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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  THIRD MEETING OF  INTER-PROGRAMME EXPERT TEAM ON CODES MAINTENANCE  MARRAKECH, MOROCCO, 15 - 19 APRIL 2019 |  | IPET-CM-III / Doc. 8.4  02.04.2018  -------------------------  ITEM 8.4  ENGLISH ONLY |

ADMINISTRATIVE ISSUES

Use of GitHub as collaboration tool for IPET-CM

*Submitted by Secretariat*

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**Summary and Purpose of Document**

GitHub was adopted as collaborative by IPET-DD and its task teams. The tool provides version control, an issues tracking system, wiki and discussions facilities. It is proposed to the team as tool to maintain TDCF tables, discuss new proposals and produce releases.

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**ACTION PROPOSED**

IPET-CM to familiarize with GitHub and adopt it for TDCF maintenance.

**DISCUSSIONS**

The Secretariat has made available a GitHub space for Information Management <https://github.com/wmo-im> . GitHub is platform for collaborative work providing features of version control that can be used in the maintenance of GRIB and BUFR code tables. It also provides an issues tracking system that can be used to manage requests of changes and additions to the tables. The system provides also a wiki and team management features that can be used to maintain documentation and reports of teleconferences and meetings.

In the WMO Information Management space there are already three teams actively working on their tasks: TT-AvXML, TT-WMD, TT-WISMD (as merge of TT-MDG and TT-MDS). The platform is very convenient and the main features will be presented by the Secretariat at the meeting.

There is a number of guides to familiarise with the platform <https://guides.github.com/> and the team members are invited to have a look at the repositories in <https://github.com/wmo-im> and in particular the GRIB2 repository at <https://github.com/wmo-im/GRIB2> .

The plan is to have all the previous versions of GRIB and BUFR tables in the repository and to have all the members of the team registered in GitHub to work in a collaborative way.