

Asian Breeze (70)

(亜細亜の風)

Happy Summer to you

12 June 2020

Dear Coordinators and Facilitators in Asia/Pacific regions,

Having sent out W20 SAL, you must be little relaxed enjoying summer season. State Emergency against COVID-19 was lifted on 25 May (Monday) in Japan. Although the commercial activities started since then, they are very slow and many offices still maintain the tele-work or remote-work in order to reduce the person to person contact. So, does JSC.

According to the meteorological agency, the rainy season has started on 11 June in Tokyo. People are really expecting the high temperature and high humidity will kill COVID-19(?). This rainy season is also very important for the crop, especially rice, the main staple food for Japanese, to grow. In rainy season, “紫陽花” or ” Ajsai” called in Japanese or hydrangea macrophylla will bloom which makes us to forget the blue mood of rainy season for a while. Depending on the soil PH the color of this flower changes, you will enjoy many different colors like blue, red, purple and white.

In this issue, we have received a wonderful contribution from Mr. Sachin Sadashiv Deo, Head Facilitator of Bangalore International Airport Limited (BIAL) featuring Kempegowda International Airport, Bengaluru (BLR). In addition, the election results of APACA and the activities of WASB (Worldwide Airport Slot Board) are featured. I hope you will enjoy reading them.



Airports in India

There are 123 airports in India with scheduled flights including some with dual civilian and army use. Among 123 airports, there are 34 international airports.

There are 10 congested airports registered in IATA. There are six Level 2 airports and four Level 3 airports which are shown in below table. States owned airports are AMD, CCJ, MAA, JAI, CCU and TRV which are managed by Airport Authority of India (AAI). Privatized airports are BLR, DEL, HYD and BOM which are managed by its own company.



	Airport Name	IATA Code	ICAO Code	A/P Level	Contact E-mail
India	Sardar Vallabhbhai Patel International Airport (Ahmedabad)	AMD	VAAH	2	intslotsaai@aai.aero
	Kempegowda International Airport , Bengaluru	BLR	VOBL	2	slotcoordination@bialairport.com
	Calicut International Airport	CCJ	VOCL	2	intslotsaai@aai.aero
	Chennai International Airport	MAA	VOMM	3	intslotsaai@aai.aero
	Indira Gandhi International Airport (Delhi)	DEL	VIDP	3	intslots.igia@gmrgroup.in
	Rajiv Gandhi International Airport (Hyderabad)	HYD	VOHS	2	slotcoord.hyderabad@gmrgroup.in
	Jaipur International Airport	JAI	VIJP	2	intslotsaai@aai.aero
	Netaji Subhas Chandra Bose International Airport (Kolkata)	CCU	VECC	3	intslotsaai@aai.aero
	Chhatrapati Shivaji Maharaj International Airport (Mumbai)	BOM	VABB	3	slots@csia.gvk.com
	Trivandrum International Airport	TRV	VOTV	2	intslotsaai@aai.aero

Kempegowda International Airport, Bengaluru (BLR)

Kempegowda International Airport (IATA: BLR, ICAO: VOBL) is an international airport serving Bangalore, the capital of the Indian state of Karnataka. Spread over 1,600ha, it is located about 40km north of the city near the village of Devanahalli. It is owned and operated by Bangalore International Airport Limited (BIAL), a public-private consortium. The airport opened in May 2008 as an alternative to increased congestion at HAL Airport, the original primary commercial airport serving the city. It is named after Hiriya Kempegowda, the founder of Bangalore. Kempegowda International Airport became Karnataka's first fully solar powered airport developed by CleanMax Solar.

Kempegowda Airport is the third-busiest airport by passenger traffic in the country, behind the airports in Delhi and Mumbai, and is the 29th busiest airport in Asia. It handled around 33.30 million passengers in the fiscal year 2018 with 658 aircraft movements a day. The cargo handled by the airport continues to increase steadily, with the airport handling about 386,849 tonnes of cargo between April 2018 and March 2019.

The airport is owned and operated by Bangalore International Airport Limited (BIAL), a public limited company. The Government of India has granted BIAL the right to operate the airport for 30 years, with the option to continue for another 30 years. The company is a public-private consortium venture. The 26% of share is held by government entities Karnataka State Industrial Investment and Development Corporation (13%) and Airports

Authority of India (13%), and 74% is held by private companies Fairfax Financial (54%) and Siemens Project Ventures (20%).

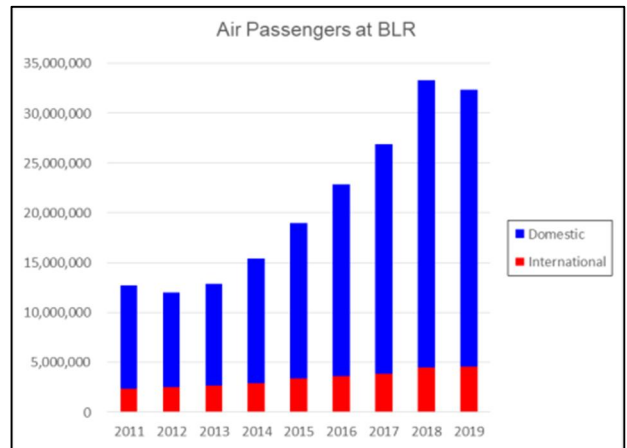
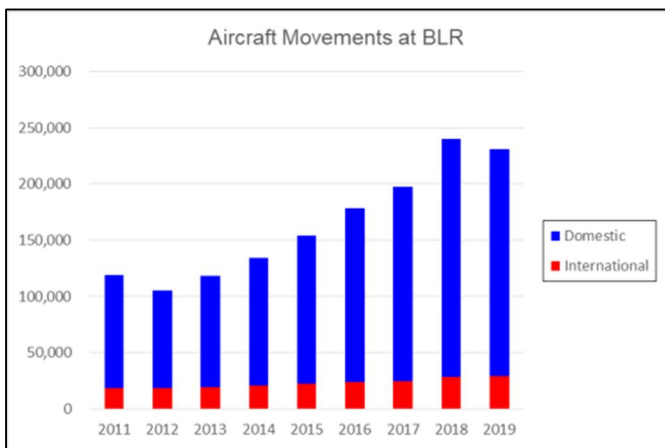
Air Transport Statistics

(1) Aircraft Movements

FY	2011	2012	2013	2014	2015	2016	2017	2018	2019
International	18,130	18,340	19,310	20,850	22,460	24,020	24,670	28,460	29,000
Domestic	100,900	86,850	99,270	113,360	131,370	154,100	172,670	211,800	202,060
Total	119,030	105,190	118,580	134,210	153,830	178,120	197,340	240,260	231,060

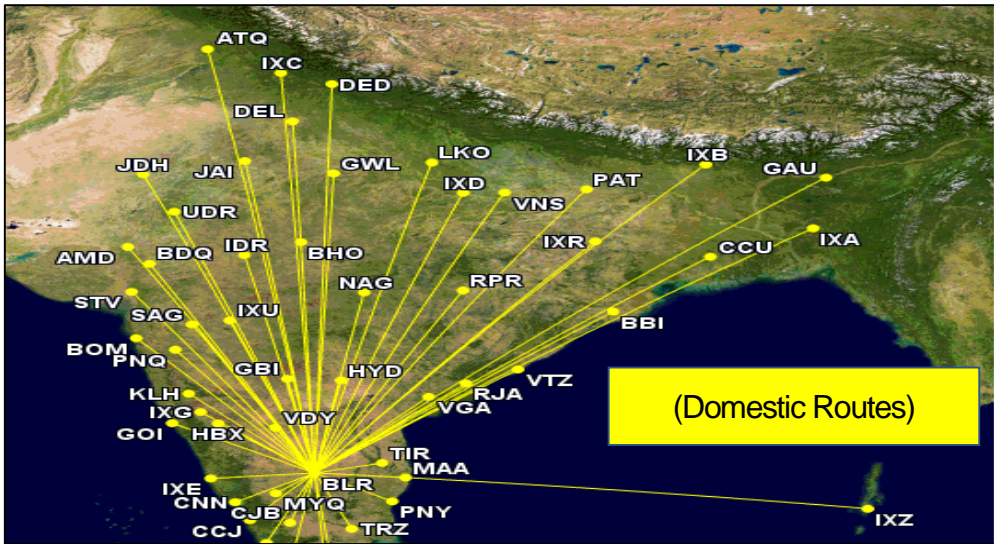
(2) Air Passengers

FY	2011	2012	2013	2014	2015	2016	2017	2018	2019
International	2,380,000	2,500,000	2,630,000	2,930,000	3,370,000	3,600,000	3,810,000	4,480,000	4,580,000
Domestic	10,330,000	9,490,000	10,230,000	12,470,000	15,610,000	19,280,000	23,100,000	28,830,000	27,780,000
Total	12,710,000	11,990,000	12,860,000	15,400,000	18,980,000	19,280,000	26,910,000	33,310,000	32,360,000

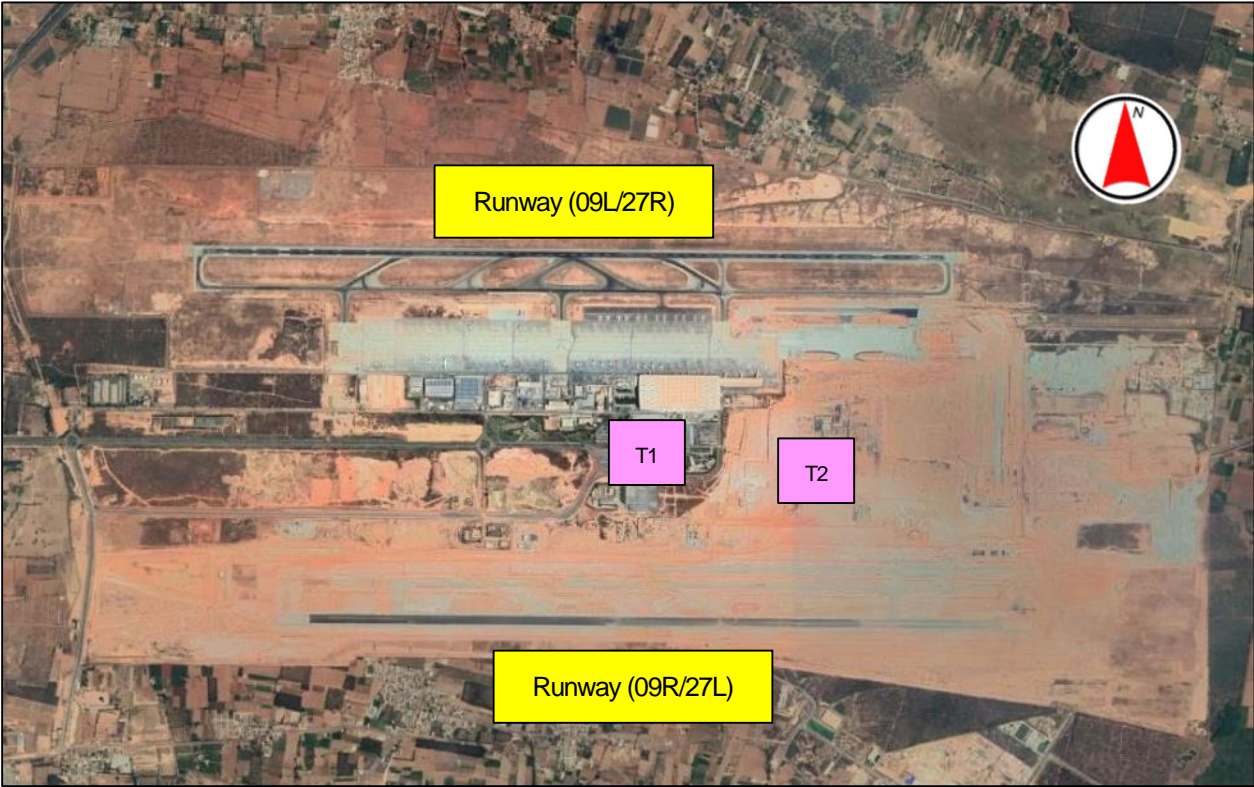


Air Route Network





Airport Infrastructure



Kempegowda International Airport consists of two runways;

- (1) Runway (09L/27R): 4,000m by 45m (with additional shoulders of 7.5m each side), CAT I, ILS equipped.
- (2) Runway (09R/27L): 4,000m by 45m (with additional shoulders of 15m each side), CAT III, ILS equipped.

The second runway has completed construction at the airport, and was officially in use from 6 December 2019, when an IndiGo airlines flight (6E 466) to Hyderabad took off from runway 09R. The new runway is however

under limited operations. The runway will cater to all types of aircraft including Code-F aircraft like Airbus A380 and Boeing 747-8 and will be equipped with CAT IIIB ILS. The runway will also feature an associated parallel taxiway and two cross-field taxiways on the east linking the new runway to the existing north runway and the aprons at Terminal 1 and Terminal 2. The existing runway will also be upgraded as part of the expansion work.



Passenger Terminal

A single integrated passenger terminal accommodates both domestic and international operations which covers 150,556m². Check-in and baggage reclaim are situated on the lower floor, while departure gates are located on Level-1 and the ground floor. Gates 1, 2, 12 - 18, 28 - 30 on Level-1 are used for domestic departures, gates 31 - 42 on Level-1 are used for International departures, gates 3 - 9 and gates 19 - 25 form the Eastern and Western bus gates respectively at ground level. Gate 41 - 42 are equipped to serve the world's largest passenger aircraft, the Airbus A380. Lounges are provided by Above Ground Level and Plaza Premium Lounge, which also operates a day hotel in the terminal. For VIPs there is a separate 930m² lounge.



Future Expansion

Kempegowda International Airport Bengaluru has experienced exponential growth over last few years and the airlines demand of airport slots and facilities is still growing (except temporary downturn due to outbreak of COVID-19).

To meet airlines future demand, Bangalore International Airport Limited is in the midst of capacity development for various facilities at the airport. Few of the future expansion projects are entailed below:

- Ø A second passenger terminal will be constructed to cater to the airport's growth. Terminal 2 has been designed by Skidmore, Owings & Merrill. The contract to construct Terminal 2 has also been awarded to Larsen & Toubro which will be constructed in two phases.
The first phase of 2nd passenger terminal is under construction with the annual capacity of 25 million passengers per year.
- Ø The second phase of the passenger terminal building would be constructed with the additional capacity of 20 million passengers per year.
- Ø Additional aircraft parking stands capacity would also be developed in association with the terminal 2.
- Ø MMTH (Multi Model Transport Hub), an integrated transport hub which would connect terminal1, terminal 2 and landside road network within the airport campus. This would also include Metro rail which would connect airport to the city of Bangalore.
- Ø East connectivity tunnel which would connect Eastern part of the city to the airport to enhance the connectivity (multi connectivity options) to the airport.
- Ø Express Cargo terminal is expected to be ready shortly.
- Ø Many other small to large size projects are also underway to enhance the airport capacity on airside, terminal building and landside

Introduction of our Coordination System

Slot Coordination and Reporting (SCORE) system is being used.

Information of Kempegowda International Airport




Organization	Kempegowda International Airport
Address	Bangalore International Airport Limited, Bravo – 1, Cargo Terminal – III, Kempegowda International Airport Bengaluru, Bangalore – 560300, India
Email	slotcoordination@bialairport.com
Web site	http://www.bengaluruairport.com
Telephone	+91 - 80 - 6678 - 2125
Business Hours	08:30 - 17:30

Introduction of Schedule Facilitators

		
Sachin Sadashiv Deo Head Facilitator	Arvind Arya Facilitator	Zameer Shareef Facilitator

The Election Result of APACA

As the terms of Chair and Vice Chairs of APACA expire in June 2020, the election procedure had been initiated according to the article of APACA. The call for election was circulated to all the members of APACA on 8 April 2020 with a deadline date of 15 May for nomination. As there were three nominees for three positions of APACA Board, there was no secret ballot by e-mail. The new board of APACA is shown below and their service term will be till June 2022. Bon Voyage for New Horizon!

		
Chair	Vice Chair	Vice Chair
Petra Popovac	Jaideep Singh Thakur	Hirohiko Kawakatsu
APACA Board Members		

The Status of WASB (Worldwide Airport Slot Board)

1. Activities of WASB

While the very first meeting of WASB was supposed to be held in March in Kuala Lumpur, Malaysia, the meeting was cancelled due to COVID-19. Since the face to face meeting cannot be held anywhere in the world, WASB meetings have been conducted by Tele-conference or Video-conference. As shown below, seven meetings have already been held with a period of 2 or 3 weeks.

Date	Meeting Number	Main Topics	Achievements
02 April, 2020	WASB/1 (Tele-Conf.)	1 st Kick-Off Meeting W20 Slot Coordination WASG Edition 1 (Draft)	Set-Up of Organization
23 April, 2020	WASB/2 (Tele-Conf.)	COVID-19 Airport Slot, Capacity and Recovery	
07 May, 2020	WASB/3 (Tele-Conf.)	Slot Returns WASB Program (Working Groups)	Issuance of Best Practice of Early Slot Returns in S20
13 May, 2020	WASB/4 (Tele-Conf.)	W20 U/L Suspension	
28 May, 2020	WASB/5 (Tele-Conf.)	WASG Edition 1 W20 U/L Suspension	Approval of WASG Edition 1
04 June, 2020	WASB/6 (Tele-Conf.)	W20 U/L Suspension	
08 June, 2020	WASB/7 (Tele-Conf.)	W20 U/L Suspension	

2. WASB Member and Secretariat

The seven members from airlines, airports and coordinators representing the each region of the world were appointed as shown below.

WASB (Worldwide Airport Slot Board) Member

Affiliation	Country	Name	Organization
Airlines (IATA)	UK	Mr. Chris Carter	British Airways (BA)
	Norway	Mr. Sebastian Pelissier	Norwegian Air Shuttle (DY)
	Australia	Mr. Paul Petrykowycz	Qantas (QF)
	Japan	Mr. Takayuki Asai	All Nippon Airways (NH)
	Turkey	Ms. Billur Gokhan	Turkish Airlines (TK)
	USA	Ms. Jennifer Sayre	Delta Airlines (DL)
	Chili	Mr. Santiago Tula	LATAM (LA)

Airports (ACI)	Spain	Ms. Irene Garcia	AENA
	UK	Ms. Fiona Carleton	Heathrow Airport Ltd (LHR)
	Germany	Mr. Gunter Heinrich	Fraport AG (FRA)
	Australia	Mr. Robert Wood	Sydney Airport (SYD)
	UAE	Mr. Robert Whitehouse	Dubai Airports (DXB)
	USA	Mr. Bradley Rubinstein	Port Authority New York New Jersey (JFK)
	Brazil	Mr. Joao Pita	Sao Paulo Airport (GRU)
Coordinators (WWACG)	Austria	Mr. Wolfgang Gallistl	SCA - Austria
	France	Mr. Eric Herbane	COHOR - France
	UK	Mr. Edmond Rose	ACL - UK
	Norway	Mr. Fred Wister	SCN - Norway
	Australia	Ms. Petra Popovac	ACA - Australia
	Japan	Mr. Hiroki Takeda	JSC - Japan
	USA	Mr. Brian Meehan	FAA Runways - USA

WASB Secretariat Member

Affiliation	Country	Name	Organization
ACI	Canada	Mr. Philippe Villard	ACI World
		Ms. Sophie Riopel-Gewelt	ACI World
IATA	Switzerland	Ms. Lara Maughan	IATA
		Mr. Dimiter Zahariev	IATA
		Mr. John Middleton	IATA
WWACG	Japan	Mr. Hirohiko Kawakatsu	JSC - Japan
	Germany	Mr. Rene Maysokolua	Fluko - German
	Belgium	Mr. Didier Hocq	BSC - Belgium

3. Topics of WASB

There are so many issues WASB has to tackle urgently under the current very low operations and recovery period at airports due to COVID-19. Some of the urgent topics are shown below.

- (1) Early return of slots that airlines don't intend to operate for S20
- (2) Suspension of slot usage requirement for W20
- (3) Airport Capacity, Levels and Historics
- (4) Availability of information (Transparency)

Among those topics, the most important and urgent topic is W20 U/L Suspension. Though WASB discussed this topic at 4 consecutive meetings, the final resolution has not been reached yet by WASB members.

From the Chief Editor

First of all, I would like to express my sincere appreciation to Mr. Sachin Sadashiv Deo for his wonderful contribution. I learnt many things from this article. Second runway (open parallel) was inaugurated in December 2019 and the construction of Terminal 2 has already started. What a rapid progress!

Thanks to the lifting of State Emergency against COVID-19 in Japan, the operations of domestic flights have gradually resumed, but with very slow pace. As for the international flights, Japanese Government has not determined yet which country should be admitted first to enter into Japan. They are now assessing how well the COVID-19 is contained and controlled in each country. After sending out W20 SAL, WASB is seriously discussing how W20 U/L Waiver should be; global or regional, conditional or non-conditional, or when it should be applied. I hope the COVID-19 will be contained as soon as possible and normal operations of domestic flights and international flights will resume soon. (H.T)

