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**INTERGOVERNMENTAL OCEANOGRAPHIC
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JOINT WMO/IOC TECHNICAL COMMISSION FOR
OCEANOGRAPHY AND MARINE METEOROLOGY
(JCOMM)

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EXPERT TEAM ON SEA ICE – FOURTH SESSION
STEERING GROUP FOR THE PROJECT GLOBAL DIGITAL
SEA ICE DATA BANK (GDSIDB) – TWELTH SESSION

ITEMS 2.6.1, 2.6.3, 2.6.4

ST PETERSBURG, RUSSIAN FEDERATION
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Original: ENGLISH

Proposed Changes to Harmonize the WMO Sea Ice Nomenclature and Symbology, the SIGRID-3 Coding Standard and the ENC Ice Objects Catalogue

(Submitted by Marie-France Gauthier, Canadian Ice Service)

Summary and Purpose of Document

This document contains a number of proposed amendments to the WMO Sea Ice Nomenclature and Symbology, the SIGRID-3 coding standard and the ENC Ice Objects Catalogue to further harmonize these standards following recommendation from ETSI-III.

ACTION PROPOSED

The Expert Team on Sea Ice (ETSI) is invited to:

- (a) Note and comment on the proposed amendments to the:
 - WMO Publication No. 259 Sea Ice Nomenclature and Symbology;
 - JCOMM SIGRID-3 coding standard; and,
 - ENC Ice Objects Catalogue Version 4.0
- (b) Approve these proposed amendments separately or together.
- (c) Recommend a mechanism to implement the approved amendments.

Background

At the 3rd Session of the Expert Team on Sea Ice in March 2007 (Ref: Meeting Summary Paragraph 2.8.1.2), Mr John Falkingham (Canada) presented a report on additional recommendations for changes to ice coding and mapping standards, including SIGRID-3 and the Sea Ice Nomenclature and Symbology, introduced in the final report of the Canadian Ice Service (CIS) on the ECDIS Ice Objects Catalogue Revision Project, and noted the intention to resolve internal inconsistencies in the standards or between standards. These additional recommendations are presented in Appendix I. ETSI agreed to discuss these recommendations during the intersessional period by email and/or teleconference (Action:

ETSI members) and invited Mr Falkingham to coordinate these actions and act as the leader (Action: Mr Falkingham). The Team recommended that after the approval, these definitions should be available in English, French, Russian and Spanish (Action: ETSI members and Secretariat).

Appendix II contains Version 4.1 of the ENC Ice Objects Catalogue as it would appear if the above proposals are approved. Additionally, this version includes numeric codes for each feature and attribute (that were previously unassigned) and corrects a number of minor typos.

Attachments

Appendix I - Proposed Changes to Harmonize the WMO Sea Ice Nomenclature and Symbolology, the SIGRID-3 Coding Standard and the ENC Ice Objects Catalogue

Appendix II - Ice Objects Catalogue Version 4.1 (proposed)
