

Proposals to use SCAMIN

12 June 2008

This document is added to circular letter 47/2004 in order to improve ENC consistency in the Baltic Sea.

At the 1st BSEHWG meeting in Copenhagen on January 22nd 2008 was decided to create more definite rules to harmonize ENCs in the Baltic Sea. Compilation scale settings were slightly changed to CL47/2004 due to the fairly narrow and shallow waters in the Baltic Sea. Harmonization was considered important only for navigational purposes *Approach*, *Coastal* and *General*. For ENCs in navigational purposes *Harbour* and *Berthing* each Hydrographic Office is responsible for acceptable results.

1. Compilation Scale

On the Baltic Sea, the following values for the compilation scales should be used:

General	180,000
Coastal	90,000
Approach	22,000

If an HO wants to use a compilation scale other than those recommended above, it may do so if all the following conditions are met:

- 1) the value used is in line with the intention of the IHO CL 47/2004
- 2) use of it is agreed bilaterally with neighbouring HO(s) concerned to avoid inconsistencies at the border, and
- 3) every effort is made to minimize possible inconsistencies due to the deviating value from the recommended compilation scale.

2. Use of fixed SCAMIN values according to following table (compulsory)

The Hydrographic Offices should use the fixed SCAMIN values according to the following table.

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
ADMARE				
ARCSLN				
ASLXLN				

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
BRIDGE				
C_AGGR				
C_ASSO				
CANALS				
CBLOHD				
COALNE				
CONVYR				
CONZNE				
COSARE				
CUSZNE				
DAMCON				
DEPARE				
DEPCNT				
DOCARE				
DRGARE				
DWRTCL				
DWRTPT				
EXEZNE				
FAIRWY				
FLODOC				
FSHZNE				
GENOBJ				
HULKES				
ICEARE				
ISTZNE				
LNDARE				
LOGPON				
LOKBSN				
M_ACCY				
M_COVR				
M_CSCL				
M_HOPA				
M_NPUB				
M_NSYS				
M_QUAL				
M_SDAT				
M_SREL				
M_VDAT				
OFSPLF				
OILBAR				
PIPOHD				
PONTON				
PRCARE				

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
PYLONS				
RCRTCL				
RCTLPT				
RECTRC				
RIVERS				
SLCONS				
STSLNE				
T_HMON				
T_HMON				
T_NHMN				
T_NHMN				
T_TIMS				
T_TIMS				
TESARE				
TS_FEB				
TS_FEB				
TS_PAD				
TS_PAD				
TS_PNH				
TS_PNH				
TS_PRH				
TS_PRH				
TSELNE				
TSEZNE				
TSSBND				
TSSCRS				
TSSLPT				
TSSRON				
TS-TIS				
TS-TIS				
TWRTPT				
UNSARE				
BUISGL	1	349999	179999	44999
MORFAC	1	349999	179999	44999
PILPNT	1	349999	179999	44999
RAILWY	1	349999	179999	44999
ROADWY	1	349999	179999	44999
SILTNK	1	349999	179999	44999
ACHBRT	2	699999	349999	89999
AIRARE	2	699999	349999	89999
BERTHS	2	699999	349999	89999
BUAARE	2	699999	349999	89999
CAUSWY	2	699999	349999	89999

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
CBLARE	2	699999	349999	89999
CBLSUB	2	699999	349999	89999
CGUSTA	2	699999	349999	89999
CHKPNT	2	699999	349999	89999
CRANES	2	699999	349999	89999
CTNARE	2	699999	349999	89999
CTRPNT	2	699999	349999	89999
CTSARE	2	699999	349999	89999
CURRENT	2	699999	349999	89999
DAYMAR	2	699999	349999	89999
DISMAR	2	699999	349999	89999
DMPGRD	2	699999	349999	89999
DRYDOC	2	699999	349999	89999
DYKCON	2	699999	349999	89999
FERYRT	2	699999	349999	89999
FNCLNE	2	699999	349999	89999
FORSTC	2	699999	349999	89999
FRPARE	2	699999	349999	89999
FSHFAC	2	699999	349999	89999
FSHGRD	2	699999	349999	89999
GATCON	2	699999	349999	89999
GRIDRN	2	699999	349999	89999
HRBARE	2	699999	349999	89999
HRBFAC	2	699999	349999	89999
ICNARE	2	699999	349999	89999
LAKARE	2	699999	349999	89999
LNDELV	2	699999	349999	89999
LNDRGN	2	699999	349999	89999
LOCMAG	2	699999	349999	89999
MAGVAR	2	699999	349999	89999
MARCUL	2	699999	349999	89999
MIPARE	2	699999	349999	89999
NAVLNE	2	699999	349999	89999
OBSTRN	2	699999	349999	89999
OSPARE	2	699999	349999	89999
PIPARE	2	699999	349999	89999
PIPSOL	2	699999	349999	89999
PRDARE	2	699999	349999	89999
PRDARE	2	699999	349999	89999
RADLNE	2	699999	349999	89999
RADRNG	2	699999	349999	89999
RADSTA	2	699999	349999	89999
RAPIDS	2	699999	349999	89999

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
RDOSTA	2	699999	349999	89999
RESARE	2	699999	349999	89999
RETRFL	2	699999	349999	89999
RSCSTA	2	699999	349999	89999
RTPBCN	2	699999	349999	89999
RUNWAY	2	699999	349999	89999
SBDARE	2	699999	349999	89999
SEAARE	2	699999	349999	89999
SISTAT	2	699999	349999	89999
SISTAW	2	699999	349999	89999
SLOGRD	2	699999	349999	89999
SLOTOP	2	699999	349999	89999
SMCFAC	2	699999	349999	89999
SNDWAV	2	699999	349999	89999
SOUNDG	2	699999	349999	89999
SPLARE	2	699999	349999	89999
SPLARE	2	699999	349999	89999
SPRING	2	699999	349999	89999
SUBTLN	2	699999	349999	89999
SWPARE	2	699999	349999	89999
TIDEWY	2	699999	349999	89999
TUNNEL	2	699999	349999	89999
UWTROC	2	699999	349999	89999
VEGATN	2	699999	349999	89999
WATFAL	2	699999	349999	89999
WATTUR	2	699999	349999	89999
WEDKLP	2	699999	349999	89999
WRECKS	2	699999	349999	89999
ACHARE	3	1499999	699999	179999
BCNCAR	3	1499999	699999	179999
BCNISD	3	1499999	699999	179999
BCNLAT	3	1499999	699999	179999
BCNSAW	3	1499999	699999	179999
BCNSPP	3	1499999	699999	179999
BOYCAR	3	1499999	699999	179999
BOYINB	3	1499999	699999	179999
BOYISD	3	1499999	699999	179999
BOYLAT	3	1499999	699999	179999
BOYSAW	3	1499999	699999	179999
BOYSPP	3	1499999	699999	179999
FOGSIG	3	1499999	699999	179999
LIGHTS	3	1499999	699999	179999
LITFLT	3	1499999	699999	179999

OBJECT	SCAMIN Steps according to CL47	General Scamin	Coastal Scamin	Approach Scamin
LITVES	3	1499999	699999	179999
LNDMRK	3	1499999	699999	179999
PILBOP	3	1499999	699999	179999
RDOCAL	3	1499999	699999	179999
RADRFL	The same as the master			
TOPMAR	The same as the master			

If a feature is a slave, then the SCAMIN value of the master is used.

3. SCAMIN value of an individual object depends on the SCAMIN in a smaller scale ENC (optional)

If the disappearance and reappearance of an individual object is of concern in the transition from a larger scale ENC to a smaller scale ENC, then that individual object in the larger scale ENC should have the same SCAMIN as in the smaller scale ENC. This option should only be used after proper consideration.

4. Special circumstances

If found necessary it is possible to deviate from these rules. When doing so the HO should make every effort to minimize the effect of any inconsistencies that may occur. This should be done through bilateral/multilateral agreements and through harmonising of data in order to ensure that no serious disharmony is introduced into the presentation of ENCs.