

COMBINED MEETING OF BOBASIO/7, BIMT/5 AND ASIOACG/12 & INSPIRE/8New Delhi, India, 18th September – 21st September 2017**Agenda Item 3: Traffic Situation Updates****TRAFFIC GROWTH**

(Presented by DCA, Myanmar)

SUMMARY

This Information Paper provides an over flight traffic and Domestic traffic growth within the Yangon FIR to support the airspace planning and to review a flexible of ATS route structure to enhance the provision of effective Air Traffic Management

1. INTRODUCTION

1.1 Asia-Pacific region including Bay of Bengal airspace continue to experience rapid air traffic growth. In particular, Yangon FIR has been experiencing 7 to 8 percent per annum growth in air traffic movement from 2012 to 2016 with average Overflight movement 650 flights/day in 2016.

2. DISCUSSION**2.1 Traffic Movements in Myanmar**

Aircraft movements for domestic flights, international flights and overflight passing through Yangon FIR are summarized in Table 1. The number of aircraft movements has relatively increased with passenger demand.

Table 1. Aircraft Movement for Domestic & International in the Past 5 years

Year	Aircraft Movements			
	Domestic	International	Over flights	Total
2012	15034	6370	160075	181479
2013	17872	11033	172219	201124
2014	17804	12835	183504	214143
2015	21326	13454	185820	220600
2016	22943	14936	199503	237382
Average of Annual Growth Rate (AAGR)	11.4%	26.7%	5.6%	7%

2.1 Air Traffic Network System

2.2.1 International Air Traffic Network

1) International Air Traffic Network routes for Incoming/Outgoing (City-Pair)

There are three airports handling scheduled international flights in Myanmar. Yangon international airport handled 91% of international flights in 2015. Current air traffic network by city-pair for international flights were summarized based on the route basis record in 2016.

Table 2. International Network Route (Incoming/Outgoing) by City-Pair

Origin	Distination	Share
Mandalay (MDL)		
MDL	BKK	3.17%
MDL	CNX	0.47%
MDL	DMK	2.02%
MDL	GAY	0.29%
MDL	KMG	2.02%
MDL	SIN	0.43%

Origin	Distination	Share
Nay Pyi Taw (NYT)		
NYT	BKK	0.78%
NYT	KMG	0.58%

Origin	Distination	Share
Yangon (RGN)		
RGN	BKK	24.86%
RGN	CAN	2.02%
RGN	CCU	0.29%
RGN	CNX	1.49%
RGN	DAC	0.58%
RGN	DMK	12.12%
RGN	DOH	1.66%
RGN	GAY	2.02%
RGN	HAN	1.44%
RGN	HKG	2.02%
RGN	ICN	6.44%
RGN	KMG	3.75%
RGN	KUL	9.52%
RGN	NNG	0.29%
RGN	NRT	3.88%
RGN	PEK	0.87%
RGN	SGN	0.87%
RGN	SIN	14.70%
RGN	TPE	1.44%

2) Existing Air Traffic Condition for International Air Routes (Overflights)

Based on the traffic data in 2016, a number of overflights passing through Yangon FIR are summarized in Table 3.

Table 3 International Movements (Overflights in 2016)

Route ID	No. of Flights	Ratio	Remarks
A599	50021	18.8%	
L301	46264	17.4%	
L507	27770	10.4%	
A201	18164	6.8%	
L759	16996	6.4%	
P646	16287	6.1%	
G463	15469	5.8%	
B465	14089	5.3%	
M626	12485	4.7%	
P762	12011	4.5%	
N895	12670	4.7%	
M770	6852	2.5%	
L515	6152	2.3%	
M502	7521	2.8%	
G331	1678	0.6%	
G473	671	0.2%	
A581	116	0.04%	
B463	113	0.04%	
G472	38	0.01%	
R207	49	0.01%	

Table 3 shows international traffic (over flights) movements by route basis in 2016. A599, L507 and L301 are the major routes counting over 25,000 flights (Yellow Highlight in the Table). Especially A599 connecting between Kunming FIR, China and Dhaka FIR, Bangladesh reached 50021 flights in 2016 with its growth rate of 18.8%. These three routs handled 46.6% of overflights.

The Table also shows significant traffic flow in Yangon FIR. Most of the traffic is connected to Bangkok FIR. Except the routes A599 (China) and B465 (Vientiane), all routes are connected to Bangkok FIR, counting 106122 flights or 46 % of the flights.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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