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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  FIRST MEETING OF  INTER-PROGRAMME EXPERT TEAM ON CODES MAINTENANCE  GENEVA, SWITZERLAND, 24 - 28 JULY 2017 |  | IPET-CM-I / Doc. 2.5 (6) rev 1  (24. 7. 2017)  -------------------------  ITEM 2.5  ENGLISH ONLY |

Common Code tables to binary and alphanumeric codes

**New Common Code Table entries in C-5 and C-8 for FY-4A**

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**Summary and Purpose of Document**

This document proposes new entries in Common Code Table C-5 and C-8 to identify FY-4A satellite and its instruments. In addition, it also propose new code table entry to 0 02 020 to identify FY-4.

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**ACTION PROPOSED**

The team is invited to validate the proposed entries to be included in FT2017-2.

**DISCUSSIONS**

FY-4 is a new geostationary meteorological satellite series of China planned to cover the duration of 2016~2020. The first satellite FY-4A of the series was launched on 11 Dec 2016. It is experimental and will be followed by the operational satellites. Four new instruments are on board. They are the Advanced Geosynchronous Radiation Imager (AGRI), the Geosynchronous Interferometric Infrared Sounder (GIIRS), the Lightning Mapping Imager (LMI) and the Space Environment Package (SEP). The Atmospheric Motion Vector product of FY-4A will be disseminated in BUFR at this stage.

New entries in Common Code Table C-5 and C-8 are needed to identify FY-4A and the instruments loaded.

In addition, an entry to code table 0 02 020 is also needed to identify FY-4.

**PROPOSAL**

**Add new entry to Common Code Table C-5:**

530 FY-4A

**Add new entries to Common Code Table C-8:**

Code Agency Type Instrument short name Instrument long name

961 CMA Imaging multi-spectral AGRI Advanced Geosynchronous Radiation Imager

radiometer

962 CMA Atmospheric temperature GIIRS Geosynchronous Interferometric Infrared Sounder

and humidity sounder

963 CMA High-resolution optical LMI Lightning Mapping Imager

imager

964 CMA Space environment SEP Space Environment Package

**Add new code table entry to 0 02 020:**

**0 02 020**

**Satellite classification**

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| Code Figure |  |
| 383 | FY-4 |