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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  THIRD MEETING OF  INTER-PROGRAMME EXPERT TEAM ON DATA REPRESENTATION MAINTENANCE AND MONITORING  BEIJING, CHINA, 20 - 24 JULY 2015 |  | IPET-DRMM-III / Doc. 11.4  (15. 7. 2015)  -------------------------  ITEM 11.4  ENGLISH ONLY |

Migration to TDCF

**Membership of CBS-MG task team on resolving the TDCF radiosonde issue**

*Submitted by Secretariat*

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**Summary and Purpose of Document**

At its informal meeting on 2 June 2015, the CBS Management Group decided that a task-specific team was needed to focus on resolving the problems with reporting upper air information in BUFR in a form that can be used by the NWP centres. This document informs IPET-DRMM of the proposed terms of reference and seeks nomination of a chair and membership of the team.

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**ACTION PROPOSED**

Nominate a chair and membership for the task team.

**DISCUSSIONS**

At its meeting on 2 June 2015, CBS Management Group decided that a task-specific team was needed to assist IPET-DRMM resolve the problem of representing upper air information in BUFR in a way that met the needs of the NWP community.

Subsequently, the members of the CBS management group have proposed the following terms of reference for the team:

1) Assist IPET-DRMM to identify and implement a solution for handling upper air reports that assures the continuing availability of reports from observing sites, and the ability of NWP centres to process the reports, so that the introduction of TDCF upper air reports does not degrade the NW forecasts, and in particular:

a) to summarize general issues related to BUFR and requests on how to promote TDCF migration from the viewpoint of NWP centres and report them to IPET-DRMM;

b) to advise IPET-DRMM on a method by which NWP centres report every issue they find in BUFR messages;

c) to advise to IPET-DRMM on the role of NWP centres in the process for checking the quality of BUFR messages.

2) Assess the additional costs to user centres of maintaining their systems to process upper air observations continuing to be being sent in TAC, and assess the costs of accelerating migration of observing systems to produce information in correctly formatted BUFR.

3) Summarize the benefits of using TDCF in preference to TAC from the perspective of NWP centres.

**PROPOSAL**

IPET-DRMM decided that:

1) ???? will act as the team leader

2) It would invite ECMWF, UK Met Office, JMA and NOAA/NWS to provide an NWP expert for the team

3) ???? and ???? from IPET-DRMM would participate directly in the work of the team

4) Mr Kats and ???? would contribute on issues associated with the operation of radiosonde systems

5) the team would provide by 1 September a plan for resolving the issue of reporting upper air information in BUFR.