**Look-up Table for areas with plain boundaries**

\* \*\*\* AREAS WITH PLAIN BOUNDARIES \*\*\*

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

\* \*\*\* For edition 5.0.0 Preslib, dated May 2025\*\*\*

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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 ','.

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\* Please note, that the entries to this table must be in

\* alphabetic order (sorted by the class code).

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\* 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);LS(DASH,1,CHMGD)","5","S","STANDARD","21010"

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

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"ACHARE","","SY(ACHARE51);TX(OBJNAM,2,1,2,'15110',-1,2,CHBLK,26);LS(DASH,2,CHMGF);CS(RESTRN01)","3","S","STANDARD","26220"

"ACHARE","CATACH8","SY(ACHARE02);TX(OBJNAM,2,1,2,'15110',-1,-2,CHBLK,26);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,26);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","OTHER","34030"

"CBLARE","CATCBL4","SY(CBLARE52);LS(DASH,2,CHMGD);CS(RESTRN01)","3","S","OTHER","34030"

"CBLARE","CATCBL5","SY(CBLARE52);LS(DASH,2,CHMGD);CS(RESTRN01)","3","S","OTHER","34030"

"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","26150"

"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(DEPARE03)","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(DEPARE03)","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","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","","TX(OBJNAM,3,2,3,'15110',2,0,CHBLK,26);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"

"FAIRWY","ORIENTTRAFIC1","SY(FAIRWY51,ORIENT);TX(OBJNAM,3,2,3,'15110',2,0,CHBLK,26);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"

"FAIRWY","ORIENTTRAFIC2","SY(FAIRWY51,ORIENT);TX(OBJNAM,3,2,3,'15110',2,0,CHBLK,26);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"

"FAIRWY","ORIENTTRAFIC3","SY(FAIRWY51,ORIENT);TX(OBJNAM,3,2,3,'15110',2,0,CHBLK,26);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"

"FAIRWY","ORIENTTRAFIC4","SY(FAIRWY52,ORIENT);TX(OBJNAM,3,2,3,'15110',2,0,CHBLK,26);LS(DASH,1,CHGRD);CS(RESTRN01)","4","S","STANDARD","26050"

"FERYRT","","SY(FRYARE51);LS(DASH,2,CHMGD)","3","S","STANDARD","25030"

"FERYRT","CATFRY2","SY(FRYARE52);LS(DASH,2,CHBLK)","3","S","STANDARD","25030"

"FLODOC","","AC(CHBRN);LS(SOLD,2,CSTLN)","2","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","STANDARD","26210"

"FSHFAC","CATFIF1","AP(FSHFAC03);LS(DASH,1,CHGRD)","4","S","STANDARD","26210"

"FSHFAC","CATFIF2","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","STANDARD","26210"

"FSHFAC","CATFIF3","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","STANDARD","26210"

"FSHFAC","CATFIF4","AP(FSHFAC04);LS(DASH,1,CHGRD)","4","S","STANDARD","26210"

"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","","LS(DASH,1,CHGRD)","5","S","STANDARD","27060"

"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)","2","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"

"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","","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","","","","","OTHER","31010"

"M\_COVR","","","","","OTHER","31040"

"M\_CSCL","","","","","OTHER","31040"

"M\_HOPA","","","","","OTHER","31010"

"M\_NPUB","","LS(DASH,2,CHGRD)","4","S","OTHER","31020"

"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","","","","","OTHER","31010"

"M\_SREL","","","","","OTHER","31010"

"M\_VDAT","","","","","OTHER","31010"

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

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

"PIPARE","CATPIP2","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","OTHER","34030"

"PIPARE","CATPIP3","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","OTHER","34030"

"PIPARE","PRODCT3","SY(INFARE51);LS(DASH,2,CHGRD);CS(RESTRN01)","3","S","OTHER","34030"

"PONTON","","AC(CHBRN);LS(SOLD,2,CSTLN)","2","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(RESARE04)","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(SLCONS04)","7","S","DISPLAYBASE","12410"

"SLOGRD","","","","","",""

"SLOGRD","CATSLO1CONRAD1","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"

"SLOGRD","CATSLO2CONRAD1","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"

"SLOGRD","CATSLO3CONRAD1","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"

"SLOGRD","CATSLO4CONRAD1","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"

"SLOGRD","CATSLO5CONRAD1","AC(CHGRD);LS(SOLD,1,CHBLK)","3","S","OTHER","32010"

"SLOGRD","CATSLO6","AC(CHGRD)","3","S","OTHER","32010"

"SLOGRD","CATSLO7CONRAD1","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);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,30)","4","S","OTHER","33060"

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

"TS\_FEB","CAT\_TS3ORIENT","SY(CURENT01,ORIENT);TE('%4.1lf kn','CURVEL',3,1,2,'15110',1,-1,CHBLK,30)","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","","AP(VEGATN03);LS(DASH,1,LANDF)","3","S","OTHER","32030"

"VEGATN","CATVEG7","AP(VEGATN04);LS(DASH,1,LANDF)","3","S","OTHER","32030"

"VEGATN","CATVEG21","AP(VEGATN04);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(WRECKS05)","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 \*\*\*

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"dnghlt","","AC(DNGHL,3);LS(SOLD,3,DNGHL)","8","O","MARINERS","53010"

"indhlt","","LC(INDHLT02)","9","O","MARINERS","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","53050"

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\* \*\*\* end of look‑up table \*\*\*

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