

DRAFT TERMS OF REFERENCE AND MEMBERSHIP OF THE ETMC TASK TEAM ON THE MARINE CLIMATE DATA SYSTEM (TT-MCDS)

The Task Team on the Marine Climate Data System (TT-MCDS) replaces (i) the Cross Cutting DMPA-OPA Task Team on Delayed Mode VOS Data (TT-DMVOS), and (ii) the DMPA/ETMC Task Team on Marine-meteorological and Oceanographic Climatological Summaries (TT-MOCS).

The Task Team shall work during the period 2011 to 2020 on the following tasks:

1. Continue the work of the two TT-DMVOS and TT-MOCS Task Teams according to their Terms of Reference to realize the modernization of the Marine Climatological Summaries Scheme (MCSS);
2. Propose a Vision for 2020 for the future Marine Climate Data System (MCDS) to ultimately replace the existing MCSS;
3. Propose a Strategy for the realisation of the Vision, to be submitted to JCOMM-IV. The strategy should propose a step by step approach starting with:
 - a. A modernized delayed mode VOS data flow (DMVOS);
 - b. Contribution of the Responsible National Oceanographic Data Centre (RNODC) for Drifting Buoys and the Specialised Oceanographic Centre (SOC) for Drifting Buoys to the MCDS;
 - c. Integration of the Ocean Data Acquisition System (ODAS) Metadata Service (ODASMS) into the MCDS;
 - d. Establishing a network of mirrored WMO-IOC Climate Marine Meteorological and Oceanographic Data Centres (CMOCs);and proposing longer-term scenarios for integrating other and new sources of data (e.g. Argo, satellite);
4. Propose an Implementation Plan for the realisation of the Strategy;
5. Guide and follow the development of the MCDS according to the Implementation Plan, and adjust the Implementation Plan as needed;
6. Report regularly to the ETMC.

Membership:

- Nicola SCOTT (Co-Chairperson, and GCC UK)
- Gudrun ROSENHAGEN (Co-Chairperson, and GCC Germany)
- Julie FLETCHER (SOT/VOS)
- Shawn SMITH (SOT/SOOP)
- Henry KLETA (SOT/ASAP)
- Graeme BALL (SOT)
- Eric FREEMAN (RM and VOSclim DAC)
- Elizabeth C. KENT (RM)
- Frits B. KOEK (RM)
- Wing-Tak WONG (RM)
- Svetlana SOMOVA (RM)
- Scott WOODRUFF (RM)
- Mizuho HOSHIMOTO (RM)
- Heike HAAR (GCC Germany)
- Bruce SUMNER (Associated Member, HMEI)
- Joel HOFFMAN (SOC/DB)
- Bruce BRADSHAW (RNODC/DB)
- Shaohua LIN (ODASMS)
- Loic Petit de la VILLEON (GOSUD)
- Charles SUN (GTSPP)
- Bill BURNETT (OceanSITES)
- Norio BABA (RNODC)
- Colin PARRETT (VOSclim RTMC)

