International Civil Aviation Organization

THIRTEENTH MEETING OF THE ASIA/PACIFIC REGIONAL OPMET BULLETIN EXCHANGE WORKING GROUP (ROBEX WG/13) and FIFTH MEETING OF METEOROLOGICAL HAZARDS TASK FORCE (MET/H TF/5)

Seoul, Republic of Korea, 18 March 2015

Agenda Item (conjoint session) 2:　　　**SIGMET and advisory information**

SIGMET TEST ERRORS

(Presented by the Secretariat)

SUMMARY

This paper presents a summary of SIGMET test errors recorded in the 2014 and 2013 Asia/Pacific SIGMET tests for promulgation to States to facilitate resolution of deficiencies in SIGMET issuance.

1.　　INTRODUCTION

1.1　　　　Annual SIGMET tests are conducted in the Asia/Pacific to test of the issuance and reception of SIGMET messages for tropical cyclone, volcanic ash and phenomena other than tropical cyclone and volcanic ash.

1.2　　　　A summary of SIGMET test errors gleaned from the SIGMET test reports prepared by the focal points (RODB Singapore and RODB Tokyo) is presented for review by the meeting before the intended dissemination to States concerned.

2.　　DISCUSSION

2.1　　　　Details of the 2014 annual SIGMET tests are provided in the reports presented by Singapore and Japan in WP/C2 and WP/C3 for discussion under this agenda item. Details of 2013 annual SIGMET test reports presented by Singapore and Japan are contained in the Report to the conjoint session of ROBEX WG/12 and MET/H TF/4.

2.2　　　　The **Attachment** to this paper contains a table summarizing the format errors in the SIGMET test messages issued by participating States, as identified in the SIGMET test reports referred to above (for both 2014 and 2013).

2.3　　　　The information in the **Attachment** is prepared and presented in such a manner to facilitate States in the resolution of deficiencies in the issuance of SIGMET. In accordance with the work programme of the ROBEX WG and MET/H TF, the SIGMET test results should be promulgated to States concerned by way of State letter.

3.   ACTION BY THE MEETING

3.1   The meeting is invited to:

a) Review the information in the Attachment; and

b) Discuss any relevant issues as necessary.

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Table 1: SIGMET TEST FORMAT ERRORS 2014

State	MWO	SIGMET test	Error	Remedy
Australia	BRISBANE (REGIONAL FORECASTING CENTRE)	WC	Incorrect priority DD	Correct priority is FF
Australia	DARWIN (REGIONAL FORECASTING CENTRE)	WC	Incorrect location indicator CCCC	Correct location indicator CCCC should be ADRM
Australia	PERTH (REGIONAL FORECASTING CENTRE)	WC	Incorrect priority DD	Correct priority is FF
Bangladesh	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	WC	Incorrect priority GG	Correct priority is FF
Bangladesh	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	WV	Incorrect priority GG	Correct priority is FF
China	CHENGDU/Shuangliu	WC	Incorrect WMO AHL WSKP31	Correct WMO AHL is WCKP31
China	HAIKOU/Meilan	WC	Incorrect priority GG	Correct priority is FF
China	HAIKOU/Meilan	WV	Incorrect priority GG	Correct priority is FF
China	SHANGHAI/Hongqiao	WC	Incorrect priority GG	Correct priority is FF
China	SHANGHAI/Hongqiao	WS	Incorrect priority GG	Correct priority is FF
China	SHANGHAI/Hongqiao	WV	Incorrect priority GG	Correct priority is FF
China	TAIBEI/Taibei Intl	WC	Incorrect priority GG	Correct priority is FF
China	URUMQI/Diwopu	WV	Incorrect priority GG	Correct priority is FF
DPR Korea	SUNAN	WC	Incorrect priority GG	Correct priority is FF
Fiji	NADI	WC	Incorrect valid time 050000	Correct valid time is 050200
Fiji	NADI	WV	Incorrect valid time 120000	Correct valid time is 120200
Lao PDR	VIENTIANE/Wattay	WC	Incorrect priority DD	Correct priority is FF
Lao PDR	VIENTIANE/Wattay	WC	Missing location indicator CCCC	Location indicator CCCC should be VLVT
Lao PDR	VIENTIANE/Wattay	WS	Incorrect issued time 191106	Correct issue time is 190200
Lao PDR	VIENTIANE/Wattay	WS	Incorrect priority DD	Correct priority is FF
Lao PDR	VIENTIANE/Wattay	WS	Location Indicator is missing	Correct location indicator is VLVT
Lao PDR	VIENTIANE/Wattay	WS	Incorrect valid time 120200	Correct valid time is 190200
Lao PDR	VIENTIANE/Wattay	WV	Incorrect priority DD	Correct priority is FF
Malaysia	SEPANG/KL International	WC	Incorrect WMO AHL WSMS31	Correct WMO AHL is WCMS31

State	MWO	SIGMET test	Error	Remedy
	Airport			
Malaysia	SEPANG/KL International Airport	WC	Incorrect location indicator WBKK	Correct location indicator is WMKK
Maldives	MALE/Int	WC	Incorrect priority DD	Correct priority is FF
Maldives	MALE/Int	WS	Incorrect priority DD	Correct priority is FF
Maldives	MALE/Int	WS	Incorrect WMO AHL WCMV31	Correct WMO AHL is WSMV31
Nauru	PORT MORESBY on behalf of NAURU	WC	Incorrect WMO AHL WSNG21	Correct WMO AHL is WCNW20
Nauru	PORT MORESBY on behalf of NAURU	WS	Issued time too late 190256	Correct issue time is 190200
Nauru	PORT MORESBY on behalf of NAURU	WS	Incorrect WMO AHL WSNG21	Correct WMO AHL is WSNW20
Nauru	PORT MORESBY on behalf of NAURU	WS	Missing sequence No.	Correct sequence No. is Z99
Nauru	PORT MORESBY on behalf of NAURU	WS	Incorrect end of message indicator	Correct end of message indicator is =
New Zealand	WELLINGTON (AVIATION WEATHER CENTRE)	WV	Incorrect WMO AHL WSNZ21	Correct WMO AHL is WVNZ21
Pakistan	KARACHI/Jinnah Intl	WC	Incorrect priority GG	Correct priority is FF
Pakistan	KARACHI/Jinnah Intl	WS	Incorrect priority DD	Correct priority is FF
Pakistan	KARACHI/Jinnah Intl	WS	Incorrect end of message indicator	Correct end of message indicator is =
Pakistan	KARACHI/Jinnah Intl	WV	Incorrect priority GG	Correct priority is FF
Papua New Guinea	PORT MORESBY	WC	Incorrect WMO AHL WSNG21	Correct WMO AHL is WCNG20
Papua New Guinea	PORT MORESBY on behalf of HONIARA	WC	Incorrect WMO AHL WSNG21	Correct WMO AHL is WCSO20
Sri Lanka	BANDARANAIKE INTERNATIONAL AIRPORT	WV	Incorrect WMO AHL WSSB31	Correct WMO AHL is WVSB31
Thailand	BANGKOK/Suvarnabhumi Intl Airport	WV	Incorrect valid time 120156	Correct valid time is 120200
United States	HONOLULU/Honolulu Intl	WS	Incorrect sequence No. NOVEMBER 1	Correct sequence No. is Z99
United States	HONOLULU/Honolulu Intl	WS	Incorrect end of message indicator	Correct end of message indicator is =

State	MWO	SIGMET test	Error	Remedy
United States	KANSAS CITY	WS	Incorrect sequence No. ALFA 1	Correct sequence No. is Z99
United States	KANSAS CITY	WS	Incorrect end of message indicator	Correct end of message indicator is =

Table 2: SIGMET TEST FORMAT ERRORS 2013

State	MWO	SIGMET test	Error	Remedy
Australia	ADELAIDE/Adelaide BRISBANE/Brisbane DARWIN/Darwin HOBART/Hobart MELBOURNE/Melbourne MELBOURNE/World Met. Centre PERTH/Perth SYDNEY/Sydney	WS	Incorrect priority DD or GG	Correct priority is FF
Australia	DARWIN (REGIONAL FORECASTING CENTRE)	WC	Incorrect location indicator CCCC	Correct location indicator CCCC should be ADRM
Australia	DARWIN (REGIONAL FORECASTING CENTRE)	WV	Incorrect priority GG	Correct priority is FF
China	SHANGHAI/Hongqiao	WC	Incorrect priority GG	Correct priority is FF
China	SHANGHAI/Hongqiao	WS	Incorrect priority DD	Correct priority is FF
China	SHANGHAI/Hongqiao	WV	Incorrect priority GG	Correct priority is FF
China	URUMQI/Diwopu	WC	Incorrect priority GG	Correct priority is FF
China	URUMQI/Diwopu	WV	Incorrect priority GG	Correct priority is FF
China	WUHAN/Tianhe	WS	Incorrect priority GG	Correct priority is FF
China	WUHAN/Tianhe	WV	Incorrect priority GG	Correct priority is FF
China	XI'AN/Xianyang	WV	Incorrect priority GG	Correct priority is FF
Fiji	NADI	WC	Incorrect valid time 120000	Correct valid time is 120200

State	MWO	SIGMET test	Error	Remedy
French Polynesia	TAHITI/Faaa	WC	Incorrect priority GG	Correct priority is FF
French Polynesia	TAHITI/Faaa	WS	Incorrect priority GG	Correct priority is FF
French Polynesia	TAHITI/Faaa	WS	Incorrect valid time 260128	Correct valid time is 260200
Indonesia	JAKARTA/Soekarno-Hatta (Comm Center)	WV	Incorrect priority DD	Correct priority is FF
Japan	TOKYO (CITY)	WC	Incorrect priority GG	Correct priority is FF
Japan	TOKYO (CITY)	WV	Incorrect priority GG	Correct priority is FF
Lao PDR	VIENTIANE/Wattay	WV	Incorrect priority GG	Correct priority is FF
Maldives	MALE/Int	WS	Incorrect priority DD	Correct priority is FF
Pakistan	KARACHI/Jinnah Intl	WC	Incorrect priority GG	Correct priority is FF
Pakistan	KARACHI/Jinnah Intl	WS	Incorrect priority GG	Correct priority is FF
Pakistan	KARACHI/Jinnah Intl	WV	Incorrect priority GG	Correct priority is FF
Pakistan	LAHORE/Allama Iqbal Int'l	WC	Incorrect priority GG	Correct priority is FF
Pakistan	LAHORE/Allama Iqbal Int'l	WS	Incorrect priority GG	Correct priority is FF
Pakistan	LAHORE/Allama Iqbal Int'l	WV	Incorrect priority GG	Correct priority is FF
United States	HONOLULU/Honolulu Intl	WS	Incorrect end of message indicator	Correct end of message indicator is =
United States	KANSAS CITY	WV	Incorrect priority GG	Correct priority is FF