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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. 3.2 (9)  (15. 7. 2015)  -------------------------  ITEM 3.2  ENGLISH ONLY |

BUFR and CREX

**New BUFR code table entry for one-hour and n-minute data from AWS stations**

*Submitted by Ying Wang, Guaiguai Liu (China)*

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**Summary and Purpose of Document**

This document proposes a new code table entry for BUFR descriptor 0-08-010

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**ACTION PROPOSED**

The meeting is requested to review the proposal and approve the contents for pre-operational use as part of fast track cycle FT2015-2.

**DISCUSSION**

CMA is planning to migrate from national code forms to WMO BUFR for AWS observations. The national BUFR templates for AWS observations from one-hour period and n-minute period are developed.

For some regional AWS are settled on the flat roof of the building, so new code figure is needed in the code table for descriptor 0-08-010 to identify such kind of situation.

**PROPOSAL**

1. ***New entry in code table for BUFR descriptor 0-08-010 (Surface qualifier(for temperature data))***

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| Code figure | Meaning |
| 12 | flat roof of the building |