



World Meteorological Organization



Intergovernmental Oceanographic
Commission (of UNESCO)

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

EXPERT TEAM ON SEA ICE (ETSI)

Seventh Session

Geneva, 13 May to 15 May 2019

ETSI-7/Doc. 1.1

Submitted by:
Secretariat, ETSI
29.IV.2019

DRAFT

Venue: 6L, WMO Secretariat

PROVISIONAL TIMETABLE

Time	Subject	Responsible	Comments
13 May			
0900-0920	1. Opening of the meeting		
0900-0910	1.1 Opening	Chair, Secretariat	Welcome from ETSI chair and WMO Secretariat and meeting objectives
0910-0915	1.2 Adoption of the agenda	Chair	
0915-0920	1.3 Working arrangements	Secretariat	
0920-1100	2. WMO Updates		
0920-0940	2.1 Report of the ETSI chair	Chair	Report of the JCOMM ETSI chair including review of Action Items from ETSI-6
0940-1010	2.2 WMO Reform and future of JCOMM	Secretariat	Information on the proposed WMO reform and activity of the Joint WMO-IOC Consultation Group on the Reform of JCOMM (JCG)
1010-1030	2.3 WMO Executive Council Polar and High Mountain Research and Services (EC-PHORS)	Secretariat	Information on the EC-PHORS activity and role in the future WMO structure
1030-1045	Refreshment break		
1045-1115	2.4 WMO Congress – relevant documents	Secretariat	Introduction to WMO Congress documents relevant to ETSI
1115-1800	3. Review of sea ice guidance documents and other related documentation		
1115-1230	3.1 Sea ice best practices from the members	Members	5 slides from each of the members to show status (AR,CA,DK,FI,GE,JP,NO,RU,US)
1230-1400	Lunch		
1400-1430	3.2 Sea-Ice information services in the World (WMO-No.574)	VS, CP, Secretariat	Review of the 2019 edition and proposals for further updates
1430-1530	3.3 WMO Sea Ice Nomenclature vol. 1, 2 and 3 (WMO-No.259)	VS, members	Status, proposed and perspective updates for each of the volumes: Vol.1 Terminology (20') Vol.2 Illustrated Glossary (20') Vol.3 Symbolology (20')
1530-1545	Refreshment break		
1545-1610	3.4 SIGRID-3 (JCOMM-TR-023)	NH, members	- status and updates - uncertainties - value-added fields
1610-1630	3.5 Ice chart colour standard	KQ, members	- status and updates

	(JCOMM-TR-024)		- icebergs - other parameters
1630-1800	3.6 Ice information in ENC/ECDIS: Ice Objects Catalogue, S-411, S-412 and S-100	JH, VS, members	- status and updates - styling in GIS - S-412 and S-100 - software - implementations
14 May			
0900-1030	4. Sea-ice capacity building		
0900-0930	4.1 Ice Analysts Competency	SW	Review of Ice Analysts Competency document from the IICWG
0930-1000	4.2 Ice analysis and forecast resources	AS, NH, members	- GIS software - iceberg modelling - ice forecasting software
1000-1030	4.3 Training in sea ice analysis	CP, members	Training courses and resources
1030-1045	Refreshment break		
1045-1230	5. Polar code implementation		
1045-1115	5.1 National practices in risk assessments	Members	Discussion on national practices in risk assessment in polar waters
1115-1200	5.2 White paper on Polar Code Implementation	KQ, members, Secretariat	Discussion on WP on Polar Code implementation for the WMO
1200-1500	6. GMDSS implementation in Polar regions		
1200-1230	6.1 National practices for polar METAREAs	Members for METAREAS I, IV, XII, XIII, XVII-XXI	3 slides (5') from each of the 6 members to show status of coastal and high seas GMDSS (NO, CA, DK, US, RU, AR) - structure of service, collaboration with NAVAREA, METAREA and subregions schemas, names - parameters, coding, sample SafetyNET and NAVTEX bull - promulgation technique, APIs if any, feedback, validation
1230-1400	Lunch		
1400-1430	6.2 Updates on GMDSS guides and manuals & WMO/IHO/IMO joint activities	Secretariat	Updates on WMO and WMO/IHO/IMO guidelines on MSI - WMO 558, 471 - Revised SafetyNET manual - SafetyCast manual - WMO/IHO/IMO joint activities and workshops
1430-1500	6.3 New techniques for promulgation of GMDSS information	Members, Secretariat	Open discussion on capabilities of the new techniques: - SafetyNET-2 - SafetyCAST
1500-1700	7. Sea Ice information systems		
1500-1530	7.1 Sea ice operational portals	Chair, Members	Discussion on capabilities and restrictions (formal/informal) of existing portals: - Ice Logistics portal - Polarview - Southern Ocean portal - Copernicus - WMO WIS
1530-1545	Refreshment break		
1545-1615	7.2 Connection to JCOMM ETOOFS	ETOOFS Chair	Presentation (video link) on ice products from ETOOFS side
1615-1700	7.3 Sea ice climatology	VS, NH, JH members	- NSIDC - GDSIDB

			- Copernicus Climate Service
1900-	No host dinner		
	15 May		
0900-1030	8. Interaction with WMO programmes		
0900-0930	8.1 Global Cryosphere Watch	GCW office, Chair	Discussion on the best way to collaborate with GCW - terminology team - integrated products - CryoNET - ice intercomparison project
0930-1000	8.2 Polar Regional Climate Center (PRCC)	Chair, WCP	- 3rd Pan-Arctic Climate Outlook Forum (PARCOF3) - interaction with ArcRCC-N - future AntRCC-N
1000-1030	8.3 International Ice Charting Working Group (IICWG)	Members	Discussion on interaction with IICWG
1030-1045	Refreshment break		
1045-1115	8.4 Sea Ice Services in the new WMO Structure	Members, Secretariat	Open discussion on connections with SFSPA ET and the Team's place inside the new WMO structure
1115-1130	9 Other partners	Secretariat	
1130-1200	10 Other issues	Secretariat	
1200-1300	Lunch		
1300-1400	11 Review of action items	Secretariat, Chair	Review and adoption of action items
1400	12 Closure of the session		
