

International Civil Aviation Organization



ICAO

WORKING PAPER (WP/17)

**ICAO Asia and Pacific (APAC)
Twenty-third Meeting of the Meteorological Information
Exchange Working Group (MET/IE WG/23)**

Bangkok, Thailand, 25 to 28 March 2025

Agenda Item 4: Guidance material related to meteorological information exchange

UPDATES TO ASIA PACIFIC ROBEX HANDBOOK

(Presented by Hong Kong, China)

SUMMARY

This paper presents the proposal for members to update the Asia Pacific ROBEX Handbook with the changes in METAR/SPECI and TAF bulletins dissemination by Hong Kong, China.

1. INTRODUCTION

1.1 The Regional OPMET Bulletins Exchange (ROBEX) supports the effective exchange of OPMET information to fulfil the operational needs of stakeholders.

1.2 In light of the addition of new aerodromes and changes in the dissemination of TAF and METAR bulletins by the Hong Kong Regional OPMET Centre (ROC), it is proposed to update the relevant sections of the Asia-Pacific ROBEX Handbook.

2. DISCUSSION

Inclusion of aerodromes in Hong Kong METAR/SPECI and TAF bulletin

2.1 With effect from 0200 UTC on 17 April 2025, Hong Kong ROC will be incorporating three additional aerodromes, namely the SOUTH COTABATO/Tambler Gen. Santos International Airport (RPMR) and the AKLAN/Kalibo International Airport (RPVK) in the Philippines; and the Penghu Airport (RCQC) in Taipei FIR, in the Hong Kong METAR/SPECI and TAF bulletins. The proposed updates to Asia Pacific ROBEX Handbook are given in Appendix A and Appendix B.

Re-allocation of aerodromes in METAR Bulletins in Hong Kong ROC

2.2 In 2023, the Hong Kong ROC reorganised its TAF bulletin by grouping aerodromes with the same TAF issuance frequency and/or validity period into three series: FT(LT)HK31, FT(LT)HK32, and FT(LT)HK33. To uphold consistency across bulletin structures, the existing Hong Kong METAR bulletin SA(LA)HK31 will be realigned into three corresponding bulletins: SA(LA)HK31, SA(LA)HK32, and SA(LA)HK33. This realignment ensures that both TAF and METAR bulletins

share similar aerodrome groupings, thereby streamlining the exchange of OPMET information within the ROBEX framework. The table below depicts the allocations of aerodromes in Hong Kong METAR bulletins.

SA(LA)HK31 Bulletin Time (H+00/H+30)	SA(LA)HK32 Bulletin Time (H+00/H+30)	SA(LA)HK33 Bulletin Time (H+00/H+30)
HONG KONG/Intl (VHHH)	• MACAO/Intl (VMC) • TAIBEI CITY/Taibei Intl (RCTP) • GAOXIONG (RCKH) • MANILA/Ninoy Aquino Intl (RPLL) • LAPU-LAPU/Mactan Cebu (RPVM) • PAMPANGA/Clark Intl (RPLC)	• TAIBEI/Songshan (RCSS) • TAICHUNG/Qingquangang (RCMQ) • TAINAN (RCNN) • TAIDONG/Fengnian (RCFN) • PENGHU (RCQC) • DAVAO/Francisco Bangoy Intl (RPMD) • SUBIC BAY/Intl (RPLB) • LAOAG/Intl (RPLI) • SOUTH COTABATO/Tambler Gen. Santos Intl (RPMR) • ZAMBOANGA/Intl (RPMZ) • AKLAN/Kalibo Intl (RPVK) • PUERTO PRINCESA/Intl (RPVP)

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) request the Secretariat to update the Asia Pacific ROBEX Handbook in:
 - i. Appendix A, Table A: Collection and Dissemination of METAR (SA) Bulletins for Hong Kong ROC in accordance with the information and Appendix A provided in this WP.
 - ii. Appendix B, Table B: Collection and Dissemination of TAF (FT) Bulletins for Hong Kong ROC in accordance with the information and Appendix B provided in this WP.

APPENDIX A

Proposed update to Appendix A, Table A: Collection and Dissemination of METAR (SA) Bulletins for Hong Kong ROC (indicated in grey or ~~strikethrough~~)

Table A : Collection and Dissemination of METAR (SA) Bulletins								
1		2			3	4	5	
ROC		METAR Bulletin			Bul. Time	Available	Dissemination	
Name	CCCC	BUL No.	CCCC	Aerodrome			RODB/ROC	AFTN Address
Hong Kong	VHHH	SAHK31	VHHH	HONG KONG/Intl	H+00/30	2200-1200	BANGKOK BRISBANE NADI SINGAPORE TOKYO Beijing Kuala Lumpur Incheon Wellington	VTBBYPYX YBBBYPYX NFFNYPYX WSZZPYPM RJTDYPYX ZBBBYPYX WMZZYPYR RKSIYPYX NZZZYPYX
			RCTP	TAIBEI CITY/Taibei Intl	H+00/30			
			RCKH	GAOXIONG	H+00/30			
			RCSS	TAIBEI/Songshan	H+00/30			
			RCMQ	TAICHUNG/Qingquangang	H+00/30			
			RCNN	TAINAN	H+00/30			
			RCFN	TAIDONG/Fengnian	H+00/30			
			VMMC	MACAO/Intl	H+00/30			
			RPLL	MANILA/Ninoy Aquino Intl	H+00			
			RPVM	LAPU-LAPU/Mactan Cebu	H+00			
			RPMD	DAVAO/Franciso Bangoy Intl	H+00			
			RPLB	SUBIC BAY/Intl	H+00			
			RPLI	LAOAG/Intl	H+00			
			RPMZ	ZAMBOANGA/Intl	H+00			
			RPLC	PANGA/Clark Intl	H+00			
			RPVP	PUERTO PRINCESA/Intl	H+00			
		SAHK32	VMMC	MACAO/Intl	H+00/30			
			RCTP	TAIBEI CITY/Taibei Intl	H+00/30			
			RCKH	GAOXIONG	H+00/30			
			RPLL	MANILA/Ninoy Aquino Intl	H+00			
			RPVM	LAPU-LAPU/Mactan Cebu	H+00			
		SAHK33	RPLC	PAMPANGA/Clark Intl	H+00	2200-1200		
			RCSS	TAIBEI/Songshan	H+00/30			
			RCMQ	TAICHUNG/Qingquangang	H+00/30			
			RCNN	TAINAN	H+00/30			
			RCFN	TAIDONG/Fengnian	H+00/30			
			RCQC	PENGHU	H+00/30			
			RPMD	DAVAO/Francisco Bangoy Intl	H+00			
			RPLB	SUBIC BAY/Intl	H+00			
			RPLI	LAOAG/Intl	H+00			
			RPMR	SOUTH COTABATO/Tambler Gen. Santos Intl	H+00			
			RPMZ	ZAMBOANGA/Intl	H+00			
			RPVK	AKLAN/Kalibo Intl	H+00			
			RPVP	PUERTO PRINCESA/Intl	H+00			

Note: Aerodromes not listed in Table AOP I are indicated in italics.

APPENDIX B

Proposed update to Appendix B, Table B: Collection and Dissemination of TAF (FT) Bulletins for Hong Kong ROC (indicated in grey or ~~strike through~~)

Table B : Collection and Dissemination of TAF (FT) Bulletins									
1 ROC		2 TAF Bulletin						3 Dissemination	
Name	CCCC	BUL No.	CCCC	Aerodrome	Filing time	Start of validity	TAF validity	RODB/ROC	AFTN Address
Hong Kong	VHHH	FTHK31	VHHH	HONG KONG/Intl	0235	0300	30	BANGKOK BRISBANE NADI SINGAPORE TOKYO	VTBBYPYX YBBBYPYX NFFNYPYX WSZZYPYM RJTDYPYX
					0535	0600			
					0835	0900			
					1135	1200			
					1435	1500			
					1735	1800			
					2035	2100			
					2335	0000			
		FTHK32	VMMC RCTP RCKH RPLL RPVM RPLC	MACAO/Intl TAIBEI CITY/Taipei Intl GAOXIONG MANILA/Ninoy Aquino Intl LAPU-LAPU/Mactan Cebu PAMPANGA/Clark Intl	0535	0600	30	Beijing Mumbai Incheon Wellington London Washington	ZBBBYPYX VABBYPYX RKSIPYX NZZZYPYX EGZZMASI KWBCYMYX
					1135	1200	30		
					1735	1800	30		
					2335	0000	30		
							30		
							30		
		FTHK33	RCSS RCMQ RCNN RCFN RCQC RPMQ RPLB RPLI RPMR RPMZ RPVK RPVP	TAIBEI/Songshan <i>TAICHUNG/Qingquangang</i> <i>TAINAN</i> <i>TAIDONG/Fengnian</i> <i>PENGHU</i> DAVAO/Francisco Bangoy Intl SUBIC BAY/Intl LAOAG/Intl SOUTH COTABATO/Tambler Gen. Santos Intl ZAMBOANGA/Intl AKLAN/Kalibo Intl PUERTO PRINCESA/Intl	0535	0600	24		
					1135	1200	24		
					1735	1800	24		
					2335	0000	24		
							24		
							24		
							24		
							24		
							24		
							24		

Note: Aerodromes not listed in Table AOP 1 are indicated in italics.