WORLD METEOROLOGICAL ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (OF UNESCO)

EXPERT TEAM ON SEA ICE - FIFTH SESSION

STEERING GROUP FOR THE PROJECT GLOBAL DIGITAL SEA ICE DATA BANK (GDSIDB) – THIRTEENTH SESSION

OTTAWA, CANADA, 25 TO 28 MARCH 2014

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PROPOSED ADJUSTMENT OF ICEBERG SYMBOLOGY ON ICE CHARTS

Summary and Purpose of Document

Ice Center practice in mapping and presentation of icebergs and growlers outside the ice edge on regional ice charts has identified some inconsistencies and needs for adjustments of symbology. Current symbology permits symbols for one/many icebergs/growlers respectively though a symbol and for "few" icebergs is needed in waters of icebergs.

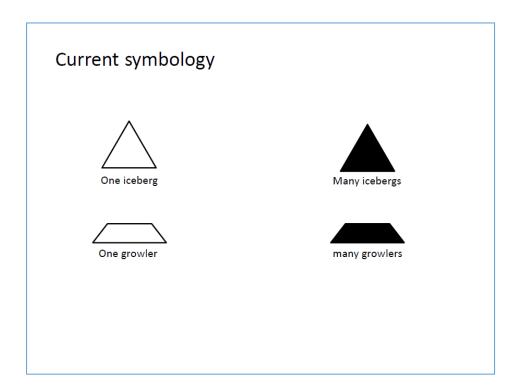
ACTION PROPOSED

The Team is invited to:

- (a) Review and discuss the attached two proposals for definition and display of one/few/many icebergs/growlers;
- (b) Recommend adjustments of proposal(s);
- (c) Consider submission of revised proposal.

Reference: WMO-No. 259, Volume III "International system of sea ice symbols" (coding tables and symbols for ice charts)

DISCUSSION



Proposed symbology (option 1)

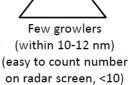


One iceberg (at dots location)





Few icebergs (within 10-12 nm) (easy to count number on radar screen, <10)





Many icebergs (within 10-12 nm) (difficult to count number on radar screen, >10)



many growlers (within 10-12 nm) (difficult to count number on radar screen, >10)

Proposed symbology (option 2)



One iceberg





Few icebergs (within 10-12 nm) (easy to count number on radar screen, <10)



Few growlers (within 10-12 nm) (easy to count number on radar screen, <10)



Many icebergs (within 10-12 nm) (difficult to count number on radar screen, >10)



many growlers (within 10-12 nm) (difficult to count number on radar screen, >10)