

WMO Liaison Report 2019

WWNWS, Meeting 11, Agenda Item 2.3

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Vice-Chair of WWMIWS-C



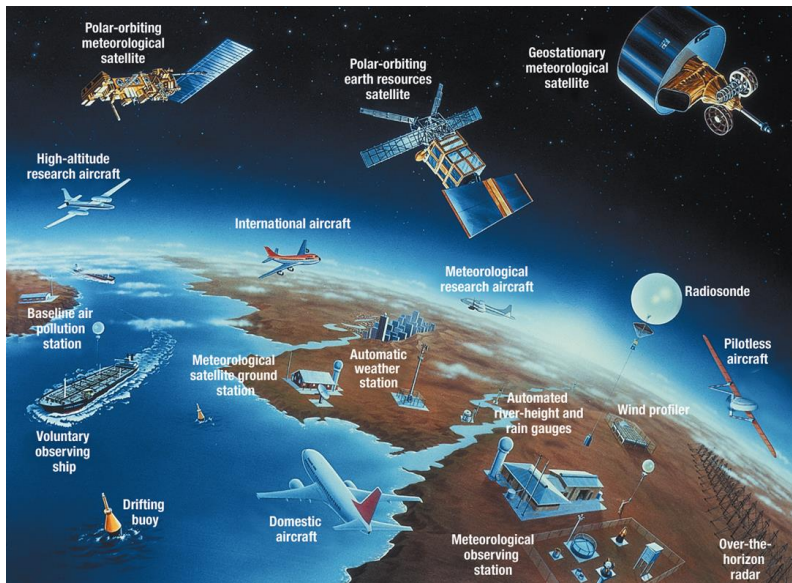
WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

World Meteorological Organization



- UN Specialized Agency on weather, climate & water
- 193 Members, HQ in Geneva
- 2nd oldest UN Agency, 1873-
- Coordinates work of > 200 000 national experts from meteorological & hydrological services, academia (& private sector)
- Co-Founder and host agency of IPCC (1st World Climate Conference)
- Co-Founder of UNFCCC (2nd World Climate Conference)



WMO Mission/key activities

1. World climate observation & research
2. Weather, climate and hydrological services
3. Earth System observations coordination & technology standardization
4. Strengthening of the national service capabilities
5. Efficient governance



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WMO Congress - 18th Session

- JCOMM will cease at the end of 2019
- Creation of two new Technical Commissions (one for Services, the other for Infrastructure/Observations)
- The two new Technical Commissions are expected to meet for the first time in April 2020
- The WWMIWS-Committee is expected to report under the new service Technical Commission that is being established



IMO Member State Audit Scheme

- WMO has developed a set of guidelines to assist the IMO Audit team when they are conducting audits in respect to SOLAS obligations
- SOLAS Chapter V, Regulation V, outlines the meteorological and ice service responsibilities within each country

Marine-related Global Data-Processing and Forecasting Systems (GDPFS) at the Regional Specialized Meteorological Centre's (RSMC)

To provide a common foundation for all Members to provide marine meteorological services from, a framework of marine-related centres was established including RSMCs for wave, ocean, and marine environment emergency response modelling, to complement existing RSMC's for tropical cyclones and atmospheric modelling.

Marine Forecaster Competency implementation

- to develop specific guidance in the context of supporting Members to attain competencies for marine forecasting staff
- a training project is underway at the WMO to facilitate Members to strengthen their delivery of marine and coastal services

WMO Marine Services Survey 2018

- Gaps in marine and coastal services were evident from the Survey, particularly related to lack of human resources, capacity development and training, funding and equipment. See :
https://www.jcomm.info/index.php?option=com_content&view=article&id=372:wmo-survey-assessment-of-national-marine-and-coastal-services&catid=7:services



METAREA Coordinator Handbook

The WWMIWS Committee have drafted a Handbook for METAREA Coordinators, which summarises the requirements and procedures from a number of official documents related to the IMO/WMO WWIMWS. It will serve as guide for METAREA Coordinators to perform their duties

S-412 Specifications progress

- As a WWMIWS project and with strong support of the NOAA/NWS the marine meteorological product specifications were successfully split (during HSSC11) to now include: S-412 – Weather and Wave Hazards; S-413 – Weather and Wave Conditions; and; S-414 - Weather and Wave Observations.
- The project has advanced with work on the Production Specification, UML Schema, Feature Catalogue and Metadata this past year by the WWMIWS-C and NOAA.



METAREA SafetyNetII implementation

- WWMIWS and the WMO are working with INMARSAT on the METAREA requirements for SafetyNet II.
- While the new web interface has shown benefit from a backup potential to a number of MSI Issuing Services, for the METAREAs Issuing Services a machine to machine API is required due to the regular nature and volume of met. MSI messages.
- No METAREA Issuing Service is planning on transition until an API is in place. Work is ongoing for formally establishing user requirements to align with a project being initiated within INMARSAT to meet this requirement.

Service Provider Transition

- The WWMIWS-C has been coordinating with the METAREA Coordinators and Iridium, with the needs for the transition to the operational promulgation of meteorological MSI through the new Service Provider, Iridium. WMO, IHO, IMO and Iridium are communicating regarding the addition of this new service.

JOINT WMO/IMO SYMPOSIUM (3 days)

Extreme Maritime Weather: Towards Safety of Life at Sea and Sustainable Blue Economies

23-25 October 2019, IMO Headquarters, London UK

- The Joint WMO/IMO Symposium “Extreme Maritime Weather: Towards Safety of Life at Sea and Sustainable Blue Economies” aims to identify ways to reduce the loss of life and property, as well as disruptions to the economy from extreme maritime weather.
- Symposium will cover topics including: meteorological maritime safety information services; impacts of extreme weather at sea; and industry perspective on impacts and decision making. More detail is available at: https://www.jcomm.info/index.php?option=com_oie&task=viewEventRecord&eventID=2455
- WMO and IMO encourages the IHO, METAREA and NAVAREA communities to participate.



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THANK YOU



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