



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

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Communication of SIGMET Information

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A3 STD 1.1.6 As of 5 November 2020, SIGMET information shall be disseminated in IWXXM GML form in addition to the dissemination of SIGMET information in TAC format

***Note.**— The technical specifications for IWXXM are contained in the Manual on Codes (WMO-No. 306), Volume I.3, Part D — Representation Derived from Data Models. Guidance on the implementation of IWXXM is provided in the Manual on the Digital Exchange of Aeronautical Meteorological Information (Doc 10003).*

***A3 1.1.7 Recommendation.**— SIGMET, when issued in graphical format, should be as specified in Appendix 1, including the use of applicable symbols and/or abbreviations.*

- **A3 STD 1.2.1** SIGMET messages shall be disseminated to **Meteorological watch offices, WAFCs** and to **other meteorological offices in accordance with regional air navigation agreement**. SIGMET messages for volcanic ash shall also be disseminated to **volcanic ash advisory centres**.
- **A3 STD 1.2.2** SIGMET messages shall be disseminated to international OPMET databanks and the centres designated by regional air navigation agreement for the operation of aeronautical fixed service Internet-based services, in accordance with regional air navigation agreement.

Note : For AFI Region, refer to the DOC 8896, the AFI eANP Vol I and II and the AMBEX Handbook for more details on the responsibilities for issuance and dissemination of SIGMET Information.



Thank You!

The WMO, in WMO-No.386 - *Manual on the Global Telecommunication System*, defines the following data type designators :

| Designation | Data type designator in TAC format | Data type designator in IWXXM format |
|---|------------------------------------|--------------------------------------|
| Aviation Routine Reports (METAR) | SA | LA |
| Aerodrome Forecast (TAF) (VT < 12 hours) | FC | LC |
| Tropical Cyclone Advisory | FK | LK |
| Space Weather Advisory | FN | LN |
| Special Aviation Weather Reports (SPECI) | SP | LP |
| Aviation General Warning (WS SIGMET) | WS | LS |
| Aerodrome Forecast (TAF) (VT >= 12 hours) | FT | LT |
| Volcanic Ash Advisory | FV | LU |
| Aviation Volcanic Ash Warning (WV SIGMET) | WV | LV |
| AIRMET | WA | LW |
| Aviation Tropical Advisory | | LK |
| Cyclone Warning (WC SIGMET) | TC | LY |