



International Civil Aviation Organization

**THIRTEENTH MEETING OF THE ASIA/PACIFIC REGIONAL OPMET
BULLETIN EXCHANGE WORKING GROUP (ROBEX WG/13)**

Seoul, Republic of Korea, 16 – 18 March 2015

Agenda Item 4 OPMET Exchange

DATA CAPTURE DURING MONITORING EXERCISES

(Presented by Australia)

SUMMARY

This paper highlights a problem with capturing AMHS messages during ICAO Data Monitoring Exercises.

1. INTRODUCTION

1.1 Each year, during the OPMET Data Monitoring Exercise, copies of bulletins received by RODB Brisbane are captured and forwarded to Bangkok. These bulletins are captured using the Australian Aeronautical Message System (AAMS).

1.2 The format of captured AMHS messages is not compatible with Bangkok monitoring system.

2. DISCUSSION

2.1 An example of a captured OPMET bulletin in AFTN format with Start of Message, Start of Text and End of Messages symbols highlighted in red. These symbols are used to separate and distinguish message parts by Bangkok monitoring system.

(SOM)WSB8953 151109

GG NZKLYMYX NZZZYPYA WARRYMYX WARSYMYX WIZZYPYX YBBBYPYX
YBZZSVMX

151109 WSSSYPYX

(STX)FTSR33 WSSS 151100

TAF WBSB 151050Z 1512/1618 01005KT 9999 SCT015 FEW016CB

TEMPO 1512/1516 6000 SHRA TSRA SCT014

BECMG 1518/1520 17002KT FEW015=

TAF WBGG 151100Z 1512/1612 03005KT 9999 FEW020 SCT150 BKN300

TEMPO 1514/1518 4000 RA SCT016 BKN150=

TAF WBKK 151100Z 1512/1612 06008KT 9999 FEW014 SCT140 BKN270

BECMG 1514/1516 12005KT=

TAF WBGB 151100Z 1512/1612 07005KT 9999 FEW016 SCT150 BKN300

TEMPO 1512/1516 4000 RA SCT014 BKN140=

TAF WBGR 151100Z 1512/1612 33005KT 9999 FEW014 SCT150 BKN300
 TEMPO 1514/1518 4000 RA SCT014 BKN140=
 TAF WBGS 151100Z 1512/1612 04005KT 9999 FEW018 SCT150 BKN300
 TEMPO 1512/1516 4000 RA SCT016 BKN150=
 TAF WBKL 151100Z 1512/1612 01008KT 9999 FEW010 SCT140 BKN290
 TEMPO 1512/1516 4000 TSRA FEW008 FEW014CB SCT030 BKN270=
 TAF WBKS 151100Z 1512/1612 10007KT 9999 SCT015 SCT140 BKN280
 BECMG 1517/1519 28005KT=
 TAF WBKW 151100Z 1512/1612 36005KT 9999 FEW017 SCT140 BKN300
 BECMG 1601/1603 06007KT= (EOM)

2.2 An example of a captured OPMET bulletin in AMHS format that is not recognized or accepted by Bangkok monitoring system

Priority : Non-urgent
 MTS Id : /C=XX/A=ICAO/P=FIJI/LocalID=nfmta-MTCU:00E1CF2C9852951F
 Originator : /C=XX/A=ICAO/P=FIJI/O=NFFN/OU1=NFFN/CN=NFFNYPYX/
 Recipients : 7
 1. Recipient : /C=XX/A=ICAO/P=FA/O=AFTN/OU1=FAPRYMYX/
 2. Recipient : /C=XX/A=ICAO/P=GO/O=AFTN/OU1=GOOYYZYZ/
 3. Recipient : /C=XX/A=ICAO/P=RJ/O=AFTN/OU1=RJTDYPYX/
 4. Recipient : /C=XX/A=ICAO/P=HONGKONG/O=HKGCAD/OU1=VHZZ/CN=VHZZYPYX/
 5. Recipient : /C=XX/A=ICAO/P=THAILAND/O=VTBB/OU1=VTBB/CN=VTBBYPYX/
 6. Recipient : /C=XX/A=ICAO/P=SINGAPORE/O=CAASG/OU1=WSZZ/CN=WSZZYPYM/
 7. Recipient : /C=XX/A=ICAO/P=AUSTRALIA/O=YBBN/OU1=YBBB/CN=YBBBYPYX/

_PRI: GG

FT: 160510

_FTPS31 NFFN 160500

TAF NCRG 160349Z 1606/1706 08010KT 9999 SCT016=
 TAF NFFN 160347Z 1606/1706 VRB03KT 9999 SCT030 BKN050 PROB30 TEMPO
 1606/1618 7000 SHRA BKN015 BECMG 1621/1623 29010KT PROB30 TEMPO
 1702/1706 5000 TSRA BKN015 FEW018CB BECMG 1704/1706 VRB03KT=
 TAF NFNA 160351Z 1606/1706 08010KT 9999 SCT022=
 TAF NTFN 160349Z 1606/1706 07010KT 9999 FEW020=
 TAF NGTA 160352Z 1606/1706 09010KT 9999 SCT020=
 TAF NIUE 160353Z 1606/1706 10010KT 9999 SCT018=
 TAF NSFA 160350Z 1606/1706 06010KT 9999 FEW025 SCT100=
 TAF NTAA 160500Z 1606/1712 VRB03KT 9999 FEW023=
 TAF PLCH 160353Z 1606/1706 12010KT 9999 SCT020=

2.3 As more AFTN connections are migrated to AMHS (Brisbane <> Singapore is the next scheduled AFTN to AMHS connection) ability to supply OPMET data for monitoring exercises will decrease.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information in this paper.

3.2 Bangkok is requested to investigate the possibility of modifying their monitoring system to accept AMHS message format.
