK3CONVIS1","SY(CHIMNY11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK4CONVIS1","SY(DSHAER11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK5CONVIS1","SY(FLGSTF01)","6","O","STANDARD","22220"
"LNDMRK","CATLMK6CONVIS1","SY(FLASTK11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK7CONVIS1","SY(MSTCON14)","6","O","STANDARD","22220"
"LNDMRK","CATLMK8CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"LNDMRK","CATLMK9CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK10CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK12CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK13CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15CONVIS1","SY(DOMES011)","6","O","STANDARD","22220"
"LNDMRK","CATLMK16CONVIS1","SY(RASCAN11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17CONVIS1","SY(TOWERS03)","6","O","STANDARD","22220"
"LNDMRK","CATLMK18CONVIS1","SY(WNDMIL12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK19CONVIS1","SY(WIMCON11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
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"LNDMRK","CATLMK20FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"LNDMRK","CATLMK1","SY(CAIRNS01)","4","O","OTHER","32220"
"LNDMRK","CATLMK3","SY(CHIMNY01)","4","O","OTHER","32220"
"LNDMRK","CATLMK4","SY(DSHAER01)","4","O","OTHER","32220"
"LNDMRK","CATLMK5","SY(FLGSTF01)","4","O","OTHER","32220"
"LNDMRK","CATLMK6","SY(FLASTK01)","4","O","OTHER","32220"
"LNDMRK","CATLMK7","SY(MSTCON04)","4","O","OTHER","32220"
"LNDMRK","CATLMK8","SY(POSGEN03)","4","O","OTHER","32220"
"LNDMRK","CATLMK9","SY(MONUMT02)","4","O","OTHER","32220"
"LNDMRK","CATLMK10","SY(MONUMT02)","4","O","OTHER","32220"
"LNDMRK","CATLMK12","SY(MONUMT02)","4","O","OTHER","32220"
"LNDMRK","CATLMK13","SY(MONUMT02)","4","O","OTHER","32220"
"LNDMRK","CATLMK15","SY(DOMES001)","4","O","OTHER","32220"
"LNDMRK","CATLMK16","SY(RASCAN01)","4","O","OTHER","32220"
"LNDMRK","CATLMK17","SY(TOWERS01)","4","O","OTHER","32220"
"LNDMRK","CATLMK18","SY(WNDMIL02)","4","O","OTHER","32220"
"LNDMRK","CATLMK19","SY(WIMCON01)","4","O","OTHER","32220"
"LNDMRK","CATLMK20","SY(POSGEN01)","4","O","OTHER","32220"
"LNDMRK","CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"LNDRGN","","SY(POSGEN04);TX(OBJNAM,1,2,2,'15110',0,-1,CHBLK,26)","4","O","STANDARD","21060"
"LOCMAG","","SY(LOCMAG01)","4","O","OTHER","31080"
"LOGPON","","SY(FLTHAZ02)","4","O","OTHER","34050"
"M_NPUB","","SY(CHINFO07)","4","O","OTHER","31020"
"MAGVAR","","SY(MAGVAR01);TX(VALMAG,3,1,2,'15110',1,-1,CHBLK,27)","4","O","OTHER","31080"
"MARCUL","","SY(MARCUL02)","4","O","STANDARD","26210"
"MIPARE","","SY(CHINFO06)","4","O","STANDARD","26040"
"MORFAC","","SY(MORFAC03)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR7BOYSHP3","SY(BOYMOR01)","8","O","STANDARD","27010"
"MORFAC","CATMOR7BOYSHP6","SY(BOYMOR03)","8","O","STANDARD","27010"
"MORFAC","CATMOR1","SY(MORFAC03)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR2","SY(MORFAC04)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR3","SY(PILPNT02)","6","O","OTHER","32440"
"MORFAC","CATMOR5","SY(PILPNT02)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR7","SY(BOYMOR11)","8","O","STANDARD","27010"
"NEWOBJ","","SY(NEWOBJ01)","6","S","STANDARD","21020"
"NEWOBJ","SYMINS","CS(SYMINS01)","6","S","STANDARD","21020"
"OBSTRN","","CS(OBSTRN06)","4","O","OTHER","34050"
"OBSTRN","CATOBS7VALSOU","SY(FOULGND1)","4","O","OTHER","34051"
"OBSTRN","CATOBS8VALSOU","SY(FLTHAZ02)","4","O","OTHER","34051"
"OBSTRN","CATOBS9VALSOU","SY(ACHARE02)","4","O","OTHER","34051"
"OBSTRN","CATOBS10VALSOU","SY(FLTHAZ02)","4","O","OTHER","34051"
"OBSTRN","CATOBS7","SY(FOULGND1)","4","O","OTHER","34050"
"OBSTRN","CATOBS8","SY(FLTHAZ02)","4","O","OTHER","34050"
"OBSTRN","CATOBS9","SY(ACHARE02)","4","O","OTHER","34050"
"OBSTRN","CATOBS10","SY(FLTHAZ02)","4","O","OTHER","34050"
"OBSTRN","WATLEV7","SY(FLTHAZ02)","4","O","DISPLAYBASE","12410"
"OFSPLF","","SY(OFSPLF01);TE('Prod %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","5","O","DISPLAYBASE","12210"
"PILBOP","","SY(PILBOP02);TE('Plt %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","6","O","STANDARD","28010"
"PILPNT","","SY(PILPNT02)","5","O","DISPLAYBASE","12410"
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"PIPARE","","SY(CHINFO07)","4","O","STANDARD","26230"
"PIPSOL","",",",",",",","
"PRCARE","","SY(PRCARE12)","5","O","STANDARD","25010"
"PRDARE","",",",",",",","
"PRDARE","CATPRA5CONVIS1","SY(FLASTK11)","4","O","STANDARD","22220"
"PRDARE","CATPRA8CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"PRDARE","CATPRA9CONVIS1","SY(WIMCON11)","4","O","STANDARD","22220"
"PRDARE","CATPRA1","SY(PRDINS02)","34","O","OTHER","32270"
"PRDARE","CATPRA5","SY(FLASTK01)","34","O","OTHER","32270"
"PRDARE","CATPRA6","SY(TMBYRD01)","34","O","OTHER","32270"
"PRDARE","CATPRA8","SY(TNKCON02)","34","O","OTHER","32270"
"PRDARE","CATPRA9","SY(WIMCON01)","34","O","OTHER","32270"
"PYLONS","","SY(POSGEN03)","8","O","DISPLAYBASE","12210"
"RADRFL","","SY(RADRFL03)","6","O","STANDARD","27230"
"RADSTA","","SY(POSGEN01)","5","O","OTHER","38010"
"RADSTA","CATRAS2","SY(RDOSTA02);TE('ch %s','COMCHA',3,1,2,'15110',0,0,CHBLK,11)","5","O","OTHER","38010"
"RAPIDS","","",",",",",","
"RCTLPT","","SY(RTLDEF51)","4","O","STANDARD","25020"
"RCTLPT","ORIENT","SY(RCTLPT52,ORIENT)","4","O","STANDARD","25020"
"RDOCAL","","SY(RCLDEF01);TE('Nr %s','OBJNAM',3,2,2,'15110',1,-1,CHBLK,21)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC1ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC2ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC3ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC4ORIENT","SY(RDOCAL03,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOSTA","","SY(RDOSTA02)","4","O","OTHER","38010"
"RDOSTA","CATROS10","SY(DGPS01DRFSTA01)","4","O","OTHER","38010"
"RETRFL","","SY(RETRFL01)","6","O","STANDARD","27080"
"ROADWY","","",",",",",","
"RSCSTA","","SY(RSCSTA02)","7","O","OTHER","38030"
"RTPBCN","","SY(RTPBCN02)","6","O","STANDARD","27210"
"RUNWAY","","",",",",",","
"SBDARE","","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25)","4","O","OTHER","34010"
"SEAARE","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"SILTNK","","SY(TNKCON02)","4","O","OTHER","32220"
"SILTNK","CATSIL1CONVIS1","SY(SILBUI11)","4","O","STANDARD","22220"
"SILTNK","CATSIL2CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"SILTNK","CATSIL3CONVIS1","SY(TOWERS03)","4","O","STANDARD","22220"
"SILTNK","CATSIL4CONVIS1","SY(TOWERS12)","4","O","STANDARD","22220"
"SILTNK","CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"SILTNK","CATSIL1","SY(SILBUI01)","4","O","OTHER","32220"
"SILTNK","CATSIL2","SY(TNKCON02)","4","O","OTHER","32220"
"SILTNK","CATSIL3","SY(TOWERS01)","4","O","OTHER","32220"
"SILTNK","CATSIL4","SY(TOWERS02)","4","O","OTHER","32220"
"SISTAT","","SY(SISTAT02)","7","O","STANDARD","28020"
"SISTAW","","SY(SISTAT02)","7","O","STANDARD","28020"
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"SLCONS","","SY(MORFAC03);CS(SLCONS03)","8","O","DISPLAYBASE","12410"
"SLOGRD","","SY(HILTOP01)","3","S","OTHER","32010"
"SLOTOP","","SY(HILTOP01)","3","S","OTHER","32010"
"SLOTOP","CONVIS1","SY(HILTOP11)","3","S","STANDARD","22220"
"SMCFAC","","","","","",""
"SMCFAC","","SY(SMCFAC02)","4","S","OTHER","38210"
"SNDWAV","","SY(SNDWAV02)","4","O","STANDARD","24010"
"SOUNDG","","CS(SOUNDG02)","6","O","OTHER","33010"
"SPLARE","","SY(CHINFO06)","4","O","STANDARD","26040"
"SPRING","","SY(SPRING02)","4","O","OTHER","34020"
"T_HMON","","SY(TIDEHT01)","4","O","OTHER","33050"
"T_NHMN","","SY(TIDEHT01)","4","O","OTHER","33050"
"T_TIMS","","SY(TIDEHT01)","4","O","OTHER","33050"
"TS_FEB","","SY(CURDEF01)","4","O","OTHER","33060"
"TS_FEB","CAT_TS1ORIENT","SY(FLDSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_FEB","CAT_TS2ORIENT","SY(EBBSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_FEB","CAT_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_PAD","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_PNH","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_PRH","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_TIS","","SY(TIDSTR01)","4","O","OTHER","33060"
"TOPMAR","","CS(TOPMAR01)","6","O","STANDARD","27050"
"TUNNEL","","","","","",""
"UWTROC","","CS(OBSTRN06)","4","O","OTHER","34050"
"VEGATN","","","","","",""
"VEGATN","CATVEG7","SY(TREPNT05)","3","S","OTHER","32030"
"VEGATN","CATVEG21","SY(TREPNT05)","3","S","OTHER","32030"
"VEGATN","CATVEG3","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG4","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG5","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG6","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG13","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG14","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG15","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG16","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG17","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG18","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG19","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG20","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG22","SY(TREPNT04)","3","S","OTHER","32030"
"WATFAL","","","","","",""
"WATTUR","","SY(WATTUR02)","3","O","OTHER","33040"
"WEDKLP","","SY(WEDKLP03)","3","O","OTHER","34020"
"WRECKS","","CS(WRECKS04)","4","O","OTHER","34050"
"WRECKS","CATWRK3VALSOU","SY(FOULGND1)","4","O","OTHER","34051"
"WRECKS","CATWRK3","SY(FOULGND1)","4","O","OTHER","34050"
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* *** section two: NON-STANDARD CLASSES ***
* ***   ***
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*Note: category "DISPLAYBASE" should not be removed from the display.
*For non-standard classes, all category "MARINERS STANDARD" and "MARINERS OTHER"
*should be drawn when "STANDARD DISPLAY" is drawn, and thereafter may be re-assigned
*to the category of choosen by the mariner.
*
"cursor","","SY(CURSRA01)","8","O","DISPLAYBASE","11010"
"cursor","cursty2","SY(CURSRB01)","8","O","MARINERS OTHER","61040"
"dnghlt","","SY(DNGHILIT)","8","O","MARINERS STANDARD","53010"
"events","","SY(EVENTS03);TX(OBJNAM,3,2,3,'15110',1,0,CHBLK,50)","8","O","MARINERS STANDARD","52410"
"marfea","","SY(CHINFO09);TX(OBJNAM,3,1,3,'15110',1,-1,CHBLK,50)","8","O","MARINERS STANDARD","53050"
"marnot","","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53040"
"marnot","catnot1","SY(CHINFO08);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53030"
"marnot","catnot2","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53040"
"mnufea","","SY(CHINFO10)","5","O","MARINERS STANDARD","55010"
"mnufea","catnot1","SY(CHINFO10)","5","O","MARINERS STANDARD","55010"
"mnufea","catnot2","SY(CHINFO11)","5","O","MARINERS STANDARD","55020"
"ownshp","","CS(OWNSHP02)","9","O","DISPLAYBASE","42010"
"plnpos","","SY(PLNPOS01);SY(PLNPOS02,ORIENT);TX(plndat,1,2,2,'15110',4,3,CHBLK,50);","5","O","MARINERS STANDARD","52030"
"positn","","SY(POSITN02);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth1","SY(POSITN02);TX('DR',2,3,2,'15110',-1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth2","SY(POSITN02);TX('EP',2,3,2,'15110',-1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth3","SY(POSITN02);TX('V',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth4","SY(POSITN02);TX('A',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth5","SY(POSITN02);TX('R',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth6","SY(POSITN02);TX('D',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth7","SY(POSITN02);TX('G',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth8","SY(POSITN02);TX('GI',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth9","SY(POSITN02);TX('L',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth10","SY(POSITN02);TX('M',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth11","SY(POSITN02);TX('O',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth12","SY(POSITN02);TX('T',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth13","SY(POSITN02);TX('dG',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth14","SY(POSITN02);TX('dGI',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth15","SY(POSITN02);TX('dO',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"refpnt","","SY(REFPNT02)","7","O","MARINERS OTHER","61050"
"tidcur","","SY(TIDCUR01,ORIENT);SY(TIDCUR03);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"tidcur","catcur1","SY(TIDCUR01,ORIENT);SY(TIDCUR03);TX('P',2,3,2,'15110',-4,2,CHBLK,50);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"tidcur","catcur2","SY(TIDCUR02,ORIENT);SY(TIDCUR03);TX('A',2,3,2,'15110',-4,2,CHBLK,50);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"vessel","","CS(VESSEL02)","9","O","MARINERS STANDARD","54030"
"waypnt","","SY(WAYPNT01);TX(OBJNAM,3,1,3,'15110',1,-1,APLRT,50)","8","O","DISPLAYBASE","42210"
"waypnt","select1","SY(WAYPNT01);TX(OBJNAM,3,1,3,'15110',1,-1,CHBLK,50)","8","O","DISPLAYBASE","42210"

"waypnt","select2","SY(WAYPNT03);TX(OBJNAM,3,1,3,'15110',1,-1,APLRT,50)","8","O","MARINERS STANDARD","52210"
*
* ***   ***
* *** end of look-up table ***
* ***   ***

11.1.2   Look-up Table for simplified point symbolisation

* *** SIMPLIFIED POINTS   ***
* *** This is the look-up table for point symbolization. ***
* *** For edition 3.4 Preslib, dated January 2008   ******
*
* Each line contains minimum 6 fields:
* 1. field - code of the object class
* 2. field - attribute combination
* 3. field - symbolization instruction
* 4. field - display priority
* 5. field - radar
* 6. field - IMO display category
* 7. field - viewing group (optional)
*
* Each field entry is framed by '"' and fields are separated by ','.
*
* Please note, that the entries to this table must be in
* alphabetic order (sorted by the class code).
*
* This table has 2 sections:
*
* - The first section contains symbolization instructions for
*   standard S-57 'real world' objects:
* - The second section contains symbolization instructions for
*   non-standard (class code in lowercase) objects:
*
* default for symbolization failure; must be the first entry to look-up table
"######","","SY(QUESMRK1)","5","O","STANDARD","21010"
*
* ***   ***
* *** section one: REAL WORLD CLASSES ***
* ***   ***

```
*
"ACHARE","","SY(ACHARE02)","6","O","STANDARD","26220"
"ACHBRT","","SY(ACHBRT07);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","5","O","STANDARD","26220"
"AIRARE","","SY(AIRARE02)","4","O","OTHER","32240"
"BCNCAR","","SY(BCNDEF13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","CATCAM4","SY(BCNCAR04);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","CATCAM3","SY(BCNCAR03);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","CATCAM2","SY(BCNCAR02);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNCAR","CATCAM1","SY(BCNCAR01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNISD","","SY(BCNISD21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","","SY(BCNDEF13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP1","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP2","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP7","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP1","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP2","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP7","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP3","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP4","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3BCNSHP5","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP3","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP4","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4BCNSHP5","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3,4,3","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4,3,4","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP1","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP2","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP7","SY(BCNLAT21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP1","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP2","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP7","SY(BCNLAT22);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP3","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP4","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3BCNSHP5","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP3","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP4","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4BCNSHP5","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP6CONVIS1","SY(CAIRNS11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","BCNSHP6","SY(CAIRNS01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR3","SY(BCNLAT15);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNLAT","COLOUR4","SY(BCNLAT16);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","","SY(BCNSAW13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP1","SY(BCNSAW21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP2","SY(BCNSAW21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP7","SY(BCNSAW21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP3","SY(BCNSAW13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP4","SY(BCNSAW13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSAW","BCNSHP5","SY(BCNSAW13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
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"BCNSPP","","SY(BCNSPP21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP6CONVIS1","SY(CAIRNS11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","CATSPM18","SY(NOTBRD11);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","CATSPM44","SY(BCNSPP13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP1","SY(BCNSPP21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP3","SY(BCNSPP13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP4","SY(BCNSPP13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP5","SY(BCNSPP13);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP6","SY(CAIRNS01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BCNSPP","BCNSHP7","SY(BCNSPP21);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27020"
"BERTHS","","SY(BRTHNO01);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","5","O","OTHER","32440"
"BOYCAR","","SY(BOYDEF03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","CATCAM4","SY(BOYCAR04);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","CATCAM3","SY(BOYCAR03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","CATCAM2","SY(BOYCAR02);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYCAR","CATCAM1","SY(BOYCAR01);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYINB","","SY(BOYMOR11);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYISD","","SY(BOYISD12);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","","SY(BOYDEF03);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP1COLOUR3,4,3","SY(BOYLAT14);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP1COLOUR4,3,4","SY(BOYLAT13);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP2COLOUR3,4,3","SY(BOYLAT24);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP2COLOUR4,3,4","SY(BOYLAT23);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM3COLOUR3,4,3","SY(BOYLAT24);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM3COLOUR4,3,4","SY(BOYLAT23);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM4COLOUR3,4,3","SY(BOYLAT14);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM4COLOUR4,3,4","SY(BOYLAT13);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP1COLOUR3","SY(BOYLAT14);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP1COLOUR4","SY(BOYLAT13);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP2COLOUR3","SY(BOYLAT24);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","BOYSHP2COLOUR4","SY(BOYLAT23);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM1COLOUR3","SY(BOYLAT24);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM1COLOUR4","SY(BOYLAT23);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM2COLOUR3","SY(BOYLAT14);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYLAT","CATLAM2COLOUR4","SY(BOYLAT13);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSAW","","SY(BOYSAW12);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","","SY(BOYSPP11);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM19BOYSHP1","SY(BOYSPP15);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM19BOYSHP2","SY(BOYSPP25);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM54BOYSHP1","SY(BOYSPP15);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM54BOYSHP2","SY(BOYSPP25);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM54BOYSHP4","SY(BOYSPP35);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM54BOYSHP5","SY(BOYSPP35);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM9","SY(BOYSUP02);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","CATSPM15","SY(BOYSUP02);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP1","SY(BOYSPP15);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP2","SY(BOYSPP25);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP3","SY(BOYSPP11);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP4","SY(BOYSPP35);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
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"BOYSPP","BOYSHP5","SY(BOYSPP35);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP6","SY(BOYSPP11);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP7","SY(BOYSUP02);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BOYSPP","BOYSHP8","SY(BOYSPP35);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"BRIDGE","","","","","","",""
"BUAARE","","SY(BUAARE02);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","3","O","STANDARD","22240"
"BUISGL","","SY(BUISGL01)","4","O","OTHER","32220"
"BUISGL","FUNCTN33CONVIS1OBJNAM","SY(POSGEN03);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","6","O","STANDARD","22220"
"BUISGL","FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"BUISGL","FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"BUISGL","FUNCTN22CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN23CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN24CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN25CONVIS1","SY(BUIREL14)","6","O","STANDARD","22220"
"BUISGL","FUNCTN26CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"BUISGL","FUNCTN27CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"BUISGL","FUNCTN33CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"BUISGL","FUNCTN35CONVIS1","SY(TNKCON12)","6","O","STANDARD","22220"
"BUISGL","FUNCTN33OBJNAM","SY(POSGEN03);TX(OBJNAM,3,2,2,'15110',1,0,CHBLK,26)","4","O","OTHER","32220"
"BUISGL","CONVIS1","SY(BUISGL11)","6","O","STANDARD","22220"
"BUISGL","FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"BUISGL","FUNCTN21","SY(BUIREL01)","4","O","OTHER","32220"
"BUISGL","FUNCTN22","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN23","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN24","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN25","SY(BUIREL04)","4","O","OTHER","32220"
"BUISGL","FUNCTN26","SY(BUIREL05)","4","O","OTHER","32220"
"BUISGL","FUNCTN27","SY(BUIREL05)","4","O","OTHER","32220"
"BUISGL","FUNCTN33","SY(POSGEN03)","4","O","OTHER","32220"
"BUISGL","FUNCTN35","SY(TNKCON02)","4","O","OTHER","32220"
"CGUSTA","","SY(CGUSTA02)","7","O","OTHER","38030"
"CHKPNT","","","","","","",""
"CHKPNT","","SY(CHKPNT01)","4","S","OTHER","32410"
"CRANES","","SY(CRANES01)","4","O","OTHER","32440"
"CTNARE","","SY(CHINFO06)","4","O","STANDARD","26050"
"CTRPNT","","SY(POSGEN04)","4","O","OTHER","32250"
"CTSARE","","SY(CHINFO07)","4","O","STANDARD","26250"
"CURENT","","","","","","",""
"CURENT","","SY(CURDEF01)","5","O","OTHER","33000"
"CURENT","ORIENTCURVEL","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","5","O","OTHER","33060"
"CURENT","ORIENT","SY(CURENT01,ORIENT)","5","O","OTHER","33060"
"DAMCON","","","","","","",""
"DAMCON","CATDAM3","SY(CHINFO06)","4","O","STANDARD","22010"
"DAYMAR","","SY(DAYSQR01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP19","SY(DAYSQR01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP20","SY(DAYSQR01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP21","SY(DAYSQR01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP24","SY(DAYTRI01);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
"DAYMAR","TOPSHP25","SY(DAYTRI05);TE('bn %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","7","O","STANDARD","27025"
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"DISMAR","","SY(DISMAR03);TX(INFORM,2,1,2,'15110',2,0,CHBLK,21)","7","O","OTHER","32430"
"DISMAR","CATDIS1","SY(DISMAR04);TX(INFORM,2,1,2,'15110',2,0,CHBLK,21)","7","O","OTHER","32430"
"DMPGRD","","SY(CHINFO07)","4","O","STANDARD","26240"
"FOGSIG","","SY(FOGSIG01)","6","O","STANDARD","27080"
"FORSTC","","SY(FORSTC01)","4","O","OTHER","32220"
"FORSTC","CONVIS1","SY(FORSTC11)","4","O","STANDARD","22220"
"FSHFAC","","SY(FSHHAV01)","4","O","OTHER","34040"
"FSHFAC","CATFIF1","SY(FSHFAC03)","4","O","OTHER","34040"
"FSHFAC","CATFIF2","SY(FSHFAC02)","4","O","OTHER","34040"
"FSHFAC","CATFIF3","SY(FSHFAC02)","4","O","OTHER","34040"
"FSHFAC","CATFIF4","SY(FSHFAC02)","4","O","OTHER","34040"
"GATCON","","SY(GATCON04)","8","O","STANDARD","22010"
"GATCON","CATGAT2","SY(GATCON04)","8","O","STANDARD","22010"
"GATCON","CATGAT3","SY(GATCON04)","8","O","OTHER","32440"
"GATCON","CATGAT4","SY(GATCON03)","8","O","OTHER","32440"
"GRIDRN","","","","","",""
"GRIDRN","","SY(GRIDRN01)","5","S","OTHER","32460"
"HRBFAC","","SY(CHINFO07)","4","O","OTHER","32410"
"HRBFAC","CATHAF1","SY(ROLROL01)","4","O","OTHER","32410"
"HRBFAC","CATHAF4","SY(HRBFAC09)","4","O","OTHER","32410"
"HRBFAC","CATHAF5","SY(SMCFAC02)","4","O","OTHER","32410"
"HULKES","","SY(HULKES01)","5","O","DISPLAYBASE","12410"
"ICNARE","","SY(CHINFO07)","4","O","STANDARD","26250"
"LIGHTS","","CS(LIGHTS05)","8","O","STANDARD","27070"
"LITFLT","","SY(LITFLT02);TE('by %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27010"
"LITVES","","SY(LITVES02);TE('LtV %s','OBJNAM',2,1,2,'15110',-1,-1,CHBLK,21)","8","O","STANDARD","27011"
"LNDARE","","SY(LNDARE01); TX(OBJNAM,1,2,2,'15110',0,1,CHBLK,26);CS(QUAPOS01)","4","O","DISPLAYBASE","12010"
"LNDELV","","SY(POSGEN04);TE('%3.0lf m','ELEVAT',3,2,2,'15110',1,0,CHBLK,28)","4","O","OTHER","32010"
"LNDMRK","","SY(POSGEN01)","4","O","OTHER","32220"
"LNDMRK","CATLMK17FUNCTN33CONVIS1","SY(TOWERS03);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN20CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN21CONVIS1","SY(BUIREL13)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN26CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20FUNCTN27CONVIS1","SY(BUIREL15)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN33","SY(TOWERS01);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","4","O","OTHER","32220"
"LNDMRK","CATLMK1CONVIS1","SY(CAIRNS11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK3CONVIS1","SY(CHIMNY11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK4CONVIS1","SY(DSHAER11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK5CONVIS1","SY(FLGSTF01)","6","O","STANDARD","22220"
"LNDMRK","CATLMK6CONVIS1","SY(FLASTK11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK7CONVIS1","SY(MSTCON14)","6","O","STANDARD","22220"
"LNDMRK","CATLMK8CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"LNDMRK","CATLMK9CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK10CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK12CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
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"LNDMRK","CATLMK13CONVIS1","SY(MONUMT12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15CONVIS1","SY(DOMES011)","6","O","STANDARD","22220"
"LNDMRK","CATLMK16CONVIS1","SY(RASCAN11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK17CONVIS1","SY(TOWERS03)","6","O","STANDARD","22220"
"LNDMRK","CATLMK18CONVIS1","SY(WNDMIL12)","6","O","STANDARD","22220"
"LNDMRK","CATLMK19CONVIS1","SY(WIMCON11)","6","O","STANDARD","22220"
"LNDMRK","CATLMK20CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"LNDMRK","CATLMK15FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"LNDMRK","CATLMK17FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"LNDMRK","CATLMK20FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"
"LNDMRK","CATLMK3","SY(CHIMNY01)","4","O","OTHER","32220"
"LNDMRK","CATLMK6","SY(FLASTK01)","4","O","OTHER","32220"
"LNDMRK","CATLMK7","SY(MSTCON04)","4","O","OTHER","32220"
"LNDMRK","CATLMK15","SY(DOMES001)","4","O","OTHER","32220"
"LNDMRK","CATLMK16","SY(RASCAN01)","4","O","OTHER","32220"
"LNDMRK","CATLMK17","SY(TOWERS01)","4","O","OTHER","32220"
"LNDMRK","CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"
"LNDRGN","","SY(POSGEN04);TX(OBJNAM,1,2,2,'15110',0,-1,CHBLK,26)","4","O","STANDARD","21060"
"LOCMAG","","SY(LOCMAG01)","4","O","OTHER","31080"
"LOGPON","","SY(FLTHAZ02)","4","O","OTHER","34050"
"M_NPUB","","SY(CHINFO07)","4","O","OTHER","31020"
"MAGVAR","","SY(MAGVAR01);TX(VALMAG,3,1,2,'15110',1,-1,CHBLK,27)","4","O","OTHER","31080"
"MARCUL","","SY(MARCUL02)","4","O","STANDARD","26210"
"MIPARE","","SY(CHINFO06)","4","O","STANDARD","26040"
"MORFAC","","SY(MORFAC03)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR1","SY(MORFAC03)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR2","SY(MORFAC04)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR3","SY(PILPNT02)","6","O","OTHER","32440"
"MORFAC","CATMOR5","SY(PILPNT02)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR7","SY(BOYMOR11)","8","O","STANDARD","27010"
"NEWOBJ","","SY(NEWOBJ 01)","6","S","STANDARD","21020"
"NEWOBJ","SYMINS","CS(SYMINS01)","6","S","STANDARD","21020"
"OBSTRN","","CS(OBSTRN06)","4","O","OTHER","34050"
"OBSTRN","CATOBS7VALSOU","SY(FOULGND1)","4","O","OTHER","34051"
"OBSTRN","CATOBS8VALSOU","SY(FLTHAZ02)","4","O","OTHER","34051"
"OBSTRN","CATOBS9VALSOU","SY(ACHARE02)","4","O","OTHER","34051"
"OBSTRN","CATOBS10VALSOU","SY(FLTHAZ02)","4","O","OTHER","34051"
"OBSTRN","CATOBS7","SY(FOULGND1)","4","O","OTHER","34050"
"OBSTRN","CATOBS8","SY(FLTHAZ02)","4","O","OTHER","34050"
"OBSTRN","CATOBS9","SY(ACHARE02)","4","O","OTHER","34050"
"OBSTRN","CATOBS10","SY(FLTHAZ02)","4","O","OTHER","34050"
"OBSTRN","WATLEV7","SY(FLTHAZ02)","4","O","DISPLAYBASE","12410"
"OFSPLF","","SY(OFSPLF01);TE('Prod %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","5","O","DISPLAYBASE","12210"
"PILBOP","","SY(PILBOP02);TE('Plt %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","6","O","STANDARD","28010"
"PILPNT","","SY(PILPNT02)","5","O","DISPLAYBASE","12410"
"PIPARE","","SY(CHINFO07)","4","O","STANDARD","26230"
"PIPSOL","","","","","",""
"PRCARE","","SY(PRCARE12)","5","O","STANDARD","25010"
"PRDARE","","","","","",""
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"PRDARE","CATPRA5CONVIS1","SY(FLASTK11)","4","O","STANDARD","22220"
"PRDARE","CATPRA8CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"PRDARE","CATPRA9CONVIS1","SY(WIMCON11)","4","O","STANDARD","22220"
"PRDARE","CATPRA1","SY(PRDINS02)","34","O","OTHER","32270"
"PRDARE","CATPRA5","SY(FLASTK01)","34","O","OTHER","32270"
"PRDARE","CATPRA6","SY(TMBYRD01)","34","O","OTHER","32270"
"PRDARE","CATPRA8","SY(TNKCON02)","34","O","OTHER","32270"
"PRDARE","CATPRA9","SY(WIMCON01)","34","O","OTHER","32270"
"PYLONS","","SY(POSGEN03)","8","O","DISPLAYBASE","12210"
"RADRFL","","SY(RADRFL03)","6","O","STANDARD","27230"
"RADSTA","","SY(POSGEN01)","5","O","OTHER","38010"
"RADSTA","CATRAS2","SY(RDOSTA02);TE('ch %s','COMCHA',3,1,2,'15110',0,0,CHBLK,11)","5","O","OTHER","38010"
"RAPIDS","","","","","",""
"RCTLPT","","SY(RTLDEF51)","4","O","STANDARD","25020"
"RCTLPT","ORIENT","SY(RCTLPT52,ORIENT)","4","O","STANDARD","25020"
"RDOCAL","","SY(RCLDEF01);TE('Nr %s','OBJNAM',3,2,2,'15110',1,-1,CHBLK,21)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC1ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC2ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC3ORIENT","SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOCAL","TRAFIC4ORIENT","SY(RDOCAL03,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch %s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O",
"STANDARD","25060"
"RDOSTA","","SY(RDOSTA02)","4","O","OTHER","38010"
"RDOSTA","CATROS10","SY(DGPS01DRFSTA01)","4","O","OTHER","38010"
"RETRFL","","SY(RETRFL02)","6","O","STANDARD","27080"
"ROADWY","","","","","",""
"RSCSTA","","SY(RSCSTA02)","7","O","OTHER","38030"
"RTPBCN","","SY(RTPBCN02)","6","O","STANDARD","27210"
"RUNWAY","","","","","",""
"SBDARE","","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25)","4","O","OTHER","34010"
"SEAARE","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"SILTNK","","SY(TNKCON02)","4","O","OTHER","32220"
"SILTNK","CATSIL1CONVIS1","SY(SILBUI11)","4","O","STANDARD","22220"
"SILTNK","CATSIL2CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"SILTNK","CATSIL3CONVIS1","SY(TOWERS03)","4","O","STANDARD","22220"
"SILTNK","CATSIL4CONVIS1","SY(TOWERS12)","4","O","STANDARD","22220"
"SILTNK","CONVIS1","SY(TNKCON12)","4","O","STANDARD","22220"
"SILTNK","CATSIL1","SY(SILBUI01)","4","O","OTHER","32220"
"SILTNK","CATSIL2","SY(TNKCON02)","4","O","OTHER","32220"
"SILTNK","CATSIL3","SY(TOWERS01)","4","O","OTHER","32220"
"SILTNK","CATSIL4","SY(TOWERS02)","4","O","OTHER","32220"
"SISTAT","","SY(SISTAT02)","7","O","STANDARD","28020"
"SISTAW","","SY(SISTAT02)","7","O","STANDARD","28020"
"SLCONS","","SY(MORFAC03);CS(SLCONS03)","8","O","DISPLAYBASE","12410"
"SLOGRD","","SY(HILTOP01)","3","S","OTHER","32010"
"SLOTOP","","SY(HILTOP01)","3","S","OTHER","32010"
"SLOTOP","CONVIS1","SY(HILTOP11)","3","S","STANDARD","22220"
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"SMCFAC","","","","","",""
"SMCFAC","","SY(SMCFAC02)","4","S","OTHER","38210"
"SNDWAV","","SY(SNDWAV02)","4","O","STANDARD","24010"
"SOUNDG","","CS(SOUNDG02)","6","O","OTHER","33010"
"SPLARE","","SY(CHINFO06)","4","O","STANDARD","26040"
"SPRING","","SY(SPRING02)","4","O","OTHER","34020"
"T_HMON","","SY(TIDEHT01)","4","O","OTHER","33050"
"T_NHMN","","SY(TIDEHT01)","4","O","OTHER","33050"
"T_TIMS","","SY(TIDEHT01)","4","O","OTHER","33050"
"TS_FEB","","SY(CURDEF01)","4","O","OTHER","33060"
"TS_FEB","CAT_TS1ORIENT","SY(FLDSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_FEB","CAT_TS2ORIENT","SY(EBBSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_FEB","CAT_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","O","OTHER","33060"
"TS_PAD","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_PNH","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_PRH","","SY(TIDSTR01)","4","O","OTHER","33060"
"TS_TIS","","SY(TIDSTR01)","4","O","OTHER","33060"
"TOPMAR","","","","","",""
"TUNNEL","","","","","",""
"UWTROC","","CS(OBSTRN06)","4","O","OTHER","34050"
"VEGATN","","","","","",""
"VEGATN","CATVEG7","SY(TREPNT05)","3","S","OTHER","32030"
"VEGATN","CATVEG21","SY(TREPNT05)","3","S","OTHER","32030"
"VEGATN","CATVEG3","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG4","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG5","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG6","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG13","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG14","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG15","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG16","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG17","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG18","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG19","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG20","SY(TREPNT04)","3","S","OTHER","32030"
"VEGATN","CATVEG22","SY(TREPNT04)","3","S","OTHER","32030"
"WATFAL","","","","","",""
"WATTUR","","SY(WATTUR02)","3","O","OTHER","33040"
"WEDKLP","","SY(WEDKLP03)","3","O","OTHER","34020"
"WRECKS","","CS(WRECKS04)","4","O","OTHER","34050"
"WRECKS","CATWRK3VALSOU","SY(FOULGND1)","4","O","OTHER","34051"
"WRECKS","CATWRK3","SY(FOULGND1)","4","O","OTHER","34050"
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* ***                         ***
* *** section two: NON-STANDARD CLASSES ***
* ***                         ***
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*Note: category "DISPLAYBASE" should not be removed from the display.
*For non-standard classes, all category "MARINERS STANDARD" and "MARINERS OTHER"
*should be drawn when "STANDARD DISPLAY" is drawn, and thereafter may be re-assigned
*to the category of choosen by the mariner.
*
"cursor","","SY(CURSRA01)","8","O","DISPLAYBASE","11010"
"cursor","cursty2","SY(CURSRB01)","8","O","MARINERS OTHER","61040"
"dnghlt","","SY(DNGHILIT)","8","O","MARINERS STANDARD","53010"
"events","","SY(EVENTS03);TX(OBJNAM,3,2,3,'15110',1,0,CHBLK,50)","8","O","MARINERS STANDARD","52410"
"marfea","","SY(CHINFO09);TX(OBJNAM,3,1,3,'15110',1,-1,CHBLK,50)","8","O","MARINERS STANDARD","53050"
"marnot","","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53040"
"marnot","catnot1","SY(CHINFO08);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53030"
"marnot","catnot2","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS STANDARD","53040"
"mnufea","","SY(CHINFO10)","5","O","MARINERS STANDARD","55010"
"mnufea","catnot1","SY(CHINFO10)","5","O","MARINERS STANDARD","55010"
"mnufea","catnot2","SY(CHINFO11)","5","O","MARINERS STANDARD","55020"
"ownshp","","CS(OWNSHP02)","9","O","DISPLAYBASE","42010"
"plnpos","","SY(PLNPOS01);SY(PLNPOS02,ORIENT);TX(plndat,1,2,2,'15110',4,3,CHBLK,50);","5","O","MARINERS STANDARD","52030"
"positn","","SY(POSITN02);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth1","SY(POSITN02);TX('DR',2,3,2,'15110',-1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth2","SY(POSITN02);TX('EP',2,3,2,'15110',-1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth3","SY(POSITN02);TX('V',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth4","SY(POSITN02);TX('A',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth5","SY(POSITN02);TX('R',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth6","SY(POSITN02);TX('D',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth7","SY(POSITN02);TX('G',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth8","SY(POSITN02);TX('Gl',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth9","SY(POSITN02);TX('L',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth10","SY(POSITN02);TX('M',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth11","SY(POSITN02);TX('O',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth12","SY(POSITN02);TX('T',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth13","SY(POSITN02);TX('dG',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth14","SY(POSITN02);TX('dGl',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"positn","pfmeth15","SY(POSITN02);TX('dO',3,3,2,'15110',1,1,CHBLK,50);TX(loctim,1,1,2,'15110',0,-1,CHBLK,50)","5","O","MARINERS OTHER","62010"
"refpnt","","SY(REFPNT02)","7","O","MARINERS OTHER","61050"
"tidcur","","SY(TIDCUR01,ORIENT);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"tidcur","catcur1","SY(TIDCUR01,ORIENT);SY(TIDCUR03);TX('P',2,3,2,'15110',-4,2,CHBLK,50);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"tidcur","catcur2","SY(TIDCUR02,ORIENT);SY(TIDCUR03);TX('A',2,3,2,'15110',-4,2,CHBLK,50);TX(curstr,2,3,2,'15110',-1,2,CHBLK,50);TX(loctim,3,1,2,'15110',1,-2,CHBLK,50)","7","O","MARINERS STANDARD","53080"
"vessel","","CS(VESSEL02)","9","O","MARINERS STANDARD","54030"
"waypnt","","SY(WAYPNT01);TX(OBJNAM,3,1,3,'15110',1,-1,APLRT,50)","8","O","DISPLAYBASE","42210"
"waypnt","select1","SY(WAYPNT01);TX(OBJNAM,3,1,3,'15110',1,-1,CHBLK,50)","8","O","DISPLAYBASE","42210"
"waypnt","select2","SY(WAYPNT03);TX(OBJNAM,3,1,3,'15110',1,-1,APLRT,50)","8","O","MARINERS STANDARD","52210"
*
* ***   ***

* *** end of look-up table ***
* ***   ***

11.2   Look-up Table Listing for Object Type Line 'L'

* *** LINES   ***
* *** This is the look-up table for line symbolization.   ***
* *** For edition 3.4 Preslib, dated January 2008   ******
*

* Each line contains minimum 6 fields:
* 1. field - code of the object class
* 2. field - attribute combination
* 3. field - symbolization instruction
* 4. field - display priority
* 5. field - radar
* 6. field - IMO display category
* 7. field - viewing group (optional)
*
* Each field entry is framed by '"' and fields are separated by ','.
*
* Please note, that the entries to this table must be in
* alphabetic order (sorted by the class code).
*
* This table has 2 sections:
*
* - The first section contains symbolization instructions for
*   standard S-57 'real world' objects:
* - The second section contains symbolization instructions for
*   non-standard (class code in lowercase) objects:
*
* default for symbolization failure; must be the first entry to look-up table
"######","","LC(QUESMRK1)","5","O","STANDARD","21010"
*

* ***   ***
* *** section one: REAL WORLD CLASSES ***
* ***   ***
*
"ASLXIS","","LS(DASH,2,CHMGF)","5","S","STANDARD","26260"
"BERTHS","","LS(SOLD,3,CHGRD);SY(BRTHNO01);TE('Nr %s','OBJNAM',1,2,2,'15110',0,0,CHBLK,29)","5","O","OTHER","32440"
"BRIDGE","","LS(SOLD,5,CHGRD);TX(OBJNAM,3,1,2,'15110',1,0,CHBLK,21);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"

"BRIDGE","CATBRG2","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG3","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG4","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG5","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG7","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG8","LS(SOLD,5,CHGRD);SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CANALS","","LS(SOLD,1,CHBLK)","2","O","DISPLAYBASE","12420"
"CAUSWY","","LS(SOLD,3,LANDF)","5","O","STANDARD","22010"
"CAUSWY","WATLEV4","LS(DASH,3,LANDF)","5","O","STANDARD","22010"
"CBLOHD","","LS(DASH,4,CHGRD)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD1VERCSA","LS(DASH,4,CHGRD);SY(RACNSP01);TE('sf clr %4.1lf','VERCSA',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD3VERCSA","LS(DASH,4,CHGRD);SY(RACNSP01);TE('sf clr %4.1lf','VERCSA',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD1VERCLR","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD3VERCLR","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD1","LS(DASH,4,CHGRD);SY(RACNSP01)","8","O","DISPLAYBASE","12210"
"CBLOHD","CONRAD3","LS(DASH,4,CHGRD);SY(RACNSP01)","8","O","DISPLAYBASE","12210"
"CBLOHD","VERCSA","LS(DASH,4,CHGRD);TE('sf clr %4.1lf','VERCSA',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLOHD","VERCLR","LS(DASH,4,CHGRD);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CBLSUB","","LC(CBLSUB06)","3","O","OTHER","34070"
"CBLSUB","CATCBL6","LS(DASH,1,CHMGD)","6","O","STANDARD","24010"
"COALNE","","CS(QUAPOS01)","7","O","DISPLAYBASE","12410"
"COALNE","CATCOA6","LS(DASH,1,CSTLN)","7","O","DISPLAYBASE","12410"
"COALNE","CATCOA7","LS(DASH,1,CSTLN)","7","O","DISPLAYBASE","12410"
"COALNE","CATCOA8","LS(DASH,1,CSTLN)","7","O","DISPLAYBASE","12410"
"COALNE","CATCOA10","LS(DASH,1,CSTLN)","7","O","DISPLAYBASE","12410"
"CONVYR","","LS(DASH,4,CHGRD);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON1CONRAD1","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON1CONRAD3","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON2CONRAD1","LS(SOLD,3,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON2CONRAD3","LS(SOLD,3,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON1","LS(DASH,4,CHGRD);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CATCON2","LS(SOLD,3,CHGRD);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD1","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD3","LS(DASH,4,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11)","8","O","DISPLAYBASE","12210"
"DAMCON","","LS(SOLD,4,LANDF)","6","O","STANDARD","22010"
"DAMCON","CATDAM3","LS(SOLD,2,CSTLN)","6","O","DISPLAYBASE","12410"
"DEPARE","","","","","",""
"DEPCNT","","CS(DEPCNT03)","5","O","OTHER","33020"
"DWRTCL","","LC(DWLDEF01);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK1TRAFIC1","LC(DWRTCL08);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK1TRAFIC2","LC(DWRTCL08);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK1TRAFIC3","LC(DWRTCL08);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK1TRAFIC4","LC(DWRTCL06);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"

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"DWRTCL","CATTRK2TRAFIC1","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK2TRAFIC2","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK2TRAFIC3","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","CATTRK2TRAFIC4","LC(DWRTCL05);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","TRAFIC1","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","TRAFIC2","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","TRAFIC3","LC(DWRTCL07);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DWRTCL","TRAFIC4","LC(DWRTCL05);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25010"
"DYKCON","","LS(SOLD,3,LANDF)","4","O","STANDARD","22010"
"DYKCON","CONRAD1","LS(SOLD,2,CHBLK)","4","O","STANDARD","22210"
"FERYRT","","LC(FERYRT02)","4","O","STANDARD","25030"
"FERYRT","CATFRY1","LC(FERYRT01)","4","O","STANDARD","25030"
"FERYRT","CATFRY2","LC(FERYRT02)","4","O","STANDARD","25030"
"FLODOC","","LS(SOLD,3,CSTLN)","5","O","DISPLAYBASE","12410"
"FNCLNE","","LS(SOLD,1,LANDF)","3","O","OTHER","32220"
"FNCLNE","CONVIS1","LS(SOLD,1,CHBLK)","3","O","STANDARD","22220"
"FORSTC","","LS(SOLD,3,LANDF)","4","O","OTHER","32220"
"FSHFAC","","LS(DASH,2,CHGRD)","4","O","OTHER","34040"
"FSHFAC","CATFIF1","LC(FSHFAC02)","4","O","OTHER","34040"
"GATCON","","LS(SOLD,2,CSTLN)","8","O","DISPLAYBASE","12410"
"GATCON","CATGAT2","LS(SOLD,2,CSTLN)","8","O","DISPLAYBASE","12410"
"GATCON","CATGAT3","LS(SOLD,2,CSTLN);SY(GATCON04)","8","O","DISPLAYBASE","12410"
"GATCON","CATGAT4","LS(SOLD,2,CSTLN);SY(GATCON03)","8","O","DISPLAYBASE","12410"
"GATCON","CATGAT5","LS(SOLD,2,CSTLN)","8","O","DISPLAYBASE","12410"
"LNDARE","","CS(QUAPOS01);TX(OBJNAM,1,1,2,'15110',0,1,CHBLK,26)","8","O","DISPLAYBASE","12010"
"LNDELV","","LS(SOLD,1,LANDF)","4","O","OTHER","32010"
"LNDMRK","","LS(SOLD,1,LANDF)","4","O","OTHER","32220"
"LNDMRK","CONVIS1","LS(SOLD,1,CHBLK)","4","O","STANDARD","22220"
"LOCMAG","","LS(DASH,1,CHMGF);SY(LOCMAG01)","4","S","OTHER","31080"
"M_SREL","","","","","",""
"MAGVAR","","LS(SOLD,2,CHMGF);SY(MAGVAR51);TE('varn %s','VALMAG',3,1,2,'15110',1,-1,CHBLK,27)","4","O","OTHER","31080"
"MARCUL","","LS(DASH,2,CHGRF)","4","O","STANDARD","26210"
"MORFAC","","LS(SOLD,2,CSTLN)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR4","LS(SOLD,2,CSTLN)","6","O","DISPLAYBASE","12410"
"MORFAC","CATMOR6","LS(DASH,1,CHMGF)","6","O","DISPLAYBASE","14010"
"NAVLNE","","LS(DASH,1,CHGRD)","4","O","STANDARD","25010"
"NAVLNE","CATNAV1","LS(DASH,1,CHGRD);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","4","O","STANDARD","25010"
"NAVLNE","CATNAV2","LS(DASH,1,CHGRD);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","4","O","STANDARD","25010"
"NEWOBJ","","LC(NEWOBJ01)","6","S","STANDARD","21020"
"NEWOBJ","SYMINS","CS(SYMINS01)","6","S","STANDARD","21020"
"OBSTRN","","CS(OBSTRN06)","4","O","OTHER","34050"
"OBSTRN","CATOBS8","LS(DASH,1,CSTLN)","4","O","DISPLAYBASE","12410"
"OBSTRN","CATOBS9","LS(DASH,1,CHMGD)","4","O","DISPLAYBASE","12410"
"OBSTRN","CATOBS10","LS(DASH,1,CSTLN)","4","O","DISPLAYBASE","12410"
"OBSTRN","WATLEV7","LS(DASH,1,CSTLN)","4","O","DISPLAYBASE","12410"
"OILBAR","","LS(DASH,1,CHBLK)","4","O","DISPLAYBASE","12410"
"PIPOHD","","LS(SOLD,3,CHGRD);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,-1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"PIPOHD","CONRAD1","LS(SOLD,3,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,-1,CHBLK,11)","8","O","DISPLAYBASE","12210"
"PIPOHD","CONRAD3","LS(SOLD,3,CHGRD);SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,-1,CHBLK,11)","8","O","DISPLAYBASE","12210"
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"PIPSOL","","LC(PIPSOL05)","6","O","OTHER","34070"
"PIPSOL","PRODCT3","LC(PIPSOL06)","6","O","OTHER","34070"
"PIPSOL","CATPIP2","LC(PIPSOL06)","6","O","OTHER","34070"
"PIPSOL","CATPIP3","LC(PIPSOL06)","6","O","OTHER","34070"
"PIPSOL","CATPIP4","LC(PIPSOL06)","6","O","OTHER","34070"
"PIPSOL","CATPIP5","LC(PIPSOL06)","6","O","OTHER","34070"
"PONTON","","LS(SOLD,2,CSTLN)","5","O","DISPLAYBASE","12410"
"RADLNE","","LS(DASH,2,TRFCD);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25040"
"RAILWY","","LS(SOLD,2,LANDF)","4","O","OTHER","32250"
"RAPIDS","","LS(SOLD,3,CHGRD)","3","O","OTHER","32050"
"RCRTCL","","LC(RCRDEF11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK1TRAFIC1","LC(RCRTCL14);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK1TRAFIC2","LC(RCRTCL14);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK1TRAFIC3","LC(RCRTCL14);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK1TRAFIC4","LC(RCRTCL13);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK2TRAFIC1","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK2TRAFIC2","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK2TRAFIC3","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","CATTRK2TRAFIC4","LC(RCRTCL11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","TRAFIC1","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","TRAFIC2","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","TRAFIC3","LC(RCRTCL12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RCRTCL","TRAFIC4","LC(RCRTCL11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RDOCAL","","LS(DASH,1,TRFCD);SY(RCLDEF01);TE('Nr %s','OBJNAM',3,2,2,'15110',1,-1,CHBLK,21)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC1ORIENT","LS(DASH,1,TRFCD);SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch
%s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC2ORIENT","LS(DASH,1,TRFCD);SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch
%s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC3ORIENT","LS(DASH,1,TRFCD);SY(RDOCAL02,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch
%s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O","STANDARD","25060"
"RDOCAL","TRAFIC4ORIENT","LS(DASH,1,TRFCD);SY(RDOCAL03,ORIENT);TE('Nr %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21);TE('ch
%s','COMCHA',3,1,2,'15110',1,1,CHBLK,11)","6","O","STANDARD","25060"
"RECTRC","","LC(RECDEF02);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK1TRAFIC1","LC(RECTRC12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK1TRAFIC2","LC(RECTRC12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK1TRAFIC3","LC(RECTRC12);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK1TRAFIC4","LC(RECTRC10);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK2TRAFIC1","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK2TRAFIC2","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK2TRAFIC3","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","CATTRK2TRAFIC4","LC(RECTRC09);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","TRAFIC1","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","TRAFIC2","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","TRAFIC3","LC(RECTRC11);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RECTRC","TRAFIC4","LC(RECTRC09);TE('%03.0lf deg','ORIENT',1,1,2,'15110',0,-1,CHBLK,11)","6","O","STANDARD","25020"
"RIVERS","","LS(SOLD,1,CHBLK)","2","O","DISPLAYBASE","12420"
"ROADWY","","LS(SOLD,2,LANDF)","4","O","OTHER","32250"
"RUNWAY","","LS(SOLD,3,LANDF)","6","O","OTHER","32240"
"SBDARE","","LS(SOLD,1,CHGRD);TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25)","4","O","OTHER","34010"
```

```
"SLCONS","","CS(SLCONS03)","7","O","DISPLAYBASE","12410"
"SLOTOP","","LS(SOLD,1,LANDF)","4","O","OTHER","32010"
"SLOTOP","CATSLO2CONRAD1","LS(SOLD,1,CHBLK)","4","O","STANDARD","22210"
"SLOTOP","CATSLO6CONRAD1","LS(SOLD,1,CHBLK)","4","O","STANDARD","22210"
"SLOTOP","CATSLO6CONVIS1","LS(SOLD,1,CHBLK)","4","O","STANDARD","22210"
"SLOTOP","CATSLO2","LS(SOLD,1,CHGRD)","4","O","OTHER","32010"
"SLOTOP","CATSLO6","LS(SOLD,1,CHGRD)","4","O","OTHER","32010"
"SNDWAV","","LS(DASH,2,CHGRD);SY(SNDWAV02)","4","O","STANDARD","24010"
"STSLNE","","LS(DASH,1,CHGRF)","3","O","OTHER","36050"
"TIDEWY","","LS(SOLD,1,CHGRF)","3","O","OTHER","32070"
"TSELNE","","LS(SOLD,6,TRFCF)","8","O","STANDARD","25010"
"TSSBND","","LS(DASH,4,TRFCD)","7","O","STANDARD","25010"
"TUNNEL","","LS(DASH,1,CHGRD)","4","O","OTHER","32250"
"TUNNEL","BURDEP0","LS(DASH,2,CHBLK)","4","O","STANDARD","24010"
"VEGATN","","LS(DASH,1,LANDF)","3","O","OTHER","32030"
"WATFAL","","LS(SOLD,3,CHGRF)","3","O","OTHER","32050"
"WATFAL","CONVIS1","LS(SOLD,3,CHWHT)","3","O","OTHER","32050"
"WATTUR","","LS(DASH,1,CHGRD);SY(WATTUR02)","4","O","OTHER","33040"
*
* ***                        ***
* *** section two: NON-STANDARD CLASSES ***
* ***                        ***
*
*Note: category "DISPLAYBASE" should not be removed from the display.
*For non-standard classes, all category "MARINERS STANDARD" and "MARINERS OTHER"
*should be drawn when "STANDARD DISPLAY" is drawn, and thereafter may be re-assigned
*to the category of choosen by the mariner.
*
"clrlin","","CS(CLRLIN01)","9","O","MARINERS OTHER","53020"
"dnghlt","","LS(SOLD,3,DNGHL)","8","O","MARINERS STANDARD","53010"
"ebline","","CS(VRMEBL01)","9","O","MARINERS OTHER","61010"
"leglin","","CS(LEGLIN03)","8","O","DISPLAYBASE","42210"
"marfea","","LS(SOLD,2,NINFO);TX(OBJNAM,3,3,2,'15110',0,1,CHBLK,50)","8","O","MARINERS OTHER","53050"
"mnufea","","LS(SOLD,1,ADINF)","5","O","MARINERS OTHER","55010"
"pastrk","","CS(PASTRK01)","3","O","MARINERS STANDARD","52430"
"poslin","","LS(SOLD,1,NINFO);TX(loctim,3,1,2,'15110',0,-1,CHBLK,50)","3","O","MARINERS OTHER","62020"
"poslin","transf2","LS(SOLD,1,NINFO);TX(loctim,3,1,2,'15110',0,-1,CHBLK,50);TX('TPL',3,3,2,'15110',0,1,CHBLK,50)","3","O","MARINERS OTHER","62020"
"rngrng","","LS(SOLD,1,CURSR)","9","O","MARINERS OTHER","61030"
"vrmark","","CS(VRMEBL01)","9","O","MARINERS OTHER","61010"
"wholin","","LS(SOLD,2,NINFO);TX(loctim,3,3,2,'15110',0,1,CHBLK,50);TX(usrmrk,3,1,2,'15110',0,-1,CHBLK,50)","8","O","MARINERS STANDARD","52010"
*
* ***              ***
* *** end of look-up table ***
* ***              ***
```

11.3 Look-up Table Listing for Object Type Area 'A'

11.3.1 Look-up Table for areas with symbolized boundaries

```
* *** AREAS WITH SYMBOLIZED BOUNDARIES          ***
* *** This is the look-up table for area symbolization.  ***
* *** For edition 3.4 Preslib, dated January 2008    ******
*
* Each line contains minimum 6 fields:
*  1. field - code of the object class
*  2. field - attribute combination
*  3. field - symbolization instruction
*  4. field - display priority
*  5. field - radar
*  6. field - IMO display category
*  7. field - viewing group (optional)
*
* Each field entry is framed by '"' and fields are separated by ','.
*
* Please note, that the entries to this table must be in
* alphabetic order (sorted by the class code).
*
* This table has 2 sections:
*
* - The first section contains symbolization instructions for
*   standard S-57 'real world' objects:
* - The second section contains symbolization instructions for
*   non-standard (class code in lowercase) objects:
*
* default for symbolization failure; must be the first entry to look-up table
"#####","","SY(QUESMRK1);LC(QUESMRK1)","5","S","STANDARD","21010"
*
* ***                      ***
* *** section one: REAL WORLD CLASSES ***
* ***                 ***
*
"ACHARE","","SY(ACHARE51);LC(ACHARE51);CS(RESTRN01)","3","S","STANDARD","26220"
"ACHARE","CATACH8","SY(ACHARE02);LS(DASH,2,CHMGF);CS(RESTRN01)","3","S","STANDARD","26220"
"ACHBRT","","SY(ACHBRT07);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29);LS(DASH,2,CHMGF)","5","S","STANDARD","26220"
```

"ADMARE","","LC(ADMARE01)","2","S","OTHER","36050"
"AIRARE","","AP(AIRARE02);LS(SOLD,1,LANDF)","2","S","OTHER","32240"
"AIRARE","CONVIS1","AC(LANDA);AP(AIRARE02);LS(SOLD,1,CHBLK)","2","S","STANDARD","22220"
"ARCSLN","","LC(ARCSLN01)","5","S","STANDARD","26260"
"BERTHS","","SY(BRTHNO01);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","3","S","OTHER","32440"
"BRIDGE","","TX(OBJNAM,3,1,2,'15110',1,0,CHBLK,21);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG2","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG3","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG4","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG5","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG7","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG8","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op
%4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BUAARE","","AC(CHBRN);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","3","S","STANDARD","22240"
"BUISGL","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"BUISGL","FUNCTN33CONVIS1","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"BUISGL","FUNCTN33","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"BUISGL","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"CANALS","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"CANALS","CONDTN","AC(DEPVS);LS(DASH,1,CHBLK)","2","S","DISPLAYBASE","12420"
"CAUSWY","","AC(CHBRN);LS(SOLD,1,CSTLN)","5","S","STANDARD","22010"
"CAUSWY","WATLEV4","AC(DEPIT);LS(DASH,2,CSTLN)","5","S","STANDARD","22010"
"CBLARE","","SY(CBLARE51);LC(CBLARE51);CS(RESTRN01)","3","S","STANDARD","26230"
"CHKPNT","","SY(CHKPNT01)","4","S","OTHER","32410"
"CHKPNT","","SY(POSGEN04)","4","S","OTHER","32410"
"CONVYR","","TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD1","SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD3","SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36050"
"COSARE","","LS(DASH,2,CHGRF)","2","S","OTHER","36010"
"CRANES","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32440"
"CRANES","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"CTNARE","","SY(CTNARE51);LC(CTNARE51)","3","S","STANDARD","26050"
"CTSARE","","SY(INFARE51);LC(CTYARE51)","3","S","STANDARD",'26250"
"CUSZNE","","LS(DASH,1,CHGRF)","2","S","OTHER","36020"
"DAMCON","","AC(CHBRN);LS(SOLD,1,LANDF)","3","S","STANDARD","22010"
"DAMCON","CATDAM3","AC(CHBRN);LS(SOLD,2,CSTLN)","6","S","DISPLAYBASE","12410"
"DEPARE","","CS(DEPARE02)","1","S","DISPLAYBASE","13030"
"DEPARE","DRVAL1?DRVAL2?","AC(NODTA);AP(PRTSUR01);LS(SOLD,2,CHGRD)","1","S","DISPLAYBASE","13030"
"DMPGRD","","SY(INFARE51);LC(CTYARE51);CS(RESTRN01)","3","S","STANDARD","26240"
"DOCARE","","AC(DEPVS);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"DOCARE","CONDTN","AC(DEPVS);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(DASH,1,CHBLK)","2","S","DISPLAYBASE","12420"
"DRGARE","","CS(DEPARE02)","1","S","DISPLAYBASE","13030"
"DRYDOC","","AC(LANDA);LS(SOLD,1,CSTLN)","4","S","OTHER","32440"

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"DWRTPT","","SY(TSLDEF51);SY(DWRTPT51);LC(DWRUTE51);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC1","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LC(DWRUTE51);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC2","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LC(DWRUTE51);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC3","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LC(DWRUTE51);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC4","SY(DWRUTE51,ORIENT);SY(DWRTPT51);LC(DWRUTE51);CS(RESTRN01)","4","S","STANDARD","25010"
"DYKCON","","AC(CHBRN);LS(SOLD,1,LANDF)","3","S","STANDARD","22010"
"EXEZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36050"
"FAIRWY","","LC(NAVARE51);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC1","SY(FAIRWY51,ORIENT);LC(NAVARE51);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC2","SY(FAIRWY51,ORIENT);LC(NAVARE51);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC3","SY(FAIRWY51,ORIENT);LC(NAVARE51);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC4","SY(FAIRWY52,ORIENT);LC(NAVARE51);CS(RESTRN01)","4","S","STANDARD","26050"
"FERYRT","","SY(FRYARE51);LC(NAVARE51)","3","S","STANDARD","26040"
"FERYRT","CATFRY2","SY(FRYARE52);LC(NAVARE51)","3","S","STANDARD","26040"
"FLODOC","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"FORSTC","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"FORSTC","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"FRPARE","","LS(DASH,2,CHGRF)","2","S","OTHER","36020"
"FSHFAC","","SY(FSHFAC02);LC(NAVARE51)","4","S","OTHER","34040"
"FSHFAC","CATFIF1","SY(FSHFAC03);LC(NAVARE51)","4","S","OTHER","34040"
"FSHFAC","CATFIF2","SY(FSHFAC02);LC(NAVARE51)","4","S","OTHER","34040"
"FSHFAC","CATFIF3","SY(FSHFAC02);LC(NAVARE51)","4","S","OTHER","34040"
"FSHFAC","CATFIF4","SY(FSHFAC02);LC(NAVARE51)","4","S","OTHER","34040"
"FSHGRD","","SY(FSHGRD01);LS(DASH,2,CHGRF)","3","S","STANDARD","26210"
"FSHZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36040"
"GATCON","","AC(CHBRN);LS(SOLD,2,CSTLN)","8","S","DISPLAYBASE","12410"
"GRIDRN","","SY(GRIDRN01)","5","S","OTHER","32460"
"GRIDRN","","LS(DASH,1,CHGRD)","5","S","OTHER","32460"
"HRBARE","","LC(NAVARE51)","2","S","OTHER","36020"
"HRBFAC","","SY(CHINFO07)","4","S","OTHER","32410"
"HRBFAC","CATHAF1","SY(ROLROL01)","4","S","OTHER","32410"
"HRBFAC","CATHAF4","SY(HRBFAC09)","4","S","OTHER","32410"
"HRBFAC","CATHAF5","SY(SMCFAC02)","4","S","OTHER","32410"
"HULKES","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"ICEARE","","AC(NODTA);AP(ICEARE04);LS(DASH,1,CHGRD)","3","S","DISPLAYBASE","12410"
"ICNARE","","SY(INFARE51);LC(CTYARE51);CS(RESTRN01)","3","S","STANDARD","26250"
"ISTZNE","","SY(ITZARE51);LC(RESARE51);CS(RESTRN01)","5","S","STANDARD","25010"
"LAKARE","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","STANDARD","22010"
"LNDARE","","AC(LANDA);TX(OBJNAM,1,2,3,'15110',-1,-1,CHBLK,26)","1","S","DISPLAYBASE","12010"
"LNDMRK","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"LNDMRK","CATLMK17FUNCTN33CONVIS1","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN33","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"LNDMRK","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"LNDRGN","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"LNDRGN","CATLND2","AP(MARSHES1)","3","S","STANDARD","21060"
"LNDRGN","CATLND12","AP(MARSHES1)","3","S","STANDARD","21060"
"LOCMAG","","SY(LOCMAG51);LC(NAVARE51)","4","S","OTHER","31080"
"LOGPON","","SY(FLTHAZ02);LS(DASH,1,CHBLK)","5","S","DISPLAYBASE","12410"
"LOKBSN","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
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"M_ACCY","","","","","",""
"M_COVR","","CS(DATCVR02)","1","S","OTHER","31040"
"M_CSCL","","CS(DATCVR02)","1","S","OTHER","31040"
"M_HOPA","","","","","",""
"M_NPUB","","","","","",""
"M_NSYS","","LC(MARSYS51)","4","S","STANDARD","27040"
"M_NSYS","MARSYS1ORIENT","SY(DIRBOYA1,ORIENT);LC(NAVARE51)","4","S","STANDARD","27040"
"M_NSYS","MARSYS2ORIENT","SY(DIRBOYB1,ORIENT);LC(NAVARE51)","4","S","STANDARD","27040"
"M_NSYS","ORIENT","SY(DIRBOY01,ORIENT);LC(NAVARE51)","4","S","STANDARD","27040"
"M_QUAL","","AP(NODATA03);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC1","AP(DQUALA11);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC2","AP(DQUALA21);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC3","AP(DQUALB01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC4","AP(DQUALC01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC5","AP(DQUALD01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC6","AP(DQUALU01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_SDAT","","","","","",""
"M_SREL","","","","","",""
"M_VDAT","","","","","",""
"MAGVAR","","SY(MAGVAR51)","4","S","OTHER","31080"
"MARCUL","","AP(MARCUL02);LC(NAVARE51);CS(RESTRN01)","3","S","STANDARD","26210"
"MIPARE","","SY(CTYARE51);LC(CTYARE51);CS(RESTRN01)","4","S","STANDARD","26040"
"MORFAC","","AC(CHBRN);LS(SOLD,1,CHBLK)","6","S","DISPLAYBASE","12410 "
"NEWOBJ","","SY(NEWOBJ01);LS(DASH,2,CHMGD)","6","S","STANDARD","21020"
"NEWOBJ","SYMINS","CS(SYMINS01)","6","S","STANDARD","21020"
"OBSTRN","","CS(OBSTRN06)","4","S","OTHER","34050"
"OBSTRN","CATOBS7VALSOU","SY(FOULGND1);LC(NAVARE51)","4","S","OTHER","34051"
"OBSTRN","CATOBS7","SY(FOULGND1);LC(NAVARE51)","4","S","OTHER","34050"
"OBSTRN","CATOBS8","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OBSTRN","CATOBS9","SY(ACHARE02);LS(DASH,1,CHMGD)","4","S","DISPLAYBASE","12410"
"OBSTRN","CATOBS10","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OBSTRN","WATLEV7","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OFSPLF","","AC(CHBRN);LS(SOLD,4,CSTLN);TE('Prod %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","5","O","DISPLAYBASE","12210"
"OSPARE","","SY(CTYARE51);LC(CTYARE51);CS(RESTRN01)","4","S","STANDARD","26040"
"PILBOP","","SY(PILBOP02);LC(CTYARE51)","4","S","STANDARD","28010"
"PIPARE","","SY(INFARE51);LC(PIPARE51);CS(RESTRN01)","3","S","STANDARD","26230"
"PIPARE","CATPIP2","SY(INFARE51);LC(PIPARE61);CS(RESTRN01)","3","S","STANDARD","26230"
"PIPARE","CATPIP3","SY(INFARE51);LC(PIPARE61);CS(RESTRN01)","3","S","STANDARD","26230"
"PIPARE","PRODCT3","SY(INFARE51);LC(PIPARE61);CS(RESTRN01)","3","S","STANDARD","26230"
"PONTON","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"PRCARE","","AP(TSSJCT02);SY(PRCARE51);LC(PRCARE51);CS(RESTRN01)","4","S","-STANDARD","25010"
"PRDARE","","LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA5CONVIS1","SY(RFNERY11);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA8CONVIS1","SY(TNKFRM11);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA9CONVIS1","SY(WNDFRM61);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA1","SY(QUARRY01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA5","SY(RFNERY01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA6","SY(TMBYRD01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA8","SY(TNKFRM01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
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"PRDARE","CATPRA9","SY(WNDFRM51);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PYLONS","","AC(CHBRN);LS(SOLD,2,CSTLN)","6","S","DISPLAYBASE","12210"
"RADRNG","","LS(DASH,1,TRFCF)","3","S","STANDARD","25040"
"RAPIDS","","AC(CHGRD)","3","S","OTHER","32050"
"RCTLPT","","SY(RTLDEF51)","4","S","STANDARD","25020"
"RCTLPT","ORIENT","SY(RCTLPT52,ORIENT)","4","S","STANDARD","25020"
"RECTRC","","SY(RECDEF51);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC1","SY(RECTRC58,ORIENT);TE('%03.0lf
deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC2","SY(RECTRC58,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC3","SY(RECTRC58,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC4","SY(RECTRC56,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC1","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC2","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC3","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC4","SY(RECTRC55,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC1","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC2","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC3","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC4","SY(RECTRC55,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LC(NAVARE51)","6","S","STANDARD","25020"
"RESARE","","CS(RESARE03)","5","S","STANDARD","26010"
"RESARE","CATREA27","SY(ESSARE01);LC(ESSARE01)","5","S","STANDARD","26010"
"RESARE","CATREA28","SY(PSSARE01);LC(ESSARE01)","5","S","STANDARD","26010"
"RIVERS","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"ROADWY","","AC(LANDA);LS(SOLD,1,LANDF)","4","S","OTHER","32250"
"RUNWAY","","AC(CHBRN)","5","S","OTHER","32240"
"RUNWAY","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","5","S","STANDARD","22220"
"SBDARE","","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25)","3","O","OTHER","34010"
"SBDARE","WATLEV3NATSUR","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR9","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR11","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR14","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SEAARE","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"SILTNK","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"SILTNK","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"SLCONS","","CS(SLCONS03)","7","S","DISPLAYBASE","12410"
"SLOGRD","","","","",""
"SLOGRD","CATSLO6","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"
"SMCFAC","","AC(CHBRN);SY(SMCFAC02);LS(SOLD,1,LANDF)","4","S","OTHER","38210"
"SNDWAV","","AP(SNDWAV01);LC(NAVARE51)","4","S","STANDARD","24010"
"SPLARE","","SY(CTYARE51);LC(CTYARE51);CS(RESTRN01)","4","S","STANDARD","26040"
"SUBTLN","","SY(CTYARE51);LC(CTYARE51);CS(RESTRN01)","4","S","STANDARD","26040"
"SWPARE","","SY(SWPARE51);TE('swept to %5.1lf','DRVAL1',1,2,2,'15110',0,1,CHBLK,27);LC(NAVARE51)","4","S","STANDARD","23030"
"T_HMON","","SY(TIDEHT01);LC(TIDINF51)","2","S","OTHER","33050"
"T_NHMN","","SY(TIDEHT01);LC(TIDINF51)","2","S","OTHER","33050"
"T_TIMS","","SY(TIDEHT01);LC(TIDINF51)","2","S","OTHER","33050"
"TS_FEB","","SY(CURDEF01);LC(TIDINF51)","2","S","OTHER","33060"
"TS_FEB","CAT_TS1ORIENT","SY(FLDSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
```

"TS_FEB","CAT_TS2ORIENT","SY(EBBSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
"TS_FEB","CAT_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
"TS_PAD","","SY(TIDSTR01);LC(TIDINF51)","2","S","OTHER","33060"
"TS_PNH","","SY(TIDSTR01);LC(TIDINF51)","2","S","OTHER","33060"
"TS_PRH","","SY(TIDSTR01);LC(TIDINF51)","2","S","OTHER","33060"
"TS_TIS","","SY(TIDSTR01);LC(TIDINF51)","2","S","OTHER","33060"
"TESARE","","LS(DASH,2,CHGRF);CS(RESTRN01)","2","S","OTHER","36050"
"TIDEWY","","LS(DASH,1,CHGRF);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,25)","7","S","OTHER","32070"
"TSEZNE","","AC(TRFCF,3)","4","S","–STANDARD","25010"
"TSSCRS","","AP(TSSJCT02);SY(TSSCRS51);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSLPT","","AP(TSSJCT02);SY(CTNARE51);TX(INFORM,1,1,2,'15110',0,-2,CHBLK,24);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSLPT","ORIENT","SY(TSSLPT51,ORIENT);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSRON","","AP(TSSJCT02);SY(TSSRON51);CS(RESTRN01)","6","S","STANDARD","25010"
"TUNNEL","","LS(DASH,1,CHGRD)","4","S","OTHER","32250"
"TUNNEL","BURDEP0","AC(DEPVS);LS(DASH,1,CHBLK)","4","S","STANDARD","24010"
"TWRTPT","","SY(TWRDEF51);LC(CTYARE51)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC1","SY(TWRTPT53,ORIENT);LC(CTYARE51)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC2","SY(TWRTPT53,ORIENT);LC(CTYARE51)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC3","SY(TWRTPT53,ORIENT);LC(CTYARE51)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC4","SY(TWRTPT52,ORIENT);LC(CTYARE51)","4","S","STANDARD","25010"
"UNSARE","","AC(NODTA);AP(NODATA03);LS(SOLD,2,CHGRD)","1","S","DISPLAYBASE","11050"
"VEGATN","","","","","",""
"VEGATN","CATVEG7","AP(VEGATN04);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG21","AP(VEGATN04);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG3","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG4","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG5","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG6","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG13","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG14","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG15","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG16","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG17","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG18","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG19","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG20","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG22","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"WATTUR","","SY(WATTUR02);LS(DASH,1,CHGRD)","4","S","OTHER","33040"
"WEDKLP","","SY(WEDKLP03);LS(DASH,1,CHGRF)","3","O","OTHER","34020"
"WRECKS","","CS(WRECKS04)","4","S","OTHER","34050"
"WRECKS","CATWRK3VALSOU","LC(NAVARE51)","4","S","OTHER","34051"
"WRECKS","CATWRK3","LC(NAVARE51)","4","S","OTHER","34050"
*
* ***   ***
* *** section two: NON-STANDARD CLASSES ***
* ***   ***
*

*Note: category "DISPLAYBASE" should not be removed from the display.
*For non-standard classes, all category "MARINERS STANDARD" and "MARINERS OTHER"
*should be drawn when "STANDARD DISPLAY" is drawn, and thereafter may be re-assigned
*to the category of choosen by the mariner.
*
"dnghlt","","AC(DNGHL,3);LS(SOLD,3,DNGHL)","8","O","MARINERS STANDARD","53010"
"marfea","","AC(ADINF,3);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,50);LS(SOLD,2,NINFO);LS(SOLD,1,CHBLK);","8","S","MARINERS STANDARD","53050"
"mnufea","","LS(DASH,2,ADINF)","5","S","MARINERS STANDARD","55010"
*
* ***   ***
* *** end of look-up table ***
* ***   ***

11.3.2   Look-up Table for areas with plain boundaries

* *** AREAS WITH PLAIN BOUNDARIES   ***
* *** This is the look-up table for area symbolization. ***
* *** For edition 3.4 Preslib, dated January 2008   ******
*
* Each line contains minimum 6 fields:
* 1. field - code of the object class
* 2. field - attribute combination
* 3. field - symbolization instruction
* 4. field - display priority
* 5. field - radar
* 6. field - IMO display category
* 7. field - viewing group (optional)
*
* Each field entry is framed by '"' and fields are separated by ','.
*
* Please note, that the entries to this table must be in
* alphabetic order (sorted by the class code).
*
* This table has 2 sections:
*
* - The first section contains symbolization instructions for
*   standard S-57 'real world' objects:
* - The second section contains symbolization instructions for
*   non-standard (class code in lowercase) objects:
*

* default for symbolization failure; must be the first entry to look-up table
"#####","","SY(QUESMRK1);LS(DASH,1,CHMGD)","5","S","STANDARD","21010"
*
* ***   ***
* *** section one: REAL WORLD CLASSES ***
* ***   ***
*
"ACHARE","","SY(ACHARE51);LS(DASH,2,CHMGF);CS(RESTRN01)","3","S","STANDARD","26220"
"ACHARE","CATACH8","SY(ACHARE02);LS(DASH,2,CHMGF);CS(RESTRN01)","3","S","STANDARD","26220"
"ACHBRT","","SY(ACHBRT07);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29);LS(DASH,2,CHMGF)","5","S","STANDARD","26220"
"ADMARE","","LS(DASH,2,CHGRF)","2","S","OTHER","36050"
"AIRARE","","AP(AIRARE02);LS(SOLD,1,LANDF)","2","S","OTHER","32240"
"AIRARE","CONVIS1","AC(LANDA);AP(AIRARE02);LS(SOLD,1,CHBLK)","2","S","STANDARD","22220"
"ARCSLN","","LC(ARCSLN01)","5","S","STANDARD","26260"
"BERTHS","","SY(BRTHNO01);TE('Nr %s','OBJNAM',3,1,2,'15110',1,0,CHBLK,29)","3","S","OTHER","32440"
"BRIDGE","","TX(OBJNAM,3,1,2,'15110',1,0,CHBLK,21);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG2","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG3","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG4","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG5","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG7","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BRIDGE","CATBRG8","SY(BRIDGE01);TE('clr cl %4.1lf','VERCCL',3,1,2,'15110',1,0,CHBLK,11);TE('clr op %4.1lf','VERCOP',3,1,2,'15110',1,1,CHBLK,11);LS(SOLD,4,CHGRD)","8","O","DISPLAYBASE","12210"
"BUAARE","","AC(CHBRN);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","3","S","STANDARD","22240"
"BUISGL","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"BUISGL","FUNCTN33CONVIS1","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"BUISGL","FUNCTN33","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"BUISGL","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"CANALS","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"CANALS","CONDTN","AC(DEPVS);LS(DASH,1,CHBLK)","2","S","DISPLAYBASE","12420"
"CAUSWY","","AC(CHBRN);LS(SOLD,1,CSTLN)","5","S","STANDARD","22010"
"CAUSWY","WATLEV4","AC(DEPIT);LS(DASH,2,CSTLN)","5","S","STANDARD","22010"
"CBLARE","","SY(CBLARE51);LS(DASH,2,CHMGD);CS(RESTRN01)","3","S","STANDARD","26230"
"CHKPNT","","SY(CHKPNT01)","4","S","OTHER","32410"
"CHKPNT","","SY(POSGEN04)","4","S","OTHER","32410"
"CONVYR","","TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD1","SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONVYR","CONRAD3","SY(RACNSP01);TE('clr %4.1lf','VERCLR',3,1,2,'15110',1,0,CHBLK,11);LS(SOLD,3,CHGRD)","8","O","DISPLAYBASE","12210"
"CONZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36050"
"COSARE","","LS(DASH,2,CHGRF)","2","S","OTHER","36010"
"CRANES","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32440"
"CRANES","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"

```
"CTNARE","","SY(CTNARE51);LS(DASH,2,TRFCD)","3","S","STANDARD","26050"
"CTSARE","","SY(INFARE51);LS(DASH,1,CHMGF)","3","S","STANDARD","26250"
"CUSZNE","","LS(DASH,1,CHGRF)","2","S","OTHER","36020"
"DAMCON","","AC(CHBRN);LS(SOLD,1,LANDF)","3","S","STANDARD","22010"
"DAMCON","CATDAM3","AC(CHBRN);LS(SOLD,2,CSTLN)","6","S","DISPLAYBASE","12410"
"DEPARE","","CS(DEPARE02)","1","S","DISPLAYBASE","13030"
"DEPARE","DRVAL1?DRVAL2?","AC(NODTA);AP(PRTSUR01);LS(SOLD,2,CHGRD)","1","S","DISPLAYBASE","13030"
"DMPGRD","","SY(INFARE51);LS(DASH,1,CHMGD);CS(RESTRN01)","3","S","STANDARD","26240"
"DOCARE","","AC(DEPVS);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"DOCARE","CONDTN","AC(DEPVS);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26);LS(DASH,1,CHBLK)","2","S","DISPLAYBASE","12420"
"DRGARE","","CS(DEPARE02)","1","S","DISPLAYBASE","13030"
"DRYDOC","","AC(LANDA);LS(SOLD,1,CSTLN)","4","S","OTHER","32440"
"DWRTPT","","SY(TSLDEF51);SY(DWRTPT51);LS(DASH,3,TRFCD);CS(RESTRN01)","4","S","STANDARD","15010 25010"
"DWRTPT","ORIENTTRAFIC1","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LS(DASH,3,TRFCD);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC2","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LS(DASH,3,TRFCD);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC3","SY(TSSLPT51,ORIENT);SY(DWRTPT51);LS(DASH,3,TRFCD);CS(RESTRN01)","4","S","STANDARD","25010"
"DWRTPT","ORIENTTRAFIC4","SY(DWRUTE51,ORIENT);SY(DWRTPT51);LS(DASH,3,TRFCD);CS(RESTRN01)","4","S","STANDARD","25010"
"DYKCON","","AC(CHBRN);LS(SOLD,1,LANDF)","3","S","STANDARD","22010"
"EXEZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36050"
"FAIRWY","","LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC1","SY(FAIRWY51,ORIENT);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC2","SY(FAIRWY51,ORIENT);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC3","SY(FAIRWY51,ORIENT);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"
"FAIRWY","ORIENTTRAFIC4","SY(FAIRWY52,ORIENT);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"
"FERYRT","","SY(FRYARE51);LS(DASH,2,CHMGD)","3","S","STANDARD","26040"
"FERYRT","CATFRY2","SY(FRYARE52);LS(DASH,2,CHBLK)","3","S","STANDARD","26040"
"FLODOC","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"FORSTC","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"FORSTC","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"FRPARE","","LS(DASH,2,CHGRF)","2","S","OTHER","36020"
"FSHFAC","","AP(FSHHAV02);LS(DASH,1,CHGRD)","4","S","OTHER","34040"
"FSHFAC","CATFIF1","AP(FSHFAC03);LS(DASH,1,CHGRD)","4","S","OTHER","34040"
"FSHFAC","CATFIF2","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","OTHER","34040"
"FSHFAC","CATFIF3","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","OTHER","34040"
"FSHFAC","CATFIF4","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","OTHER","34040"
"FSHGRD","","SY(FSHGRD01);LS(DASH,2,CHGRF)","3","S","STANDARD","26210"
"FSHZNE","","LS(DASH,2,CHGRF)","2","S","OTHER","36040"
"GATCON","","AC(CHBRN);LS(SOLD,2,CSTLN)","8","S","DISPLAYBASE","12410"
"GRIDRN","","SY(GRIDRN01)","5","S","OTHER","32460"
"GRIDRN","","LS(DASH,1,CHGRD)","5","S","OTHER","32460"
"HRBARE","","LS(DASH,2,CHGRD)","2","S","OTHER","36020"
"HRBFAC","","SY(CHINFO07)","4","S","OTHER","32410"
"HRBFAC","CATHAF1","SY(ROLROL01)","4","S","OTHER","32410"
"HRBFAC","CATHAF4","SY(HRBFAC09)","4","S","OTHER","32410"
"HRBFAC","CATHAF5","SY(SMCFAC02)","4","S","OTHER","32410"
"HULKES","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"ICEARE","","AC(NODTA);AP(ICEARE04);LS(DASH,1,CHGRD)","3","S","DISPLAYBASE","12410"
"ICNARE","","SY(INFARE51);LS(DASH,1,CHMGF);CS(RESTRN01)","3","S","STANDARD","26250"
"ISTZNE","","SY(ITZARE51);LS(DASH,1,TRFCD);CS(RESTRN01)","5","S","STANDARD","25010"
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"LAKARE","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","STANDARD","22010"
"LNDARE","","AC(LANDA);TX(OBJNAM,1,2,3,'15110',-1,-1,CHBLK,26)","1","S","DISPLAYBASE","12010"
"LNDMRK","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"LNDMRK","CATLMK17FUNCTN33CONVIS1","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"LNDMRK","CATLMK17FUNCTN33","AC(CHBRN);TX(OBJNAM,1,2,2,'15110',0,0,CHBLK,26);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"LNDMRK","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"LNDRGN","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"LNDRGN","CATLND2","AP(MARSHES1)","3","S","STANDARD","21060"
"LNDRGN","CATLND12","AP(MARSHES1)","3","S","STANDARD","21060"
"LOCMAG","","SY(LOCMAG51);LS(DASH,1,CHGRD)","4","S","OTHER","31080"
"LOGPON","","SY(FLTHAZ02);LS(DASH,1,CHBLK)","5","S","DISPLAYBASE","12410"
"LOKBSN","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"M_ACCY","","","","","",""
"M_COVR","","CS(DATCVR02)","1","S","OTHER","31040"
"M_CSCL","","CS(DATCVR02)","1","S","OTHER","31040"
"M_HOPA","","","","","",""
"M_NPUB","","","","","",""
"M_NSYS","","LC(MARSYS51)","4","S","STANDARD","27040"
"M_NSYS","MARSYS1ORIENT","SY(DIRBOYA1,ORIENT);LS(DASH,1,CHGRD)","4","S","STANDARD","27040"
"M_NSYS","MARSYS2ORIENT","SY(DIRBOYB1,ORIENT);LS(DASH,1,CHGRD)","4","S","STANDARD","27040"
"M_NSYS","ORIENT","SY(DIRBOY01,ORIENT);LS(DASH,1,CHGRD)","4","S","STANDARD","27040"
"M_QUAL","","AP(NODATA03);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC1","AP(DQUALA11);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC2","AP(DQUALA21);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC3","AP(DQUALB01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC4","AP(DQUALC01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC5","AP(DQUALD01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_QUAL","CATZOC6","AP(DQUALU01);LS(DASH,2,CHGRD)","4","S","OTHER","31010"
"M_SDAT","","","","","",""
"M_SREL","","","","","",""
"M_VDAT","","","","","",""
"MAGVAR","","SY(MAGVAR51)","4","S","OTHER","31080"
"MARCUL","","AP(MARCUL02);LS(DASH,1,CHGRD);CS(RESTRN01)","3","S","STANDARD","26210"
"MIPARE","","SY(CTYARE51);LS(DASH,2,CHMGD);CS(RESTRN01)","4","S","STANDARD","26040"
"MORFAC","","AC(CHBRN);LS(SOLD,1,CHBLK)","6","S","DISPLAYBASE","12410"
"NEWOBJ","","SY(NEWOBJ01);LS(DASH,2,CHMGD)","6","S","STANDARD","21020"
"NEWOBJ","SYMINS","CS(SYMINS01)","6","S","STANDARD","21020"
"OBSTRN","","CS(OBSTRN06)","4","S","OTHER","34050"
"OBSTRN","CATOBS7VALSOU","SY(FOULGND1);LS(DASH,1,CHGRD)","4","S","OTHER","34051"
"OBSTRN","CATOBS7","SY(FOULGND1);LS(DASH,1,CHGRD)","4","S","OTHER","34050"
"OBSTRN","CATOBS8","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OBSTRN","CATOBS9","SY(ACHARE02);LS(DASH,1,CHMGD)","4","S","DISPLAYBASE","12410"
"OBSTRN","CATOBS10","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OBSTRN","WATLEV7","SY(FLTHAZ02);LS(DASH,1,CSTLN)","4","S","DISPLAYBASE","12410"
"OFSPLF","","AC(CHBRN);LS(SOLD,4,CSTLN);TE('Prod %s','OBJNAM',3,1,2,'15110',1,-1,CHBLK,21)","5","O","DISPLAYBASE","12210"
"OSPARE","","SY(CTYARE51);LS(DASH,2,CHMGD);CS(RESTRN01)","4","S","STANDARD","26040"
"PILBOP","","SY(PILBOP02);LS(DASH,2,TRFCF)","4","S","STANDARD","28010"
"PIPARE","","SY(INFARE51);LS(DASH,2,CHMGD);CS(RESTRN01)","3","S","STANDARD","26230"
"PIPARE","CATPIP2","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","STANDARD","26230"
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"PIPARE","CATPIP3","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","STANDARD","26230"
"PIPARE","PRODCT3","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","STANDARD","26230"
"PONTON","","AC(CHBRN);LS(SOLD,2,CSTLN)","5","S","DISPLAYBASE","12410"
"PRCARE","","SY(PRCARE51);LS(DASH,2,TRFCD);CS(RESTRN01)","4","S","-STANDARD","25010"
"PRDARE","","LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA5CONVIS1","SY(RFNERY11);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA8CONVIS1","SY(TNKFRM11);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA9CONVIS1","SY(WNDFRM61);LS(DASH,1,CHBLK)","4","S","STANDARD","22220"
"PRDARE","CATPRA1","SY(QUARRY01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA5","SY(RFNERY01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA6","SY(TMBYRD01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA8","SY(TNKFRM01);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PRDARE","CATPRA9","SY(WNDFRM51);LS(DASH,1,LANDF)","4","S","OTHER","32270"
"PYLONS","","AC(CHBRN);LS(SOLD,2,CSTLN)","6","S","DISPLAYBASE","12210"
"RADRNG","","LS(DASH,1,TRFCF)","3","S","STANDARD","25040"
"RAPIDS","","AC(CHGRD)","3","S","OTHER","32050"
"RCTLPT","","SY(RTLDEF51)","4","S","STANDARD","25020"
"RCTLPT","ORIENT","SY(RCTLPT52,ORIENT)","4","S","STANDARD","25020"
"RECTRC","","SY(RECDEF51);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC1","SY(RECTRC58,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC2","SY(RECTRC58,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC3","SY(RECTRC58,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK1TRAFIC4","SY(RECTRC56,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC1","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC2","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC3","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTCATTRK2TRAFIC4","SY(RECTRC55,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC1","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC2","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC3","SY(RECTRC57,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RECTRC","ORIENTTRAFIC4","SY(RECTRC55,ORIENT);TE('%03.0lf deg','ORIENT',3,2,2,'15110',4,0,CHBLK,11);LS(DASH,1,CHGRD)","6","S","STANDARD","25020"
"RESARE","","CS(RESARE03)","5","S","STANDARD","26010"
"RESARE","CATREA27","SY(ESSARE01);LC(ESSARE01)","5","S","STANDARD","26010"
"RESARE","CATREA28","SY(PSSARE01);LC(ESSARE01)","5","S","STANDARD","26010"
"RIVERS","","AC(DEPVS);LS(SOLD,1,CHBLK)","2","S","DISPLAYBASE","12420"
"ROADWY","","AC(LANDA);LS(SOLD,1,LANDF)","4","S","OTHER","32250"
"RUNWAY","","AC(CHBRN)","5","S","OTHER","32240"
"RUNWAY","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","5","S","STANDARD","22220"
"SBDARE","","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25)","3","O","OTHER","34010"
"SBDARE","WATLEV3NATSUR","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR9","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR11","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR14","AP(RCKLDG01);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SBDARE","WATLEV4NATSUR","TX(NATSUR,1,2,2,'15110',0,0,CHBLK,25);LS(DASH,1,CHGRD)","3","S","OTHER","34010"
"SEAARE","","TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,26)","3","S","STANDARD","21060"
"SILTNK","","AC(CHBRN);LS(SOLD,1,LANDF)","4","S","OTHER","32220"
"SILTNK","CONVIS1","AC(CHBRN);LS(SOLD,1,CHBLK)","4","S","STANDARD","22220"
"SLCONS","","CS(SLCONS03)","7","S","DISPLAYBASE","12410"
"SLOGRD","","","","","",""
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"SLOGRD","CATSLO6","AC(CHGRD)","3","S","OTHER","32010"
"SMCFAC","","AC(CHBRN);SY(SMCFAC02);LS(SOLD,1,LANDF)","4","S","OTHER","38210"
"SNDWAV","","AP(SNDWAV01);LS(DASH,2,CHGRD)","4","S","STANDARD","24010"
"SPLARE","","SY(CTYARE51);LS(DASH,1,CHMGD);CS(RESTRN01)","4","S","STANDARD","26040"
"SUBTLN","","SY(CTYARE51);LS(DASH,1,CHMGD);CS(RESTRN01)","4","S","STANDARD","26040"
"SWPARE","","SY(SWPARE51);TE('swept to %5.1lf','DRVAL1',1,2,2,'15110',0,1,CHBLK,27);LS(DASH,1,CHGRD)","4","S","STANDARD","23030"
"T_HMON","","SY(TIDEHT01);LS(DASH,1,CHGRD)","2","S","OTHER","33050"
"T_NHMN","","SY(TIDEHT01);LS(DASH,1,CHGRD)","2","S","OTHER","33050"
"T_TIMS","","SY(TIDEHT01);LS(DASH,1,CHGRD)","2","S","OTHER","33050"
"TS_FEB","","SY(CURDEF01);LS(DASH,1,CHGRD)","2","S","OTHER","33060"
"TS_FEB","CAT_TS1ORIENT","SY(FLDSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
"TS_FEB","CAT_TS2ORIENT","SY(EBBSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
"TS_FEB","CAT_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,31)","4","S","OTHER","33060"
"TS_PAD","","SY(TIDSTR01);LS(DASH,1,CHGRD)","2","S","OTHER","33060"
"TS_PNH","","SY(TIDSTR01);LS(DASH,1,CHGRD)","2","S","OTHER","33060"
"TS_PRH","","SY(TIDSTR01);LS(DASH,1,CHGRD)","2","S","OTHER","33060"
"TS_TIS","","SY(TIDSTR01);LS(DASH,1,CHGRD)","2","S","OTHER","33060"
"TESARE","","LS(DASH,2,CHGRF);CS(RESTRN01)","2","S","OTHER","36050"
"TIDEWY","","LS(DASH,1,CHGRF);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,25)","7","S","OTHER","32070"
"TSEZNE","","AC(TRFCF,3)","4","S","STANDARD","25010"
"TSSCRS","","AP(TSSJCT02);SY(TSSCRS51);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSLPT","","SY(CTNARE51);TX(INFORM,1,1,2,'15110',0,-2,CHBLK,24);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSLPT","ORIENT","SY(TSSLPT51,ORIENT);CS(RESTRN01)","6","S","STANDARD","25010"
"TSSRON","","SY(TSSRON51);CS(RESTRN01)","6","S","STANDARD","25010"
"TUNNEL","","LS(DASH,1,CHGRD)","4","S","OTHER","32250"
"TUNNEL","BURDEP0","AC(DEPVS);LS(DASH,1,CHBLK)","4","S","STANDARD","24010"
"TWRTPT","","SY(TWRDEF51);LS(DASH,4,TRFCD)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC1","SY(TWRTPT53,ORIENT);LS(DASH,4,TRFCD)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC2","SY(TWRTPT53,ORIENT);LS(DASH,4,TRFCD)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC3","SY(TWRTPT53,ORIENT);LS(DASH,4,TRFCD)","4","S","STANDARD","25010"
"TWRTPT","ORIENTTRAFIC4","SY(TWRTPT52,ORIENT);LS(DASH,4,TRFCD)","4","S","STANDARD","25010"
"UNSARE","","AC(NODTA);AP(NODATA03);LS(SOLD,2,CHGRD)","1","S","DISPLAYBASE","11050"
"VEGATN","","","","","",""
"VEGATN","CATVEG7","AP(VEGATN04);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG21","AP(VEGATN04);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG3","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG4","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG5","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG6","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG13","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG14","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG15","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG16","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG17","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG18","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG19","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG20","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"VEGATN","CATVEG22","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"
"WATTUR","","SY(WATTUR02);LS(DASH,1,CHGRD)","4","S","OTHER","33040"
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"WEDKLP","","SY(WEDKLP03);LS(DASH,1,CHGRF)","3","O","OTHER","34020"
"WRECKS","","CS(WRECKS04)","4","S","OTHER","34050"
"WRECKS","CATWRK3VALSOU","LS(DASH,1,CHBLK)","4","S","OTHER","34051"
"WRECKS","CATWRK3","LS(DASH,1,CHBLK)","4","S","OTHER","34050"
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* ***   ***
* *** section two: NON-STANDARD CLASSES ***
* ***   ***
*
*Note: category "DISPLAYBASE" should not be removed from the display.
*For non-standard classes, all category "MARINERS STANDARD" and "MARINERS OTHER"
*should be drawn when "STANDARD DISPLAY" is drawn, and thereafter may be re-assigned
*to the category of choosen by the mariner.
*
"dnghlt","","AC(DNGHL,3);LS(SOLD,3,DNGHL)","8","O","MARINERS STANDARD","53010"
"marfea","","AC(ADINF,3);TX(OBJNAM,1,2,3,'15110',0,0,CHBLK,50);LS(SOLD,2,NINFO);LS(SOLD,1,CHBLK);","8","S","MARINERS STANDARD","53050"
"mnufea","","LS(DASH,2,ADINF)","5","S","MARINERS STANDARD","55010"

*
* ***   ***
* *** end of look-up table ***
* ***   ***

<u>Item No.PL03.4.d8.ad.3</u> Addition to PresLib symbol description (Users' Manual Addendum)
                    CHECKPOINT and GRIDIRON symbol

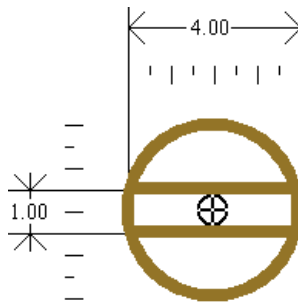|	
Symbol Name:	SY(**CHKPNT01**)
	RN: 590

Symbol Explanation: customs symbo

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
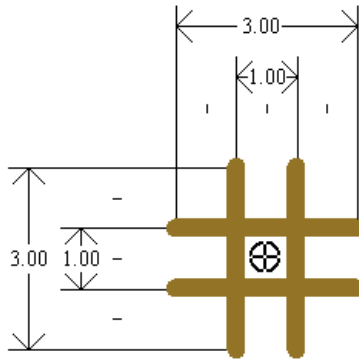
Examples on ENC: N/A

References:

S57	INT 1	
BUISGL	F 61	⊖

Symbol Name:	SY(**GRIDRN01**)
	RN: 591

Symbol Explanation: gridiron

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

Comments: Line weight 0.3 mm

Examples on ENC: N/A

References:

S57	INT 1	
GRIDRN	F 24	

Correction and Addition to List of symbol names & meaning
correct several table entries

15.3/15.6 List of symbol names & meanings arranged numerically/alphabetically

Point symbols & centred area symbols (SY)

11.	SY(AISSLP01)	~~ARPAT~~**RESBLU**	sleeping AIS target
12.	SY(AISVES01)	~~ARPAT~~**RESBLU**	active AIS target showing vector and/or heading

Symbols added since Edition 3.0

580.	SY(AISLST01)	~~RESBLU~~**DNGHL**	lost AIS target
589. SY(~~DGPS01~~**DRFSTA01**)		CHMGD	DGPS Base station