



International Civil Aviation Organization

EIGHTH MEETING OF THE ASIA/PACIFIC OPMET MANAGEMENT TASK FORCE (OPMET/M TF/8)

Bangkok, Thailand, 23 – 25 March 2010

Agenda Item 2b: Review: Current status of OPMET exchange in the Region

DATA VERIFICATION IN THE SINGAPORE IROG

(Prepared by the Singapore)

SUMMARY

This paper informs the meeting the data errors found in SIGMET and TAF messages received between 1 Jan and 28 Feb 2010.

1. Introduction

1.1 Singapore IROG facilitates OPMET data exchange within Asia Pacific region and between Asia Pacific and Europe.

1.2 The Message Switch and Data Management System are configured to validate messages based on pre-defined rules. Messages that fail are routed to the correction queue for operator's action. It should be noted that operators are not authorised to modify actual meteorological elements, e.g. wind, visibility etc., but only data fields such as bulletin headers and location indicators.

2. Analysis of data

2.1 The following messages are rejected during system validation:

SIGMET Errors	<p>1. Mistyped validity period</p> <p>WSBW20 VGZR 011100 VGFR SIGMET 04 VALID 011200/101600 VGZR-</p> <p>WSID20 WIII 120355 (received at 120356Z) WIIZ SIGMET 02 VALID 130500/130900</p> <p>WSFJ01 NFFN 261800 NFFF SIGMET 04 VALID 262055/260255</p>
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	<p>2. Incorrect format</p> <p>WSMS31 WMKK 160717 WBFC AD WRNG 3 VALID 160720/160920 AD WRNG (AD warning using SIGMET AHL)</p> <p>WSIN90 VECC 211900 VECF SIGMET NO 07 VALID 211900/212300 UTC VECC VECF-KOLKATA FIR NIL SIGMET=</p> <p>WSBM31 VYYY 132354 VYYY AD WRNG 01 VALID 132350/140200 FOG OBS VYYY INT; AIRPORT AND NEIGHBOURING AREAS FOG OBS AT 2330Z AND FCST SURFACE VISIBILITY 0500M OR LESS OVER VYYY INT; AIRPORT AND NEIGHBOURING AREAS DURING THE PERIOD 132350 UTC TO 140200UTC=</p>
TAF errors	<p>1. Incorrect filing time</p> <p>FTNZ31 NZKL 210503 TAF NZAA 210503Z 2106/2206 23010KT 9999 FEW030 BECMG 2111/2113 VRB02KT BECMG 2122/2124 23012KT=</p> <p>FTNZ31 NZKL 211108 TAF NZAA 211108Z 2112/2212 VRB02KT 9999 FEW030 BECMG 2122/2124 23010KT BECMG 2210/2212 VRB02KT=</p> <p>2. Incorrect format</p> <p>FTSB31 VCBI 212100Z (incorrect YYGGgg) TAF VCBI 212140Z 2200/2224 08005KT 9999 FEW018 TX32/2208Z TN24/2223Z TEMPO 2200/2202 7000 BECMG 2204/2206 28008KT BECMG 2214/2216 04005KT=</p> <p>FTID31 WIII 220400 MF.1019 TAF WIII 220400Z 2206/2312 35010KT 9999 SCT020 TEMPO 2208/2211 28005KT 7000 TS FEW020CB TEMPO 2215/2218 24005KT 5000 -TSRA BECMG 2220/2222 00000KT SCT020 BECMG 2300/2302 20005KT 4000 HZ=</p> <p>FCIN32 VABB 211800 PAA RRA TAF VAAH 211800Z 2121/2206 35004KT 4000 HZ/FU FEW020 BKN080 BECMG 2201/2203 VRB03KT 2000 HZ FEW015 BKN080 BECMG 2204/2206 32006KT FEW020 SCT080 TEMPO 2118/2206 3000 TSRA/RA SCT020 FEW030CB BKN080=</p>

	<p>.....</p> <p>FTID31 WAAA 170356 (incorrectly placed 'AMD' string) AMD TAF WAAA 170300Z 1706/1806 31010KT 9000 SCT019 SCT090 TEMPO 1706/1712 4000 RA FEW018CB BECMG 1712/1714 12004KT 7000 TEMPO 1716/1720 5000 -RA FEW018CB BECMG 1723/1801 32010KT 9000=</p> <p>3. TAF message without AHL</p> <p>GG WSSSYMYX 170116 WIIHYMYX MF.778 VOLMET BCST TAF WIII 170130Z 1703/1712 16005KT 8000 FEW022 BECMG 1706/1708 35010KT 9999 SCT020=</p> <p>GG WSSSYMYX 200102 WIHHYMYX VOLMET BCST TAF WIHH 2003/2012 34006KT 6000 HZ SCT020 BECMG 2003/2005 02008KT 7000 HZ FEW017CB SCT020 TEMPO 2006/2008 21006KT 6000 TS FEW017CB BKN018 TEMPO 2009/2012 3008KT 4000 TSRA FEW017CB BKN018=</p>
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3. Action by the Meeting

3.1 The Meeting is invited to address the non-compliance and determine and implement actions needed.
