

EXPERT TEAM ON SEA ICE – FIFTH SESSION

**ETSI-5/GDSIDB-13/Doc.8.2**

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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## **JCOMM MARINE METEOROLOGICAL MONITORING SURVEY**

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### **Summary and Purpose of Document**

This document provide a brief description on the regular survey of JCOMM on the effectiveness of and the degree of user satisfaction on the marine meteorological and oceanographic information produced and transmitted by the National Meteorological and Hydrological Services (NMHSs).

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### **ACTION PROPOSED**

The Team is invited to:

- (a) Note and comment on the information contained in the report;
  - (b) Take other actions on the issue raised in the report, as appropriate.
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### **References:**

## DISCUSSION

1. The Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM), through technical advice by the Expert Team on Maritime Safety Services (ETMSS), has been regularly conducting the Marine Meteorological Monitoring Survey (MMMS), in order to monitor the effectiveness of and the degree of user satisfaction on the marine meteorological and oceanographic information produced and transmitted by the National Meteorological and Hydrological Services (NMHSs).
2. The primary purpose of this survey is to obtain direct interaction and feedback from the marine users, for future improvement in the work of the Issuing Services of the meteorological Maritime Safety Information (MSI), in each METAREA. For the 2011 survey, the WMO Secretariat developed an online version of the MMMS (<http://www.jcomm.info/MMMS>). This new means enabled the dissemination of surveys more frequently to assess the level of satisfaction of end-users. The preliminary analysis of the survey can be found at the above-mentioned web page.
3. Recent surveys included specific questions about the degree of user satisfaction on various type of meteorological MSI, including sea ice and icebergs information. An excerpt of the 2011 MMMS results, regarding the user satisfaction for sea ice informations, is reproduced in *APPENDIX*.
3. The new MMMS survey has been opened for the period of March – June 2014, at: <http://www.jcomm.info/MMMS2014>. The questions in the MMMS2014 were slightly revised from those in the previously conducted surveys, for users to find further consistency in the questions. A question on sea ice information is included in the new survey, as well.

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Appendix: 1

## APPENDIX

**Excerpt: Summary and Results of the MMMS 2011****1. Question #4 in MMMS 2011:**

(an identical question was posed in MMMS 2009, as well.)

	Not used	Good	Average	Poor	Issuing Met Service	Station
<b>4</b> Sea Ice and Icebergs Information (for mariners in areas with floating ice). Please rate the following:						
A Clarity of information						
B Accuracy of information						
C Timeliness						
D Terminology used						
Comments						

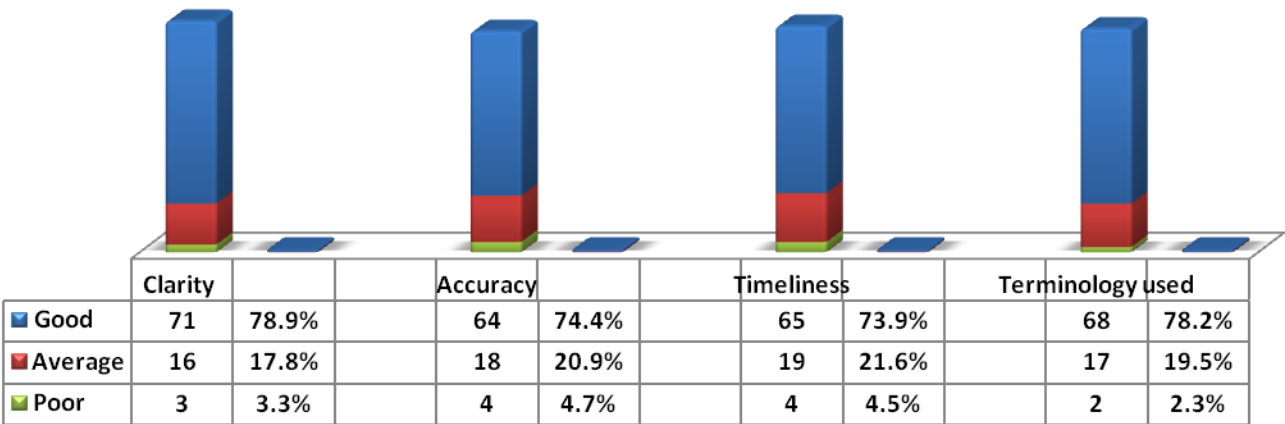
**2. Summary/Analysis of Responses to Question#4:**

Sea Ice and Icebergs Information: This service continues to provide clear and mostly accurate in a timely way. Over 75% of respondents who used the services rated it as “Good”. Overall, with responses to specific questions on “clarity” and “terminology” being around 78%.

It was noted that a large number of vessels obtain sea ice information (such as ice charts) via internet (e.g. Polar Views/US National Ice Center, BALTICE.ORG, ILMATIETEEENLAITOS.Fi). Specific comments for future improvement included:

- “It would be better to receive more detailed charts for certain areas in Baltic Sea”
- “The information are easy to understand, which must make it easy to use them, although we cannot confirm this as well as the accuracy, because the vessel does not proceed in ice-burg areas”
- “In the case of navigation to antarctic waters, the information provided by Chile Navy Weather Service is too poor to allocate sea ice and drifting icebergs in charts. The data used for reference came from Argentina National Meteorological Service at [www.smn.gov.ar](http://www.smn.gov.ar)”
- “VSL is to execute vova within tradilo warning limits, but Icebergs warning broadcast fm (NAVTEX INMC VF) which cover the affected areas”
- “Traffic Pattern and Intensity Requires more Specific/Detailed forecasts (by Spec Location as well) “

Sea Ice and Icebergs Information



Response in 2009 Survey:

	Clarity	Accuracy	Timeliness	Terminology
Good	84%	81%	82%	88%
Average	15%	17%	15%	10%
Poor	1%	2%	3%	2%

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