|  |  |  |
| --- | --- | --- |
| WORLD METEOROLOGICAL ORGANIZATIONCOMMISSION FOR BASIC SYSTEMS-----------------------------FOURTH MEETING OF INTER-PROGRAMME EXPERT TEAM ONDATA REPRESENTATION MAINTENANCE AND MONITORINGGENEVA, SWITZERLAND, 30 MAY - 3 JUNE 2016 |  | IPET-DRMM-IV / Doc. 9.1 (1)(12. IV. 2016)-------------------------ITEM 9.1ENGLISH ONLY |

 Amendments to the Manual on the GTS on abbreviated headings

**Data designators for aviation information in XML**

*Submitted by* *Secretariat*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Summary and Purpose of Document**

The Manual on GTS specifies data designators for use in Abbreviated Headers to facilitate routeing of messages on the GTS and ICAO’s AMHS distribution system. Amendment 78 to WMO-No. 49 Vol. 2 requires additional types of information to be distributed in XML form; new data designators are required to achieve this. This document proposes values for these new data designators.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ACTION PROPOSED**

1. Recommend the change to WMO-No. 386 Manual on GTS that is specified in the Annex.

2. Recommend whether the change should use the “in session” procedure or the “simple (fast track)” procedure that is expected to be permitted for that manual following EC-68.

**ANNEXES:**

 1. Proposed data designators for aviation information

**DISCUSSIONS**

Amendment 78 to WMO-No. 49 Technical Regulations Volume II Meteorological Service for International Air Navigation will introduce a requirement to exchange additional information in XML in support of international civil aviation.

Eight types of aviation report currently have data designators specified in Att. II‑5 of WMO‑No. 386 Manual on GTS. The data designator is of the form T1T2. T1 = L corresponds to aviation information in XML. Values for T2 that are currently allocated are: A, C, P, S, T, V, Y. these were chosen so that in most cases the T2 associated with information represented in XML was the same as that for information represented in traditional alphanumeric representations. This was not always possible as different types of alphanumeric messages were associated with different values of T1.

Amendment 78 allows for the representation of information in XML of the equivalent of AIRMET, Volcanic Ash Advisory and Tropical Cyclone Advisory messages. IPET-MDRD (TT-AvXML) is developing the XML representations for these types of information and will propose standards to CBS-16.

**PROPOSAL**

1. Data designators for XML representations of AIRMET, Volcanic Ash Advisory and Tropical Cyclone Advisory shall have T1 = L and have the value of T2 specified in the Annex.

2. In order to ensure consistency with the definition of the XML representations, the change to the Manual on GTS to implement this should be proposed to CBS-16 through the “in session” procedure.

**Annex: Proposed data designators for aviation information**

Amend table B7 of WMO-No. 386 Manual on the Global Telecommunication System as shown in the Table. Added text is shown in green dashed underline font.

|  |  |  |  |
| --- | --- | --- | --- |
| *Designator* | *Data Type* | *GTS Priority* | *Code Form Name* |
| A | Aviation routine reports (“METAR”) | 2 |  |
| C | Aerodrome Forecast (“TAF”) (VT<12 hours) | 3 |  |
| K | Tropical cyclone advisories | 3 |  |
| P | Special aviation weather reports (“SPECI”) | 2 |  |
| S | Aviation general warning (“SIGMET”) | 1 |  |
| T | Aviation aerodrome forecast (“TAF”) (VT <= 12hours) | 3 |  |
| U | Volcanic ash advisory | 3 |  |
| V | Aviation volcanic ash warning (”SIGMET”) | 1 |  |
| W | AIRMET | 1 |  |
| Y | Aviation tropical cyclone warning (“SIGMET”) | 1 |  |