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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. 1.2 (2)  (10. 6. 2015)  -------------------------  ITEM 1.2  ENGLISH ONLY |

**EXPLANATORY MEMORANDUM TO THE PROVISIONAL AGENDA**

**1 ORGANIZATION OF THE MEETING**

1.1 Opening of the meeting

The third meeting of the Inter-Programme Expert Team on Data Representation Maintenance and Monitoring (IPET-DRMM) will take place in Beijing, China from 20 to 24 July 2015. The meeting will open at 9:00 AM.

1.2 Approval of the agenda

The meeting will be invited to consider the provisional agenda with a view to its adoption.

1.3 Working arrangement

The meeting will agree on details of proceeding at the meeting, including possible teleconference. The documentation will be available in English only, and the meeting will be held in English. The meeting will note implementation dates and procedures to be taken for proposals.

**2 GRIB**

2.1 Amendments to GRIB regulations

The meeting will discuss proposed amendments, including possible clarifications, to the regulations and specifications of octet contents of GRIB, which are common in GRIB data representation.

2.2 Additions to and modifications of templates and tables

The meeting will be informed of plans for global or local exchange of new data and products in GRIB edition 2, and discuss new templates and tables along with new entries in the existing tables, which are required for the data and products. The meeting may also discuss amendments based on future needs.

2.3 GRIB new edition

The meeting will discuss the new edition of GRIB with a view to formulating an outline plan.

**3 BUFR AND CREX**

3.1 Amendments to BUFR/CREX regulations

The meeting will discuss proposed amendments, including possible clarifications, to the regulations and specifications of octet contents of BUFR or CREX, which are common in BUFR/CREX data representation. The amendments to BUFR or CREX Table C, which would have impacts to BUFR/CREX software, should also be discussed under this item.

3.2 Additions to and modifications of tables

The meeting will be informed of plans for global or local exchange of new data and products in BUFR/CREX, and discuss new templates and tables along with new entries in the existing tables, which are required for the data and products. The meeting may also discuss amendments based on future needs.

3.3 BUFR and CREX new editions

The meeting will discuss the new editions of BUFR and CREX with a view to formulating an outline plan.

**4 SUMMARY AND CONCLUSION OF PROPOSALS**

4.1 Summary on amendments after IPET-DRMM-II

The meeting will be informed of the brief summary on implementation of amendments after the second meeting of IPET-DRMM.

4.2 Conclusion on past proposals (in lieu of PFC)

The meeting will review validation status of the past proposals and conclude the discussions on proposals made during the intersessional period of IPET-DRMM in lieu of the Period for Conclusion (PFC). If a proposal is superseded by a new document of this meeting, the discussion should be made in the corresponding agenda item.

**5 REGULATIONS FOR REPORTING TRADITIONAL OBSERVATION DATA IN TABLE-DRIVEN CODE FORMS (TDCF): BUFR OR CREX**

5.1 Amendments to B/C regulations

The meeting will discuss amendments to the B/C regulations.

**6 TRADITIONAL ALPHANUMERIC CODES**

6.1 Amendment 77 to ICAO Annex 3

The meeting will be informed of the drafting status of the Amendment 77 to ICAO Annex 3. The ICAO representative may express changes to the composition of Annex 3 along with introduction of the new two-year cycle of amendments to the ICAO Annexes.

**7 MIGRATION TO TABLE DRIVEN CODE FORMS (TDCF)**

7.1 Status of migration by WWW Monitoring Exercise

7.2 Reports by members on status of migration

The meeting will be informed of the status of Migration to TDCF. Regional Rapporteurs or coordinators should submit a report on the status of migration in their region and other participants may submit their initiatives on the migration in their countries or regions.

7.3 Follow-up of migration to TDCF, including issue of partitioned TEMP BUFR messages

The meeting is invited, in particular, to review the report of the team sent to PRs on migration success and remaining issues and to follow up the initiative to further improve the migration status, taking account of the CBS request:

....The Commission asked OPAG-ISS to review progress with migration every six months and to consider whether a further of extension of six months was required to resolve issues with the consistency and quality of data. (2.3.15 of abridged final report, CBS Ext. (2014))

The meeting will discuss solutions interim, short term, midterm/long-term with respect to the issue of partitioned upper-air messages in BUFR.

**8 MANUAL ON CODES**

8.1 New procedures for amending the Manuals on Codes and the GTS

The meeting will be informed of the new procedures for amending the Manuals on Codes and the GTS, which have been approved by Cg-XVII and effective as from 1 July 2015. The new procedures are generalized on the previous procedures for amending the Manual on Codes. The meeting will be invited to figure out the procedures with a view to filling the gap between new and previous ones.

8.2 Separation of GRIB edition 1 from the Manual on Codes

GRIB edition 1 (FM 92-XI Ext. GRIB) remains in the Manual on Codes in accordance with the agreement at the CBS Ext. (06):

6.2.64

... The Commission agreed to the request of ICAO to extend the use of GRIB 1 for the user of aviation products up to November 2010, because necessary equipment and software for GRIB 2 will not be available in all countries by November 2008....

The meeting will be invited to review the current requirements on GRIB edition 1 with a view to deciding whether the edition 1 could be separated from the Manual on Codes, Volume I.2 (WMO No. 306) and made available from the WMO web the same as BUFR edition 3 and CREX edition 1.

8.3 B/C regulations in multiple languages

The B/C regulations are available only in English from the WMO web. The meeting will be invited to consider the propriety of those being available in four languages, i.e. English, French, Russian and Spanish.

**9 WMO STANDARD DATA DESIGNATORS**

9.1 Amendments to the Manual on the GTS on abbreviated headings

**10 TASK TEAMS IN IPET-DRMM**

10.1 Overview and work plan of task teams in IPET-DRMM

The meeting will be informed of the summary on activities by the Task Teams in the IPET-DRMM; TT-GRIB, TT-BUFR and TT-AvCI. The meeting will discuss possible amendments, if any, to the tasks of TTs along with the road map to the next generation of TDCF.

**11 COLLABORATION WITH OTHER ORGANIZATIONS AND TECHNICAL BODIES**

11.1 TT-DSM and the future involvement in the WIGOS Monitoring

The meeting will be informed of the recent outcome on WIGOS Monitoring framework and initiative to improve quality of BUFR messages. In this relation, the meeting is invited to discuss the involvement of TT-DSM in the framework and initiative.

**12 CLOSURE OF THE MEETING**