



ATS CONTINGENCY PLAN in Myanmar

Introduction

- Contingency Arrangements - An ICAO Annex 11 requirement
- States need to go through multiple consultative process to get it right
- Fragmented Plans could render ineffective
- A coordinated regional drive is necessary to ensure relevance

Framework for Regional ATM Contingency Plan

Level 1: (domestic or internal State)

- For domestic Plans having little or **NO** effect on external air navigation service providers;

Level 2: (Inter State)

- For coordinated contingency plans involving two or more States;

Level 3: (Regional)

- For sub-Regional or Regional contingency plans, detailing contingency arrangements affecting airspace users or services provided outside the contingency airspace

State's Readiness of ATM Contingency Plan

Each State's overall contingency readiness was categorized as Robust, Marginal or Incomplete for both Level 1 and Level 2 plans according to the following scale:

- Robust (80-100% implementation)
- Marginal (40-79%)
- Incomplete (0-39%)

Myanmar ATS Contingency Plan



Objective

Plan contains arrangements to ensure continued safety of air navigation in the event of partial or total disruption of air traffic services in Yangon FIR

Not address arrangements for ARR and DEP traffic at Myanmar airports or for domestic flight operations

Myanmar Plan submitted to ICAO-APAC in 2010

Myanmar ATS Contingency Plan



Affectd States & FIRs

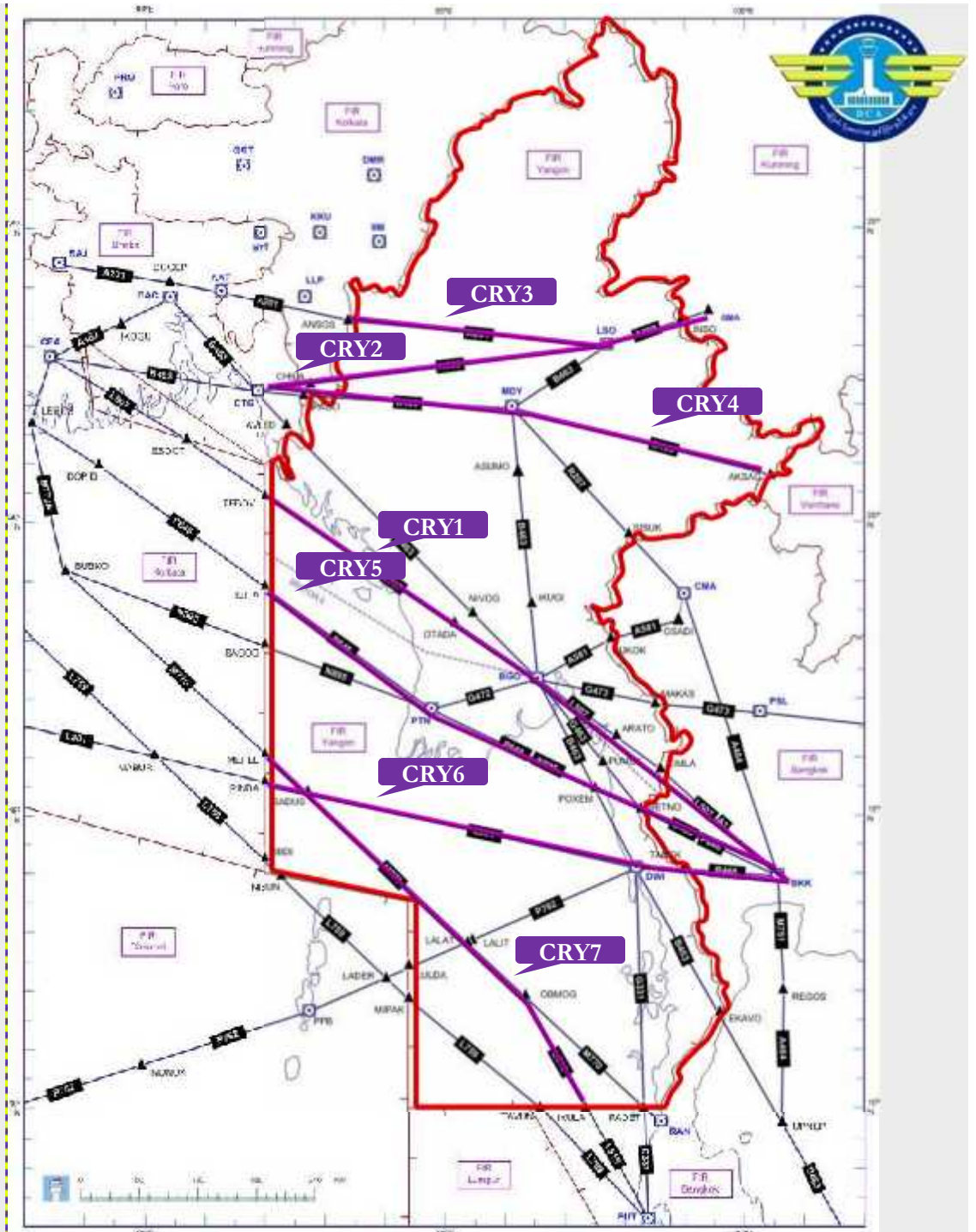
States and FIRs	Affected ATS Units
Thailand <i>Bangkok FIR</i>	ACC (Sector 4,5,7)
India <i>Kolkatta FIR</i> <i>Chennai FIR</i>	ACC OCC
Bangladesh <i>Dhaka FIR</i>	ACC
China <i>Kunming FIR</i>	ACC
Lao PDR <i>Vientiane FIR</i>	ACC

Int'l Route Structures and Communications for Transit YANGON FIR when NO ATS available in MYANMAR Airspace



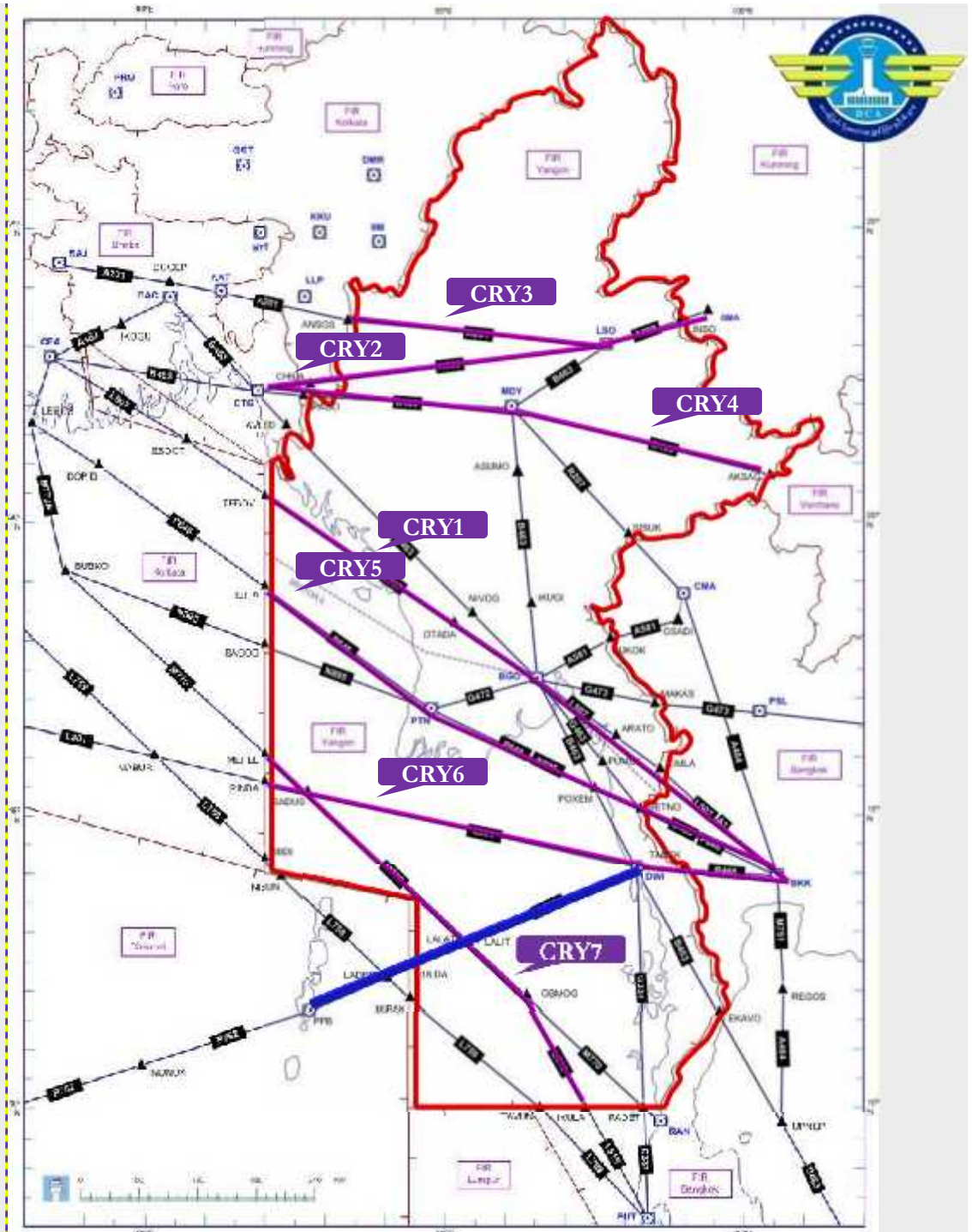
Contingency Routes Yangon FIR (CRY)	ATS Route	Direction	FL Assignment	ACCs	COM
CRY -1	L507 BKK –LIMLA-BGO - TEBOV	Westbound (Uni-direction)	All Westbound Flight Level Available	Kolkatta ACC Bangkok ACC	HF, ADS/CPDLC VHF, ADS/CPDLC
CRY -2	A599 GMA –LSO – CHILA - CTG	Westbound East bound	300,320, 360 All Eastbound Flight Level Available	Kolkatta ACC Dhaka ACC Kunming ACC	HF, ADS/CPDLC HF, VHF, ADS/CPDLC
CRY -3	A201 GMA –LSO – ANSOS	Westbound East bound	300,320, 360 All Eastbound Flight Level Available	Kolkatta ACC Dhaka ACC Kunming ACC	HF, ADS/CPDLC HF, VHF, ADS/CPDLC
CRY -4	B465 LP –AKSAG – MDY – APAGO -CTG	Westbound East bound	280,340, 380 All Flight Level Available	Kolkatta ACC Dhaka ACC	HF, ADS/CPDLC HF, VHF, ADS/CPDLC
CRY -5	P646 IBITA – PTN – BETNO - BKK	East bound (Uni-direction)	All Eastbound Flight Level Available	Kolkatta ACC Bangkok ACC	HF, ADS/CPDLC VHF, ADS/CPDLC
CRY -6	L301 RINDA – DWI – TANEK - BKK	West bound Eastbound	320, 360 All Eastbound Flight Level Available	Kolkatta ACC Bangkok ACC	HF, ADS/CPDLC VHF, ADS/CPDLC
CRY -7	M770 MEPEL – SADUS – LALIT - IKULA	Westbound East bound	280, 300, 340, 380 All Eastbound Flight Level Available	Kolkatta ACC Bangkok ACC	HF, ADS/CPDLC VHF, ADS/CPDLC

Contingency Routes in Yangon FIR



Considered additional Contingency Route in Yangon FIR

Route: P762
PPB – LULDA – LALAT – DWI
FL270 (East bound)
FL280 (West bound)





Meeting is invited -

- Note this information**
- discussion**



**Thanks for kind
attention**