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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  FOURTH MEETING OF  INTER-PROGRAMME EXPERT TEAM ON DATA REPRESENTATION MAINTENANCE AND MONITORING  GENEVA, SWITZERLAND, 30 MAY - 3 JUNE 2016 |  | IPET-DRMM-IV / Doc. 3.2 (12b)  (31. 5. 2016)  -------------------------  ITEM 3.2  ENGLISH ONLY |

3. BUFR AND CREX

**Proposals for reporting radiosounding metadata: follow-up discussion**

*Submitted by Alexander Kats (Russia)*

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**Summary and Purpose of Document**

This document contains a discussion about follow-up actions and work required for reporting metadata associated with upper-air radiosounding, in particular, from GRUAN sites

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**ACTION PROPOSED**

The meeting is invited to advice how to proceed further with issues under consideration.

**DISCUSSION**

1. Do we need to formalize in some way regulations how to populate in future 0 02 011 radiosonde type and 0 02 066 Radiosonde ground receiving system?
2. Can we make a suggestion how to manage with clarifications of existing descriptors and Code tables and recommendation on reporting them (“best practice” guidance) or further liaison with CIMO, HMEI, CBS-TT-UAB, GRUAN is required?
3. Can IPET-DRMM agree with considering introducing new descriptor to signify sounding performed and processed according to GRUAN procedure and prepare respective proposal:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TABLE |  |  |  |  | DATA |
| REFERENCE | ELEMENT NAME | UNIT | SCALE | REFERENCE | WIDTH |
| F X Y |  |  |  | VALUE | (Bits) |
| 0 03 xxx | Sounding procedure | Code table | 0 | 0 | 4 |

**0 03 xxx**

***Sounding procedure***

Code figure

1. As specified by manufacturer
2. As specified by GRUAN

3-14 Reserved

1. Missing value

or “dead” descriptor 0 02 012 Radiosonde computational method may hold this information?