



ICAO

International Civil Aviation Organization**WORKING PAPER**

Asia and Pacific (APAC)

**Twenty-second Meeting of the Meteorological Information Exchange Working Group (MET/IE WG/22)**

Bangkok, Thailand, 18 to 21 March 2024

### **Agenda Item 3: Quality control, monitoring and management of meteorological information exchange**

#### **MONITORING AND UPDATES OF REGULAR EXCHANGE IN CHINA**

(Presented by China)

#### **SUMMARY**

This paper summarizes the regular exchange status of the OPMET Bulletins received by Beijing ROC from Thailand, Australia, Sri Lanka, Indonesia, Malaysia and India to Beijing ROC, and also presents the progress Beijing ROC has made according to the ICAO ROBEX Handbook, Fifteenth Edition - March 2023.

## **1. INTRODUCTION**

1.1 The ICAO APAC ROBEX Handbook, Fifteenth Edition - March 2023 had been published in 2023, which included the requested changes by China on MET/IE WG/17 and MET SG/25, and other items related with Beijing ROC.

1.2 The related ACTIONS mentioned in the final report of MET/IE WG/21 2023 are shown as below.

<b>ACTION ITEM</b>	<b>DESCRIPTION</b>	<b>RESPONSIBILITY</b>	<b>STATUS/REMARKS</b>
<i>MET/IE WG/17</i>  <i>Also related with</i>	<i>Coordinate a proposal to update the ROBEX Handbook to enable the regular exchange of several international OPMET bulletins to the ROBEX Centre Beijing and present it for further review and possible endorsement by MET/SG/23.</i>  <i>[Report of MET/IE WG/17, para. 3.9 – 3.12, refers]</i>	<i>Secretariat</i>  <i>China</i>	<b>COMPLETED</b>  <i>(subject to publication of updates in MET/IE WG/21, WP/10; ROBEX HB 15<sup>th</sup> Ed.)</i>

MET/SG/25 <b>WP/19</b>	WP/19 MET/SG/25: "Suggestion on the Update of ICAO APAC ROBEX Handbook", China proposed request OPMET Bulletin from Thailand, Australia, Sri Lanka, Indonesia, Malaysia and India to Beijing ROC, ZBBYPYX.		
MET/IE WG/20 <b>11</b>	<p>Coordinate with Mongolia to:</p> <p>a) Notify the regional focal point and team for management of the METNO process of the changes in IP/11; and</p> <p>b) Include the proposals in IP/11 in the next update of the ROBEX Handbook.</p> <p>[Ref: Report of MET/IE WG/20, para. 6.14.] Next ROBEX Handbook update</p>	Secretariat, in coordination with participants from Mongolia	<b>COMPLETED</b>  (subject to publication of updates in MET/IE WG/21, WP/10; ROBEX HB 15 <sup>th</sup> Ed.)

1.3 At the same time, Beijing ROC sorted out the operational configurations which were not aligned with the ICAO ROBEX Handbook, Fifteenth Edition - March 2023, and updated the information exchange system of Beijing ROC.

1.4 This paper summarizes the regular exchange status of the OPMET Bulletins received by Beijing ROC from Thailand, Australia, Sri Lanka, Indonesia, Malaysia and India to Beijing ROC, and also presents the progress Beijing ROC has made according to the ICAO ROBEX Handbook, Fifteenth Edition - March 2023.

## 2. DISCUSSION

### The differences between the operation and the new version ROBEX Handbook

2.1 The regular exchange status of the OPMET Bulletins received by Beijing ROC from Thailand, Australia, Sri Lanka, Indonesia, Malaysia and India to Beijing ROC are show as below.

ROBEX Centre		METAR Bulletin No.	Current Progress
Name	CCCC		
Bangkok	VTBB	SAAE31, SAAE32, SAAE33, SAAE34, SATH31, SATH32, SATH33	Thailand, received
Brisbane	YBBN	SAAU31, SAAU32, SAAU33, SAAU36, SANG31	Australia, received sometimes NIL, updated after request
Kuala Lumpur	WMKK	SAMS31	Malaysia, received
Colombo	VCCC	SASB31	Sri Lanka, not received
Jakarta	WIII	SAID31	Indonesia, not received
Jakarta	WIII	SAID32	
Jakarta	WIII	SAID33	
Mumbai	VABB	SAIN31	

Delhi	<b>VIDP</b>	<b>SAIN32</b>	<b>India, not received</b>
Kolkata	<b>VECC</b>	<b>SAAS31</b>	
Kolkata	<b>VECC</b>	<b>SABW31</b>	

**Operational updates Beijing ROC made as ICAO APAC ROBEX Handbook**

2.2 Beijing ROC added the AFTN address of Nadi RODB, NFFNYPYX, into the operational destination list, according to the updates in fifteenth edition of the ROBEX Handbook.

2.3 The stations in SA/FTCI31 bulletin filed by Beijing ROC have been updated as the fifteenth edition of ROBEX Handbook. This involves transitioning ZBSJ and ZWSH from the SA/FTCI31 to SA/FTCI32 bulletin.

2.4 Refer to the ACTION MET/IE WG/20-11, Beijing ROC has updated the message handling system. Consequently, the METAR/SPECI and FT TAF messages of ZMCK are now filed under the SA/FTCI31 bulletin, and no longer under the SA/FTCI32 bulletin.

2.5 According to 9.1.3 of fifteenth edition of the ROBEX Handbook, “the originating ROC of Space Weather Advisories will then disseminate the SWX Advisories, via AFS, to the IROGs, RODBs, and all other ROCs within its Region, and to SADIS/WIFS”. Therefore, Beijing ROC upgraded the message handling system to support it. And the destination list of CRC-China used is shown in the following table.

<b>Receiver</b>	<b>Location Indicator</b>	<b>AFTN Address</b>
SWXC	YBBB	YBZZASWB
SWXC	EFKL	EFKLYMYX
SWXC	France	LFPWYMYX
WAFC	SADIS	EGZZMASI
WAFC	WAFS	KWBCYMYX
ROC	NFFN	NFZZRFXX
ROC	NZKL	NZZZYPYX
ROC	OPKC	OPZZYPYX
ROC	RJTD	RJTDYPYX
ROC	RKSI	RKSIYPYX
ROC	VABB	VABBYPYX
ROC	VCCC	VCCCYPYX
ROC	VECC	VECCYPYX
ROC	VHHH	VHZZYPYX
ROC	VIDP	VIDPYPYX
ROC	VTBB	VTBBYPYX
ROC	WIII	WIZZYPYX
ROC	WMKK	WMZZYPYR
ROC	WSSS	WSZZYPYX

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper.
- b) remind the related ROCs to disseminate their bulletins as the ICAO APAC ROBEX Handbook, Fifteenth Edition - March 2023, or a newer one.

-----