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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 (3)  (13. 5. 2016)  -------------------------  ITEM 3.2  ENGLISH ONLY |

BUFR and CREX

**New entries in Common Tables C-5 and C-8**

*Submitted by Enrico Fucile, Simon Elliott*

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**Summary and Purpose of Document**

New entries in Common Tables C-5 and C-8 are proposed for new satellites and instruments.

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**ACTION PROPOSED**

The team is requested to review the proposed codes and to validate them for inclusion in the next fast track.

**DISCUSSIONS**

New entries in Common Code table C-5 for

* Sentinel 5P (<http://www.wmo-sat.info/oscar/satellites/view/402>),
* Sentinel 1 (<https://www.wmo-sat.info/oscar/satelliteprogrammes/view/145>)
* SCISAT-1 (<http://www.wmo-sat.info/oscar/satellites/view/393>)
* ODIN (<http://www.wmo-sat.info/oscar/satellites/view/34>)

are proposed.

New entries in Common Code table C-8 for the following instruments:

* Tropospheric Monitoring Instrument (<http://www.wmo-sat.info/oscar/instruments/view/586>)

Agency: ESA

Type: Cross-nadir scanning SW sounder (from OSCAR)

Instrument short name: TROPOMI

* Atmospheric Chemistry Expariment - Fourier Transofrm Spectometer (http://www.wmo-sat.info/oscar/instruments/view/6 )

Agency: CSA

Type: Limb-scanning sounder

Instrument short name: ACE-FTS

* Sub-millimetre radiometer (http://www.wmo-sat.info/oscar/instruments/view/524 )

Agency: SNSB

Type: Limb-scanning sounder

Instrument short name: SMR

The proposal has been submitted to CGMS for validation and the codes confirmed.

**PROPOSAL**

The following new entries are proposed:

**COMMON CODE TABLE C-5: Satellite identifier**

|  |  |
| --- | --- |
| **Code** | **Name** |
| 62 | Sentinel1A |
| 63 | Sentinel 1B |
| 64 | Sentinel 5P |
| 812 | SCISAT-1 |
| 813 | ODIN |

**COMMON CODE TABLE C-8: Satellite instruments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Agency** | **Type** | **Short name** | **Long name** |
| 151 | ESA | Imaging radar | SAR-C | Synthetic Aperture Radar (C-band) |
| 152 | ESA | Cross-nadir scanning | SW | Sounder TROPOMI Tropospheric Monitoring Instrument |
| 92 | CSA | Limb-scanning sounder | ACE-FTS | Atmospheric Chemistry Experiment - Fourier Transform Spectrometer |
| 959 | SNSB | Limb-scanning sounder | SMR | Sub-millimetre radiometer |