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

**Look-up Table for paper chart point symbolization**

\* \*\*\* PAPER CHART POINTS \*\*\*

\* \*\*\* This is the look-up table for point symbolization. \*\*\*

\* \*\*\* For edition 5.0.0 Preslib, dated May 2024 \*\*\*\*\*\*

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\* 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)

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\* 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:

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\* ‑ 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:

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\* default for symbolization failure; must be the first entry to look‑up table

"######","","SY(QUESMRK1)","5","O","STANDARD","21010"

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\* \*\*\* \*\*\*

\* \*\*\* section one: REAL WORLD CLASSES \*\*\*

\* \*\*\* \*\*\*

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"ACHARE","","SY(ACHARE02);TX(OBJNAM,3,1,2,'15110',-1,2,CHBLK,26)","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"

"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"

"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","","SY(CHKPNT01)","4","S","OTHER","32410"

"CRANES","","SY(CRANES01)","4","O","OTHER","32440"

"CTNARE","","SY(CHINFO06)","4","O","STANDARD","26150"

"CTRPNT","","SY(POSGEN04)","4","O","OTHER","32250"

"CTSARE","","SY(CHINFO07)","4","O","STANDARD","26250"

"CURENT","","SY(CURDEF01)","5","O","OTHER","33060"

"CURENT","ORIENTCURVEL","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,30)","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","STANDARD","27030"

"DISMAR","CATDIS1","SY(DISMAR04);TX(INFORM,2,1,2,'15110',2,0,CHBLK,21)","7","O","STANDARD","27030"

"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","STANDARD","26210"

"FSHFAC","CATFIF1","SY(FSHFAC03)","4","O","STANDARD","26210"

"FSHFAC","CATFIF2","SY(FSHFAC02)","4","O","STANDARD","26210"

"FSHFAC","CATFIF3","SY(FSHFAC02)","4","O","STANDARD","26210"

"FSHFAC","CATFIF4","SY(FSHFAC02)","4","O","STANDARD","26210"

"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","","","","","",""

"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(LIGHTS06)","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","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","CATLMK17FUNCTN31CONVIS1","SY(TOWERS15);TX(OBJNAM,3,2,2,'15110',1,1,CHBLK,26)","6","O","STANDARD","22220"

"LNDMRK","CATLMK17FUNCTN33CONVIS1","SY(TOWERS03);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","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","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"

"LNDMRK","CATLMK15FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"

"LNDMRK","CATLMK17FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"

"LNDMRK","CATLMK17FUNCTN31","SY(TOWERS05);TX(OBJNAM,3,2,2,'15110',1,1,CHBLK,26)","4","O","OTHER","32220"

"LNDMRK","CATLMK17FUNCTN33","SY(TOWERS01);TX(OBJNAM,3,2,2,'15110',1,-1,CHBLK,26)","4","O","OTHER","32220"

"LNDMRK","CATLMK20FUNCTN20","SY(BUIREL01)","4","O","OTHER","32220"

"LNDMRK","CONVIS1","SY(POSGEN03)","6","O","STANDARD","22220"

"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"

"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(SYMINS02)","6","S","STANDARD","21020"

"OBSTRN","","CS(OBSTRN07)","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","OTHER","34030"

"PIPSOL","","","","","",""

"PRCARE","","SY(PRCARE12)","5","O","STANDARD","25010"

"PRDARE","","SY(PRDINS02)","4","O","OTHER","32270"

"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","CATPRA5","SY(FLASTK01)","4","O","OTHER","32270"

"PRDARE","CATPRA6","SY(TMBYRD01)","4","O","OTHER","32270"

"PRDARE","CATPRA8","SY(TNKCON02)","4","O","OTHER","32270"

"PRDARE","CATPRA9","SY(WIMCON01)","4","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(DRFSTA01)","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"

"SLCONS","","SY(MORFAC03);CS(SLCONS04)","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","","SY(SMCFAC02)","4","S","OTHER","38210"

"SNDWAV","","SY(SNDWAV02)","4","O","STANDARD","24010"

"SOUNDG","","CS(SOUNDG03)","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,30)","4","O","OTHER","33060"

"TS\_FEB","CAT\_TS2ORIENT","SY(EBBSTR01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,30)","4","O","OTHER","33060"

"TS\_FEB","CAT\_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,30)","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(TOPMAR02)","6","O","STANDARD","27050"

"TUNNEL","","","","","",""

"UWTROC","","CS(OBSTRN07)","4","O","OTHER","34050"

"VEGATN","","SY(TREPNT04)","3","S","OTHER","32030"

"VEGATN","CATVEG7","SY(TREPNT05)","3","S","OTHER","32030"

"VEGATN","CATVEG21","SY(TREPNT05)","3","S","OTHER","32030"

"WATFAL","","","","","",""

"WATTUR","","SY(WATTUR02)","3","O","OTHER","33040"

"WEDKLP","","SY(WEDKLP03)","3","O","OTHER","34020"

"WRECKS","","CS(WRECKS05)","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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"dnghlt","","SY(DNGHILIT)","8","O","MARINERS","53010"

"indhlt","","SY(INDHLT01)","9","O","MARINERS","53010"

"marfea","","SY(CHINFO09);TX(OBJNAM,3,1,3,'15110',1,-1,CHBLK,50)","8","O","MARINERS","53050"

"marnot","","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS","53040"

"marnot","catnot1","SY(CHINFO08);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS","53030"

"marnot","catnot2","SY(CHINFO09);TX(usrmrk,3,1,2,'15110',0,0,CHBLK,50)","8","O","MARINERS","53040"

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