

The Coordinator's Activity Report

Season: W18

Period : 28th October 2018 – 30th March 2019

Performed by:

Slot Coordination Czech Republic

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1. Introduction

This report contains the general total data for W18 season. Time UTC.

This report refers to Vaclav Havel Airport Prague.

It is Level 3 airport, IATA/ICAO: PRG/LKPR

The coordination software used: **Score, ver. 6.10.8.61** and since January 2019 **ver. 6.11.9.4**

The online coordination is in use.

The coordination process is conducted in full compliance with EU Reg. 95/93, 793/2004, IATA Worldwide Scheduling Guidelines, IATA Standard Schedules Information Manual and Czech Law, which says that Slot Coordination Czech Republic is delegated to achieve of Coordination function according to decision of the Civil Aviation Authority Czech Republic in accordance with the paragraph No.32, part 1 and 2 of Law No. 49/1997, about Civil Aviation and in accordance with Law No. 455/1991.

2. Coordination parameters

A) Reference season – W18

a) Runway

The runway system is formed by a pair of runways crossing each other approximately in the shape of a letter T. There are side runways for fast detouring in both directions of RWY 06/24.

Main RWY 06/24 measuring 3715m in length is in the direction 24 equipped for a precision approach of Category III B and in the direction 06 for the precision approach of Category I.

Secondary RWY 12/30 measuring 3250m in length is in both directions equipped for the precision approach of Category I. Operations on RWY 12/30 are significantly limited by noise restrictions.

The overall maximum hourly capacity equals to 46 aircraft movements per hour, respectively 33 arrivals and 33 departures. Upon a ten-minute coordination period, the maximum number of aircraft equals to 6 arrivals and 6 departures.

Movements on RWY from 05:00 to 20:55 UTC

10 minute-period	Arrivals	6 arrivals
	Departures	6 departures
	Total	10 movements

60 minute-period	Arrivals	33 arrivals
	Departures	33 departures
	Total	46 movements

Night noise restrictions from 21:00 to 04:55 UTC

(Number of take-offs and landings upon compliance with the stipulated noise limit of 48 movements during the night period. Solely for the aircraft types stated in the "Bonus List")

Table of counts of allowed movements in individual time periods

time/periods (UTC)		10 min.			60 min			120/240 min
from	until	arr	dep	total	arr	dep	total	total
0500	2055				33	33	46	
2100	2155							30
2200	2255							
2300	2355						6	
0000	0055	6	6	10				
0100	0155							6
0200	0255							
0300	0355							
0400	0455						6	

RWY closure (maintenance, repair and reconstruction)

No RWY closure during W18.

b) Terminal

The operation at all airport terminals is fully coordinated for the entire season in accordance with the limitations applied to flights to/from the Schengen states:

Terminal T1 – flights to/from countries outside of the Schengen area

Terminal T2 – flights to/from countries within the Schengen area

Terminal T3 – General and Business Aviation Terminal

GATES

T1: 17 GATES
T2: 26 GATES
T3: 1 GATE

Departing PAX

T1: 2000 passengers (limiting factor - passport control)
T2: 2500 passengers (limiting factor – security control)
T3: 60 passengers (limiting factors – gate, security control)

Arriving PAX

T1: 2100 passengers (limiting factor - passport control)
T2: 3500 passengers (limiting factor – baggage claim)
T3: 120 passengers (limiting factor – baggage claim)

Table of apron and terminal capacities

constraints/period			60 min.
Parking stands			54
Terminal 1 non-Schengen	gate		17
	PAX flow	arr	2100
		dep	2000
		total	4100
Terminal 2 Schengen	gate		26
	PAX flow	arr	3500
		dep	2500
		total	6000
Terminal 3 GA, BA	Parking stands		21
	gate		1
	PAX flow	arr	120
dep		60	
total		180	

c) Others

Aircraft stands

Apron North + East - 54 aircraft stands divided as follows:

- 2 stand for aircraft with wing span up to 80m
- 3 stands for aircraft with wing span up to 65m
- 4 stands for aircraft with wing span up to 52m
- 34 stands for aircraft with wing span up to 36m
- 1 stand for aircraft with wing span up to 34,5m
- 10 stands for aircraft with wing span up to 29m

Apron South GA/BA – 21 aircraft stands divided as follows:

- 2 stand for aircraft with wing span up to 36m
- 3 stands for aircraft with wing span up to 29m
- 6 stands for aircraft with wing span up to 24m
- 6 stands for aircraft with wing span up to 21,3m
- 2 stands for aircraft with wing span up to 20m
- 2 stands for aircraft with wing span up to 15m

B) Forthcoming season S19

a) Runway

Table of counts of allowed movements in individual time periods

time/periods (UTC)		10 min.			60 min			240 min
from	until	arr	dep	total	arr	dep	total	total
0400	1955				33	33	46	
0730	0930				33	33	47	
1400	1600				33	33	47	
2000	2055							
2100	2155							
2200	2255	6	6	10				34
2300	2355							
0000	0055					**)		
0100	0155					**)		
0200	0255							14
0300	0355							

****)** – no slots allocated for departures

Introduction of the Night Movement limitation:

Since S19 season, based on the decision of the State Authorities, Prague Airport implemented new Night Movement Limitation in order to reduce night noise pollution arising from the night air traffic.

The stipulated total number of all the night movements for S19 season is 7928.

Only the Air Carriers with allocated historical slots for the night time are allowed to operate within the night as a part of above stated stipulated number of night movements.

Also GA/BA flights of the local (home based) carriers are allowed to operate within the night and up to the limit of 7928 movements.

b) Terminal

constraints/period			60 min.
Parking stands			53
Terminal 1 non-Schengen	gate		18
	PAX flow	arr	2100
dep		2100	
total		4200	
Terminal 2 Schengen	gate		26
	PAX flow	arr	3500
dep		2500	
total		5600	
Terminal 3 GA, BA	Parking stands		21
	gate		1
	PAX flow	arr	120
dep		60	
total		180	

c) Others

Aircraft stands

Apron North + East - 53 aircraft stands divided as follows:

- 1 stand for aircraft with wing span up to 80m
- 4 stands for aircraft with wing span up to 65m
- 3 stands for aircraft with wing span up to 52m
- 34 stands for aircraft with wing span up to 36m
- 2 stands for aircraft with wing span up to 34,5m
- 9 stands for aircraft with wing span up to 29m

Apron South GA/BA – 22 aircraft stands divided as follows:

- 2 stand for aircraft with wing span up to 36m
- 3 stands for aircraft with wing span up to 29m
- 6 stands for aircraft with wing span up to 24m
- 6 stands for aircraft with wing span up to 21,3m
- 3 stands for aircraft with wing span up to 20m
- 2 stands for aircraft with wing span up to 15m

3. Additional Parameters

a) Curfews

Night noise restrictions for W18 (*according to AIP of the Czech Republic*)

LKPR AD 2.21 NOISE ABATEMENT PROCEDURES

2.21.1.1 *Aircraft certified in accordance with ICAO Annex 16/I, Part II, Chapter 2 or aircraft without certification in accordance with ICAO Annex 16/I, Part II*

2.21.1.1.1 *Take-offs and landings are not permitted.*

2.21.1.2 *Jet aircraft certified in accordance with ICAO Annex 16/I, Part II, Chapter 3 and propeller-driven aircraft certified in accordance with ICAO Annex 16/I, Part II, Chapter 5*

2.21.1.2.1 Take-offs and landings of aircraft with MTOW greater than 45 t except aircraft included in the list of aircraft types permitted for night operation are not permitted from 2100 to 0500 UTC.

2.21.1.2.2 Take-offs and landings of aircraft with MTOW greater than 45 t which are listed in the list of aircraft types permitted for night operation from 2100 to 0500 UTC are permitted. Each particular aircraft is obliged to comply with standards for being listed in one of noise categories from 1 to 9 in accordance with GEN 4.1.1.4. The number of planned flights is restricted by traffic regulation for night operation.

2.21.1.2.3 Take-offs and landings of aircraft with MTOW less or equal to 45 t are permitted from 2100 to 0500 UTC. Each particular aircraft is obliged to comply with standards for being listed in one of noise categories from 1 to 9 in accordance with GEN 4.1.1.4. The number of planned flights is restricted by traffic regulation for night operation.

2.21.1.2.4 Exemption for aircraft which comply with standards for being listed in one of noise categories from 1 to 9 in accordance with GEN 4.1.1.4, which are not listed in the list of aircraft permitted for night operation, can be granted only by the aerodrome operator upon the aircraft operator request. The aircraft operator shall append the documents according to GEN 4.1.1.4 to the request. The request shall be sent to address according to GEN 4.1.1.4.5.

LIST OF AIRCRAFTS PERMITTED FOR NIGHT OPERATION

(aircraft according to IATA code)

141, 142, 143, 146, 14F, 14X, 14Y, 14Z, 221, 223, 318, 319, 31N, 320, 321, 32A, 32B, 32C, 32D, 32N, 32Q, 332, 333, 339, 342, 343, 345, 346, 359, 380, 388, 717, 734, 735, 736, 738, 739, 73C, 73E, 73G, 73H, 73J, 73W, 7M7, 7M8, 7M9, 7S8, 74H, 74N, 752, 753, 75M, 75T, 75W, 763, 764, 76W, 772, 773, 77L, 77W, 783, 788, 789, AB6, AR1, AR7, AR8, ARJ, CCX (only one version over 45t MTOW), CS1, CS3, E90, E95, GJ6, SU1, SU7, SU9.

b) Allotment for PSO

– Not applicable

c) Allotment for GA/BA

As of S19 season GA/BA flights of the local (home based) carriers are allowed to operate within the night and up to the limit of the stipulated 7928 movements.

d) Local Rules

All flights operating at Praha/Vaclav Havel airport, and whatever their changes (except emergency landing, flights connected with human life saving, search and rescue flights) the slots for arrival and departure shall be requested before realization of flight from the airport coordinator.

The slot request submission

The requests for slots shall be submitted at least 24 hours before intended arrival/departure time to/from Praha/Vaclav Havel airport. In case of technical landing, technical flight, test or training flight, military or state aircraft it is possible to submit the request at least 1 hour before intended time of arrival/departure to/from Praha/Vaclav Havel airport. In case of medical flight, "General Aviation" or "Business Aviation" flight it is possible to submit the request at least 30 minutes before intended time of arrival/departure to/from Praha/Vaclav Havel airport. Time of receipt of the request message by the airport co-ordinator is determinant in these cases.

Submission of request for change of slots

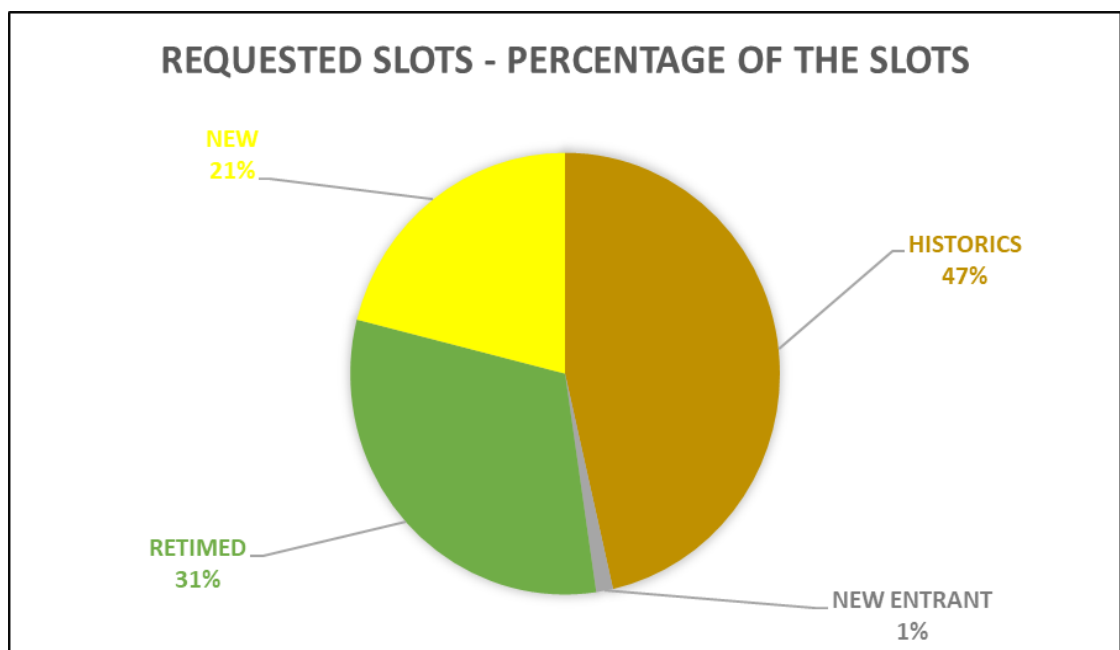
For flights for purpose of passenger transport (scheduled, complementary and planned charter flights), scheduled cargo flights and scheduled post service flights (not ad hoc flights) it is not required to request change of slot if the delay time does not exceed 120 minutes together with not exceeding 24:00 LT of the operational day.

4. Coordination process

A) Initial allocation (IA)

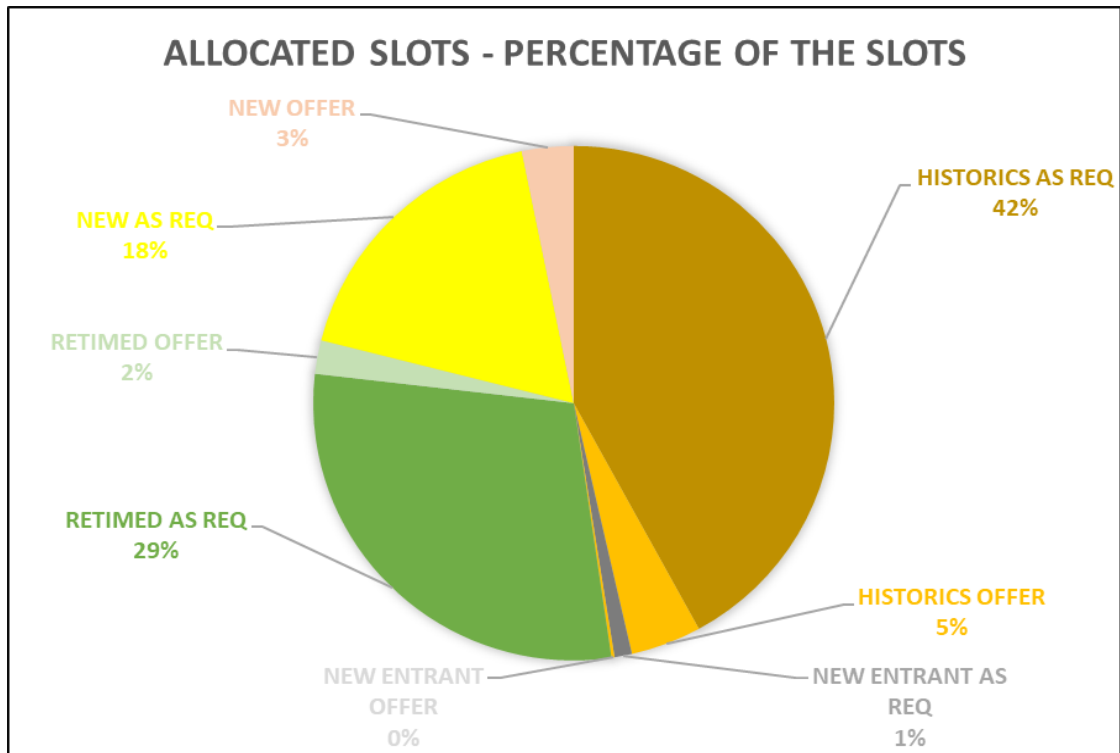
a) Requested slots

REQUESTED SLOTS	
TOTAL SLOTS	61704
HISTORICS	28640
NEW ENTRANT	784
RETIMED	19280
NEW	13000



d) Allocated slots

ALLOCATED SLOTS		
TOTAL SLOTS		61704
HISTORICS	AS REQ	25930
	OFFER	2710
NEW ENTRANT	AS REQ	667
	OFFER	117
RETIMED	AS REQ	17982
	OFFER	1298
NEW	AS REQ	11026
	OFFER	1974



The reason for not satisfying the request:

In all cases there is RWY movement's limitation that results in not satisfying the slot requests.

e) Outstanding requests

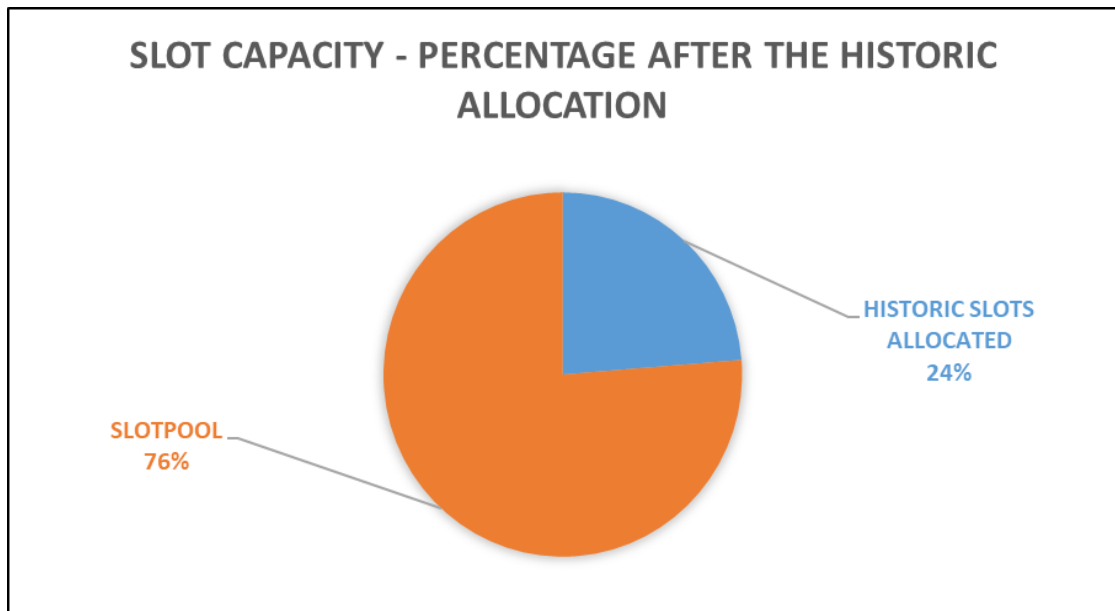
No outstanding requests for W18.

f) Slot pool

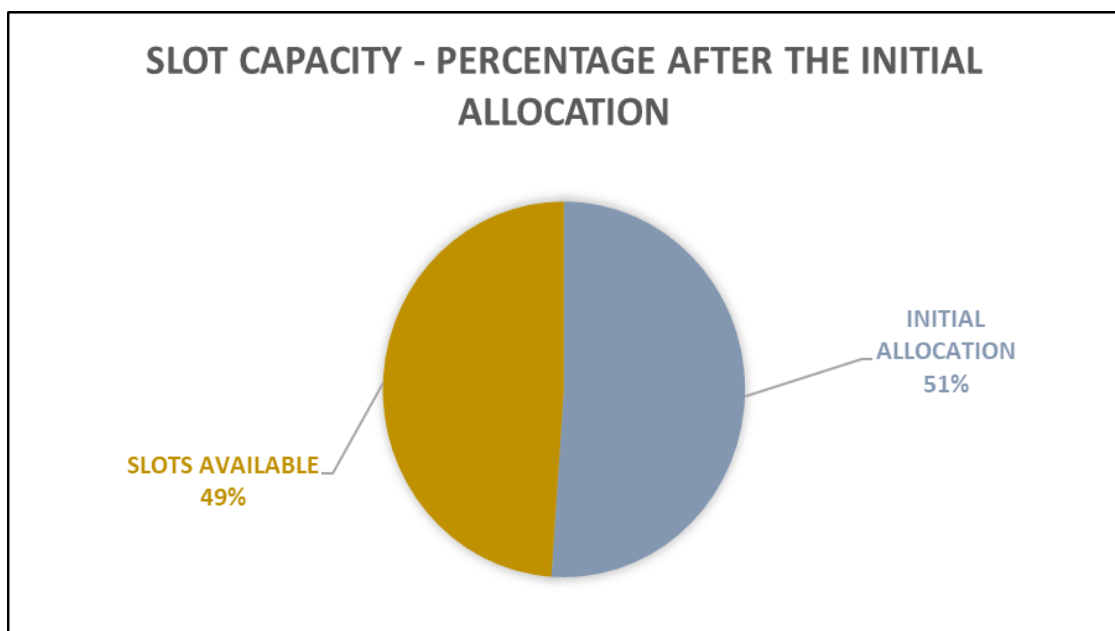
The slot capacity for W18 was calculated for total of 120736 slots available.

Only RWY movement constraint was considered for the slot capacity calculation, although there are two other limiting factors we take into account otherwise (parking stand constraint and passenger terminal constraint).

SLOT CAPACITY W18	120736
HISTORIC SLOTS ALLOCATED	28640
SLOTPOOL	92096



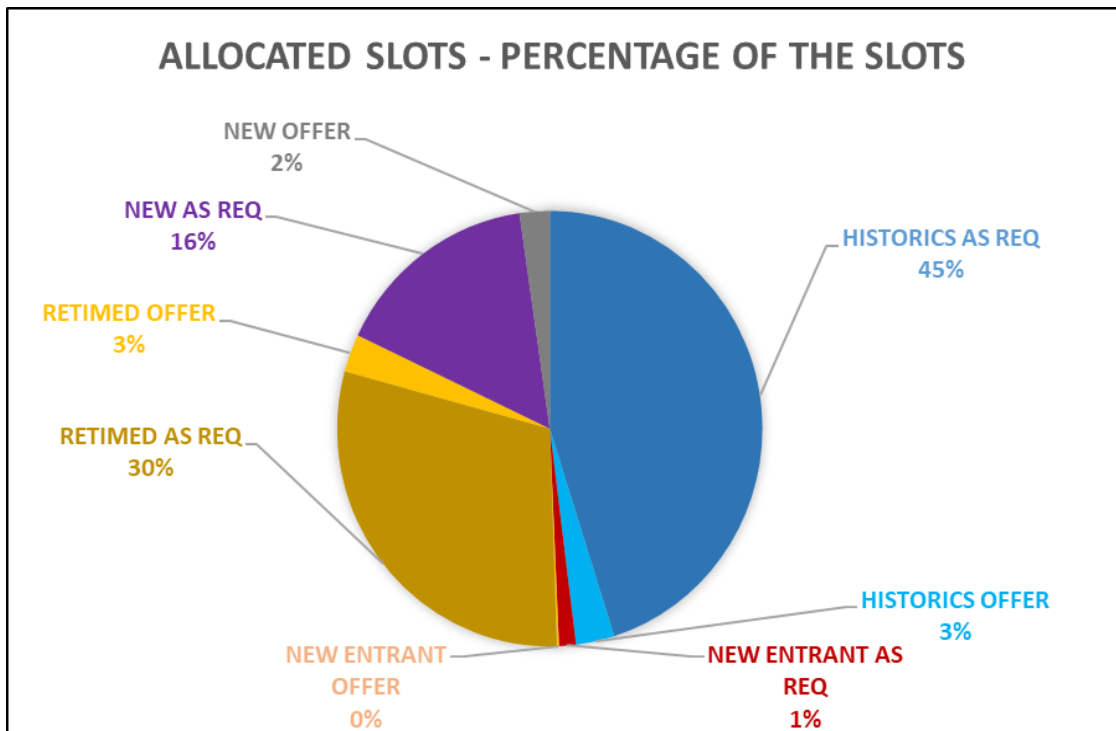
SLOT CAPACITY W18	120736
INITIAL ALLOCATION	61704
SLOTS AVAILABLE	59032



B) Slot Return Deadline (SRD)

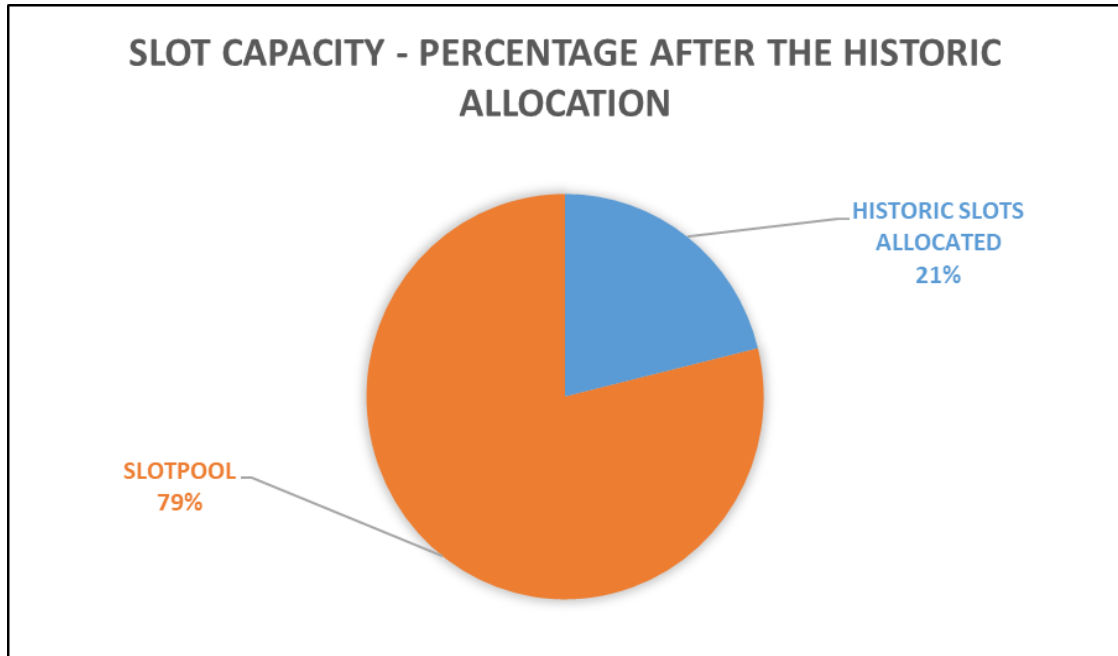
a) Allocated slots

ALLOCATED SLOTS		
TOTAL SLOTS		53201
HISTORICS	AS REQ	23994
	OFFER	1559
NEW ENTRANT	AS REQ	679
	OFFER	87
RETIMED	AS REQ	15841
	OFFER	1491
NEW	AS REQ	8334
	OFFER	1216

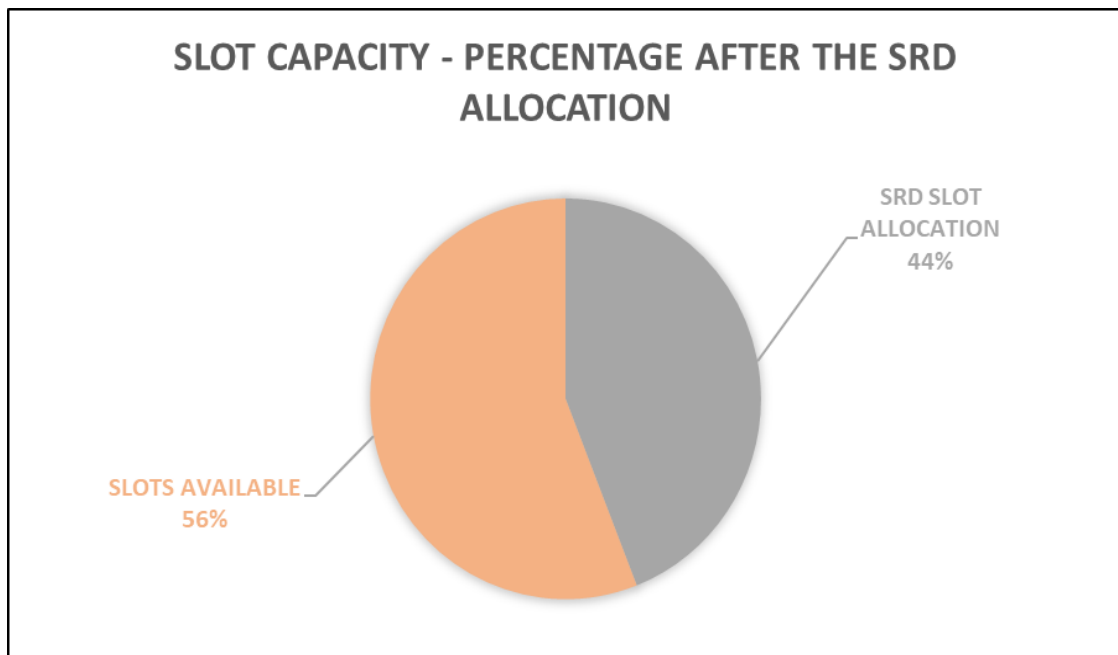


b) Slot pool

SLOT CAPACITY W18	120736
HISTORIC SLOTS ALLOCATED	25553
SLOTPOOL	95183

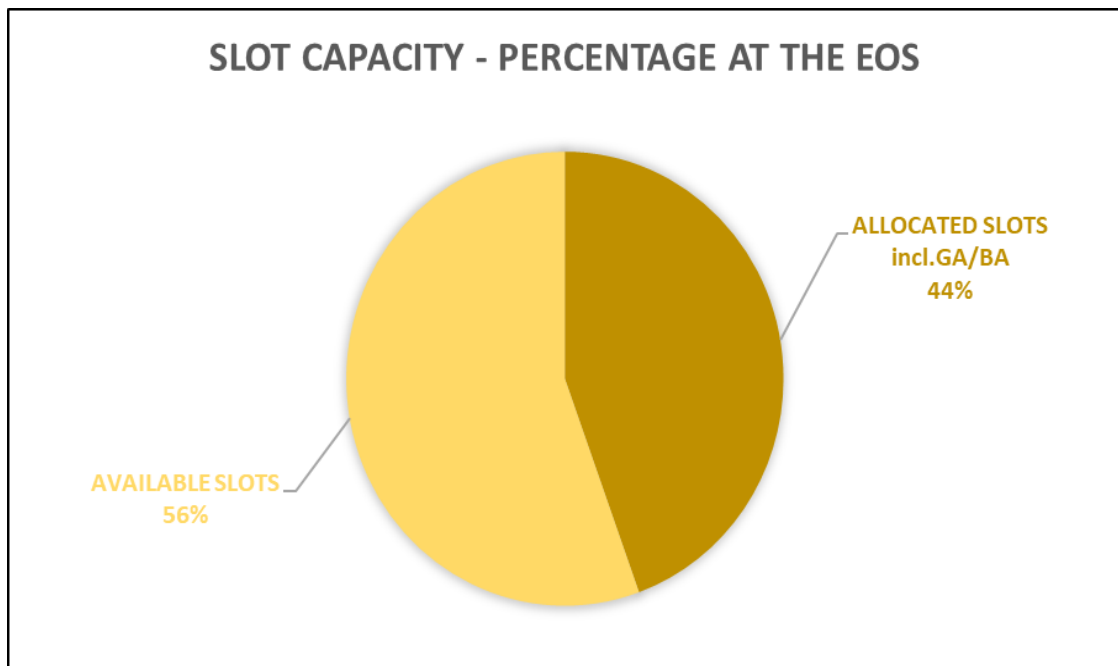


SLOT CAPACITY W18	120736
SRD SLOT ALLOCATION	53201
SLOTS AVAILABLE	67535



C) End of Season (EoS)

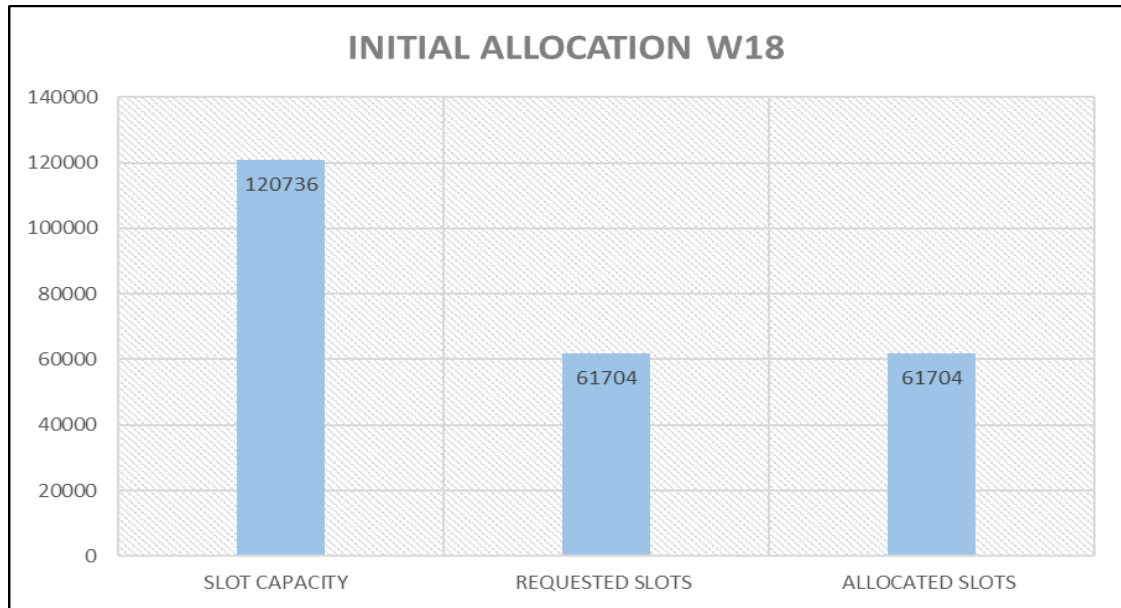
SLOT CAPACITY W18	120736
ALLOCATED SLOTS incl.GA/BA	53719
AVAILABLE SLOTS	67017



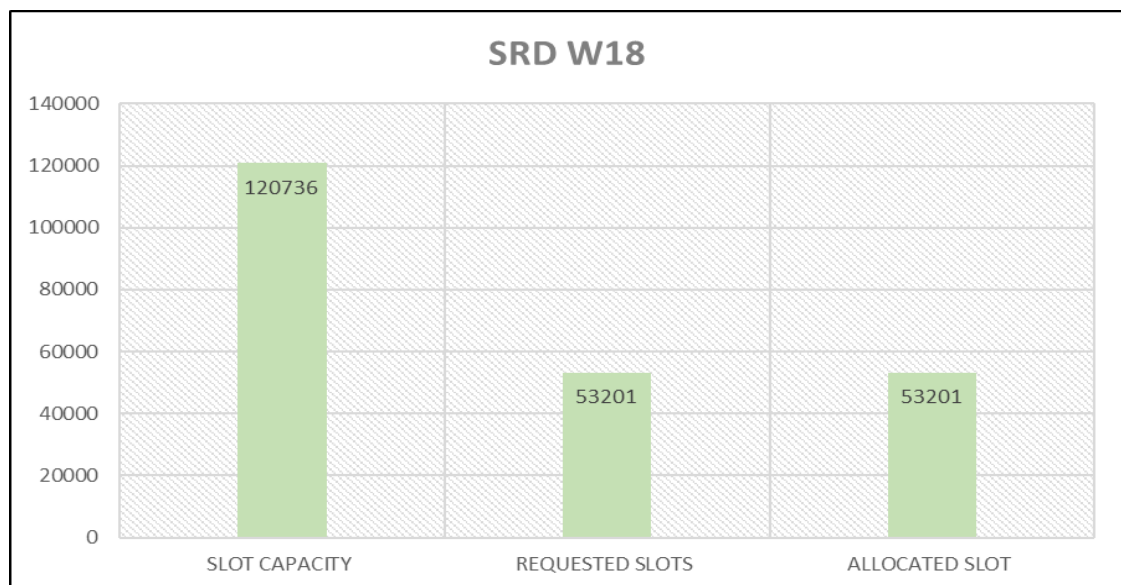
D) Graphics/ Histograms

Comparison of the Initial Allocation (IA) and Slot Return Deadline (SRD)

INITIAL ALLOCATION	W18
SLOT CAPACITY	120736
REQUESTED SLOTS	61704
ALLOCATED SLOTS	61704



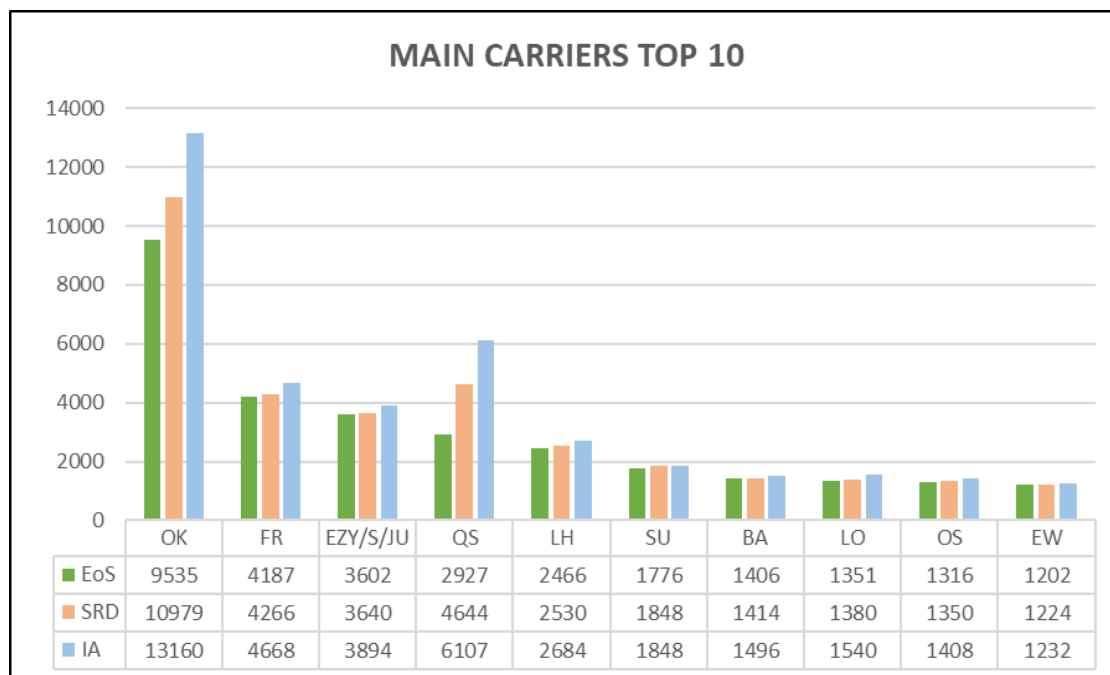
SRD	W18
SLOT CAPACITY	120736
REQUESTED SLOTS	53201
ALLOCATED SLOT	53201



Development of the main carriers

(Top 10 carriers as per the slot utilization at the EoS)

MAIN CARRIERS	EoS	SRD	IA
OK	9535	10979	13160
FR	4187	4266	4668
EZY/S/JU	3602	3640	3894
QS	2927	4644	6107
LH	2466	2530	2684
SU	1776	1848	1848
BA	1406	1414	1496
LO	1351	1380	1540
OS	1316	1350	1408
EW	1202	1224	1232



5. Slot mobility

No transfers or exchanges under Art. 10.8. were performed within W18 season.

6. Monitoring report

- a) Slot misuse - no records for W18 season.
- b) Late handback - no records for W18 season.
- c) Sanctions - no records for W18 season.
- d) Exemptions 14.1 - no records for W18 season.

Minor violation of the slot policy resulted only in warning given to the air carrier.

7. Coordination committee

The Coordination Committee has been established to advise and assist to the coordinator to carry out the following tasks in accordance with the requirements of the Law No. 49/1997 issued by the Ministry of Transport of the Czech Republic.

Its existence covers:

- examination of the possibilities to increase the currently determined capacity of the airport,
- determination of the ways of achieving a better utilisation of the capacity available,
- monitoring of the usage of the slots allocated.

The members of the Coordination Committee of the Prague Airport:

- Airline Operators Committee (AOC)
- Air Traffic Control
- Prague Airport
- Menzies Aviation Group
- Czech Airlines
- Travel Service
- ABS Jets
- Ryan Air
- Czech Airlines Handling
- Czech GH

Main topic for the meeting of the Coordination Committee was the airport capacity presentation for W18 season. Offered capacities were approved by all the members.

8. Conclusions

This report provides the requested information and statistics for Vaclav Havel Airport Prague (PRG/LKPR) for season W18. It has been created by Slot Coordination Czech Republic for the next possible usage by DG Move.

Should you require more Information, do not hesitate to contact us at:

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