

**59<sup>th</sup> CONFERENCE OF  
DIRECTORS GENERAL OF CIVIL AVIATION  
ASIA AND PACIFIC REGIONS**

*Cebu, Philippines  
14 to 18 October 2024*

**AGENDA ITEM 4: AIR NAVIGATION**

**AIR TRAFFIC MANAGEMENT CONTINGENCY PLAN  
ARRANGEMENT OF THE PHILIPPINES**

(Presented by Philippines)

**INFORMATION PAPER**

**SUMMARY**

This paper presents the information of the Air Traffic Management (ATM) contingency plan arrangement of the Philippines as well as details on the routes, flight level allocation scheme and communication procedures during the period when Air Traffic Service (ATS) services are limited or not available in the Manila FIR.

# **AIR TRAFFIC MANAGEMENT CONTINGENCY PLAN ARRANGEMENT OF THE PHILIPPINES**

## **1. INTRODUCTION**

1.1 Annex 11 to the Convention on International Civil Aviation stipulates that Air Traffic Services Authorities must formulate and publish contingency plans to be put into action in the event of disruptions or potential disruptions to air traffic services and the related supporting services within their airspace jurisdiction. These plans should be developed with assistance from ICAO as required and in close coordination with neighboring air traffic services authorities and relevant airspace users.

1.2 In case of a disruption to Air Traffic Services within the Manila FIR, predetermined contingency routes and procedures, coordinated with adjacent FIRs, will be implemented to ensure flight safety and enable limited flight operations given the prevailing conditions.

1.3 The activation of this plan will be communicated through a NOTAM as soon as practicable. If advance notification is not feasible, the designated authority will activate the plan using the quickest available means. This ensures prompt action is taken to manage air traffic and uphold safety standards during disruptions.

## **2. DISCUSSION**

2.1 If there is a partial or complete disruption to the provision of Air Traffic Services (ATS) and/or related support services within the Manila FIR, the ATM Contingency Plan will be activated to maintain the safety of air navigation in the region. The contingency measures outlined in the ATM Contingency Plan are designed for instances of unforeseen interruptions in ATS due to natural events or other circumstances that could hinder or completely halt the provision of ATS and/or related support services in the Manila FIR.

2.2 The ATM Contingency Plan includes ATS communication procedures, flight level allocation scheme, and contingency route structures utilizing published ATS routes wherever feasible. These measures are designed to enable aircraft operators to navigate through the Manila FIR to reach Taipei, Ho Chi Minh, Singapore, Fukuoka, Hong Kong and Ujung Pandang FIRs even when ATS services are limited or unavailable.

### **2.3 Contingency Route and Flight Level Structure**

The contingency routes are established using the existing ATS routes as a foundation, and a Flight Level Allocation Scheme (FLAS) is implemented to reduce potential conflicts and restrict the number of aircraft operating concurrently in the system during periods of reduced air traffic services. Appendix A provides detailed information on the contingency route structure for international flights.

## **3. ACTION BY THE CONFERENCE**

3.1 The Conference is invited to,

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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Table 1.

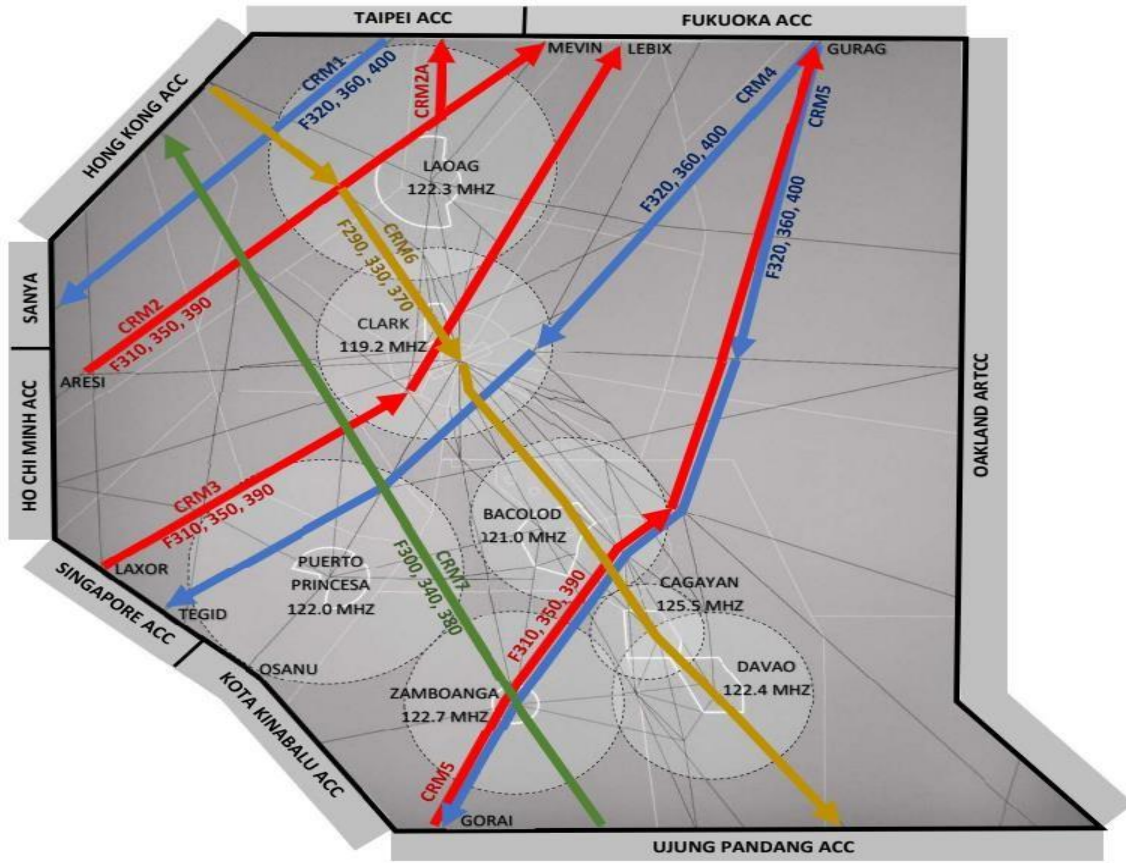
Contingency Route	ATS Route	Direction	FLAS	ATSu	Transfer of Communication	Remarks
CRM 1	N892 KABAM- MIGUG	Southwest	FL 320 FL 360 FL 400	Taipei Area Control Center (TPE ACC)	At MUMOT, Log on to VVHM for ADSC CPDLC equipped aircraft  At MIGUG, contact HCM ACC 120.7MHz	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs.
CRM 2/2A	L625 ARESI- MEVIN	Northeast	FL 310 FL 350 FL 390	Ho Chi Minh Area Control Center (HCM ACC)	<i>Applicable between 1400 - 2200UTC</i> At MEVIN, contact Fukuoka ACC 123.9MHz  <i>Applicable between 2200-1400UTC</i> At AVMUP, contact LAO APP 122.3 MHz  LAO APP to advise aircraft At MEVIN, contact Fukuoka ACC 123.9MHz	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs.  Laoag Approach Facility Hours of Operations 2200-1400UTC
	L625-M646 ARESI - POTIB			Ho Chi Minh Area Control Center (HCM ACC)	<i>Applicable between 1400 - 2200UTC</i> contact Taipei ACC 129.1 or 127.9 MHz five (5) minutes before POTIB  <i>Applicable between 2200-1400UTC</i> At AVMUP, contact LAO APP 122.3 MHz  LAO APP to advise aircraft contact Taipei ACC 129.1 or 127.9 MHz five (5) minutes before POTIB	
CRM-3	N884 LAXOR- LULBU	Northeast	FL310 FL350 FL390	Singapore Area Control Center (SIN ACC)	<i>Applicable between 1300-2100UTC</i> At LUBAN, contact Clark 119.2 MHz  <i>Applicable between 2100-1300UTC</i> At LULBU, contact PTO APP 122.0 MHz	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs
	N884 LULBU - LUBAN			Puerto Princesa Approach (PTO APP)	PTO APP to advise aircraft At LUBAN, contact CRK 119.2 MHz	
	N884 LUBAN- DADNU			Clark (CRK)	<i>Applicable between 1400-2200UTC</i> CRK to advise aircraft at LEBIX, to contact Fukuoka ACC 123.9 MHz  <i>Applicable between 2200-1400UTC</i> CRK to advise aircraft At DADNU, contact LAO APP 122.3MHz	Clark Facility Hours of Operations – H24
	N884 DADNU- LEBIX			Laoag Approach (LAO APP)	LAO APP to advise aircraft At LEBIX, contact Fukuoka ACC 123.9 MHz	LAO APP Facility Hours of Operations 2200-1400UTC

TABLE 2

Contingency Route	ATS Route	Direction	FLAS	ATSu	Transfer of Communication	Remarks
CRM-4	A590 GURAG- JOM	Southwest	FL320 FL360 FL400	Fukuoka Area Control Center	At JOM, contact CRK 119.2MHz	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs
	M767 JOM - TOKON			Clark (CRK)	<i>Applicable between 1300- 2100UTC</i> CRK to advise aircraft at TELEN, Log on WSJC for ADSC CPDLC equipped aircraft or, contact Singapore HF: 6556/8942  <i>Applicable between 2100- 1300UTC</i> CRK to advise aircraft at TOKON, contact PTO APP 122.0 MHz	Clark Facility Hours of Operations – H24  Puerto Approach Facility Hours of Operations 2100-1300UTC
	M767 TOKON- TEGID			Puerto Princesa Approach (PTO APP)	PTO APP to advise aircraft At TOSOV, Log on to WSJC for ADSC CPDLC equipped aircraft or, contact Singapore HF: 6556/8942	
CRM 5	G578 GURAG- MCT	Southwest	FL320 FL360 FL400	Fukuoka Area Control Center	At MCT, contact BCD 121.0 MHz	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs.
	G578 MCT- GORAI			Bacolod (BCD)	<i>Applicable between 1300- 2100UTC</i> BCD to advise aircraft at GORAI, contact UPG ACC 128.1MHz  <i>Applicable between 2100- 1300UTC</i> At 100NM to ZAM, contact ZAM APP 122.7MHz  Zamboanga Approach (ZAM APP) ZAM APP to advise aircraft At GORAI, contact UPG ACC 128.1MHz	Bacolod Facility Hours of Operations H24
CRM 5	G578 GORAI- MCT	Northeast	FL310 FL350 FL390	Ujung Pandang Area Control Center (UPG ACC)	<i>Applicable between 1300- 2100UTC</i> At AROLA, contact BCD 121.0 MHz  <i>Applicable between 2100- 1300UTC</i> At 100NM to ZAM, contact ZAM APP 122.7MHz  ZAM APP to advise aircraft At AROLA, contact BCD 121.0 MHz	Zamboanga APP/Tower Facility Hours of Operations 2100-1300
	G578 MCT- GURAG			Bacolod (BCD)	BCD to advise aircraft at GURAG, contact Tokyo radio HF8903/4666 KHz	

TABLE 3

Contingency Route	ATS Route	Direction	FLAS	ATSu	Transfer of Communication	Remarks
CRM 6	NOMAN A461- AVMUP- W16- TAREM	Southeast	FL290 FL330 FL370	Hong Kong Area Control Center (HKG ACC)	<i>Applicable between 1400- 2200UTC</i> At 100 NM to CRK, contact CRK 119.2 MHz.	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs  Laoag Approach Facility Hours of Operations 2200-1400UTC
	Laoag APP (LAO)			<i>Applicable between 2200- 1400UTC</i> At AVMUP, contact LAO APP 122.3Mhz.  LAO APP to advise aircraft At 100 NM to CRK, contact CRK 119.2 MHz		
	Clark (CRK)			CRK to advise aircraft at MINOR, contact BCD 121.0 MHz	Clark Facility Hours of Operations – H24	
	TAREM- W16-MIA- LIGPA- B473- MINOR			Bacolod (BCD)	BCD to advise aircraft at LOWAY, contact CGY APP 125.5 MHz	Bacolod Facility Hours of Operations H24
	MINOR- B473- ELNIT			Cagayan Approach (CGY APP)	CGY APP to advise aircraft At ANKIN, contact DAO 122.4 MHz	Cagayan Approach Facility Hours of Operations H24
				Davao (DVO)	DVO to advise aircraft at ELNIT Log on WAAF for ADSC CPDLC equipped aircraft, or contact UPG ACC 128.1MHz	Davao Facility Hours of Operations H24
CRM 7	NITIP- A461- ZAM-A583- SABNO	Northwest	FL300 FL340 FL380	Ujung Pandang Area Control Center (UPG ACC)	<i>Applicable between 1300- 2100UTC</i> To contact HKG ACC 132.15 MHz five (5) minutes before SABNO.  <i>Applicable between 2100- 1300UTC</i> At NITIP, contact ZAM APP 122.7 MHz.	International operators may choose to avoid the Manila FIR by using alternate ATS routes in other FIRs.  Zamboanga APP/Tower Facility Hours of Operations 2100-1300
				Zamboanga Approach (ZAM APP)	ZAM APP to advise aircraft at TOKON, contact PTO APP 122.0 MHz	
				Puerto Princesa Approach (PTO APP)	PTO APP to advise aircraft to contact HKG ACC 132.15 MHz five (5) minutes before SABNO	Puerto Approach Facility Hours of Operations 2100-1300UTC



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