



*International Civil Aviation Organization*

**THIRD MEETING OF ASIA/PAC OPMET MANAGEMENT TASK FORCE  
OF CNS/MET SUB-GROUP OF APANPIRG (OPMET/M TF/3)**

Bangkok, Thailand, 2-4 March 2005

**Agenda Item 3 a): Review of Regional guidance material on OPMET exchange  
ROBEX Handbook, edition 2004**

**REVIEW OF ROBEX HANDBOOK**

(Presented by the Secretariat)

**SUMMARY**

This paper presents the 12<sup>th</sup> edition of ROBEX Handbook, published by ICAO Regional Office in 2004. The paper discusses the need for development of further regional guidance on OPMET exchange for inclusion in the Handbook.

**1. INTRODUCTION**

1.1 The 12<sup>th</sup> edition of ROBEX Handbook, was published in hard copy and CD-ROM and distributed in November 2004 to all States in ASIA/PAC Region. Copies of the Handbook were also sent for distribution in the MID ICAO Region and for information to all other ICAO Regions. The Handbook is available on the ICAO web site in pdf format.

1.2 This paper discusses the need for updating and amending the ROBEX Handbook in order to keep it as a valuable and useful document for the RODBs, ROBEX centres and other aviation users.

**2. DISCUSSION**

**Outstanding chapters**

2.1 The group is expected to review Chapter 9, AIREP Exchange, based on the report of the AIREP survey carried out by the AIREP Team.

2.2 Chapter 12 of ROBEX Handbook, Management of OPMET exchange under the ROBEX scheme, is still outstanding. It is proposed to form an OPMET QC Team to collect information of the existing quality control procedures and prepare a draft text for Chapter 12 to be ready for OPMET/M TF/4 meeting in 2006.

2.3 It should be noted that Appendix G, Exchange of OPMET data between the MID, ASIA and AFI regions, has been included in the 12<sup>th</sup> edition without changes because no updates were received from the other regions concerned by the time of publication. Representatives of RODBs and IROGs are invited to provide any new information and to activate their contacts with the IROGs of other regions in order to ensure actualization of the information regarding the inter-regional exchange in the ROBEX Handbook.

**Other updates**

2.4 As discussed by the group at the previous meetings, the ROBEX Handbook should be a dynamic document, updated promptly after significant changes in the procedures or tables is are endorsed by the appropriate bodies or States. The Secretariat needs to be informed of such changes on time in order to initiate to update procedure. The fact that the document is published on the web will facilitate its updating. However, it is not planned to distribute a hard copy after every change to the Handbook on the web.

2.5 A recent change to Table, ROBEX collection and dissemination of METAR bulletins, is presented in the attachment. The meeting is invited to discuss on the procedure of publishing such updates and informing all users concerned.

**3. ACTION BY THE MEETING**

3.1 The Meeting is invited to:

- a) note the content of this paper;
- b) review the 12<sup>th</sup> edition of the ROBEX Handbook;
- c) discuss the necessary updates; and
- d) set up an OPMET QC Team to prepare draft Chapter 9 of the Handbook.

**-END-**

Table A : ROBEX Collection and Dissemination of METAR Bulletins - am.1 - Japan

| 1               |      | 2              |      |                            | 3         | 4                |              |
|-----------------|------|----------------|------|----------------------------|-----------|------------------|--------------|
| ROBEX Centre    |      | METAR Bulletin |      |                            | Bul. Time | DISSEMINATION TO |              |
| Name            | CCCC | BUL No.        | CCCC | Aerodrome                  |           | RODB/ROBEX C.    | AFTN Address |
| ASIA/PAC REGION |      |                |      |                            |           |                  |              |
| Tokyo           | RJTD | SAJP31         | RJAA | TOKYO/Narita Intl          | HH + 00   | BANGKOK          | VTBBYPYX     |
|                 |      |                | RJTT | TOKYO/Tokyo Intl           | HH + 30   | BRISBANE         | YBBBYPYX     |
|                 |      |                | ROAH | NAHA/Naha                  |           | SINGAPORE        | WSZZPYM      |
|                 |      |                | RJOO | OSAKA/Osaka Intl           |           | TOKYO            | RJAAPYX      |
|                 |      |                | RJBB | OSAKA/Kansai Intl          |           | Beijing          | ZBBBYPYX     |
|                 |      |                | RJGG | NAGOYA/Chubu Centrair Intl |           | Guam             | PGUMCOAX     |
|                 |      | SAJP32         | RJCC | SAPPORO/New Chitose        | HH + 00   | BANGKOK          | VTBBYPYX     |
|                 |      |                | RJFF | FUKUOKA/Fukuoka            | HH + 30   | BRISBANE         | YBBBYPYX     |
|                 |      |                | RJFK | KAGOSHIMA/Kagoshima        |           | SINGAPORE        | WSZZPYM      |
|                 |      |                | RJCH | HAKODATE/Hakodate          |           | TOKYO            | RJAAPYX      |
|                 |      |                | RJFU | NAGASAKI/Nagasaki          |           | Beijing          | ZBBBYPYX     |
|                 |      |                |      |                            |           | Guam             | PGUMCOAX     |
|                 |      |                |      |                            |           | Hong Kong        | VHZZYPYX     |
|                 |      |                |      |                            |           | Incheon          | RKSIYPYX     |
|                 |      |                |      |                            |           | London           | EGZZMASI     |
|                 |      |                |      |                            |           | Nadi             | NFZZRCXX     |
|                 |      |                |      |                            |           | Wellington       | NZZZYPYX     |
|                 |      |                |      |                            |           |                  |              |

**APPENDIX A****ROBEX COLLECTION AND DISSEMINATION OF METAR BULLETINS****Table A : METAR (SA)****Explanation of Table**

Col. 1: Name and ICAO location indicator of the ROBEX Centre compiling the bulletin.

Col. 2: Description of the METAR Bulletin

Col. 3: Official observation time of the bulletin

Col. 4: Distribution of the bulletin to other ROBEX centres and RODBs

*Note: The RODB responsible for storing the bulletin is in **bold***

Aerodromes with shaded text are included in the HF VOLMET Broadcast