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| WWMIWS Committee Meeting 1 | WWMIWS-1 |
| Monaco, 27-31 August 2018 | Agenda 4.3 |

## GDPFS Manual – marine related centres

**Problem 1**:

The network of RSMC’s for Marine Safety Services has been established at JCOMM-5, consisting of all members of the WWMIWS Committee. The activities of these RSMC’s was defined for the GDPFS Manual (WMO No. 485), however, there remains sections about mandatory products and verification scores to complete.

Discussion: Compile the list of mandatory products, and consider any appropriate verification scores to include in the GDPFS Manual.

**Problem 2**:

The verification scores for wave models were defined a long time ago. There is an opportunity to add some further contemporary verification scores to assist with NMHS utilizing and understanding the wave model outputs available from the RSMC network of wave models.

Discussion: Review the current list of verification scores outlined in section 2.2.37 of the GDPFS Manual, and propose amendments as necessary.

**Problem 3**:

Some centres outside of the WWMIWS provide marine service products for regional areas (Fiji for South Pacific, Caribbean Institute of Meteorology is considering setting up a forecasting centre to produce products for the Caribbean).

Discussion: Consider defining RSMC criteria for marine centres providing regional marine service products.

**Problem 4**:

There are a number of known initiatives that provide high-resolution wave model guidance for specific regional areas. We should consider recognizing these centres as a RSMC network to improve visibility for NMHS, and set standards. Example: Senegal run a regional wave model for Western Africa. Caribbean Institute of Meteorology run a 4km wave model for the next 7 days for the Caribbean region.

Discussion: Consider defining RSMC criteria for wave model centres providing regional wave model guidance.

**Problem 5**:

Under section 2.2.2.6 on Tropical Cyclone Warning RSMC’s, the description of the marine service requirements is out of date and not adequate. The TC RSMC/TCWC network provide products to Issuing Services for dissemination on SafetyNET and these products should comply with the requirements listed in WMO No.558 and IMO documentation.

Discussion: To control the requirements of a Preparation Service (generally for TC warnings), the WWMIWS Committee should ensure that the marine service description provides adequate guidance and reference to WMO No.558. We may also need to consider a new category in the GDPFS Manual for Preparation Services, or make it clearer in the TC warnings chapter.

Discussion: Develop plans to introduce a new chapter in WMO No. 558 dedicated to map and tabular/graph products.

Identify any sections in 558 and 471 that need to be updated for the 2019 version.