

# **The Coordinator's Activity Report**

**Season: W19**

**Period : 27<sup>th</sup> October 2019 – 28<sup>th</sup> March 2020**

**Performed by:**

**Slot Coordination Czech Republic**

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## 1. Introduction

This report contains the general total data for W19 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. 6.12.0.82**

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 – W19

#### 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" Operation of aircrafts included to noise category 10-14 is not allowed!!!

**Table of counts of allowed movements in individual time periods**

time/periods (UTC)		10 min.			60 min			480 min
from	until	arr	dep	total	arr	dep	total	2100-0455
0500	2055				33	33	46	48
2100	2155							
2200	2255							
2300	2355							
0000	0055	6	6	10				
0100	0155							
0200	0255							
0300	0355							
0400	0455							

**RWY closure (maintenance, repair and reconstruction)**

12Oct 2019 – 22Nov 2019 – RWY 12/30 closure due to TWY L reconstruction.  
 15Feb 2020 – 15May 2020 – RWY 06 closure due to TWY reconstruction.

**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: 23 GATES  
 T2: 28 GATES  
 T3: 1 GATE

**Departing PAX**  
 T1: 2100 passengers (limiting factor - passport control)  
 T2: 2500 passengers (limiting factor – security control)  
 T3: 70 passengers (limiting factors – gate, security control)

**Arriving PAX**  
 T1: 2100 passengers (limiting factor - passport control)  
 T2: 2750 passengers (limiting factor – baggage claim)  
 T3: 120 passengers (limiting factor – baggage claim)

**Table of apron and terminal capacities**

constraints/period			60 min.
Parking stands			<b>49</b>
<b>Terminal 1</b>  non-Schengen	gate		<b>23</b>
	PAX flow	arr	<b>2100</b>
		dep	<b>2100</b>
		total	<b>4200</b>
<b>Terminal 2</b>  Schengen	gate		<b>28</b>
	PAX flow	arr	<b>2750</b>
		dep	<b>2500</b>
		total	<b>5250</b>
<b>Terminal 3</b>  GA, BA	Parking stands		<b>21</b>
	gate		<b>1</b>
	PAX flow	arr	<b>120</b>
		dep	<b>70</b>
total		<b>190</b>	

**c) Others**

**Aircraft stands**

**Apron North + East - 49 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
- 1 stands for aircraft with wing span up to 51m
- 31 stands for aircraft with wing span up to 36m
- 2 stand for aircraft with wing span up to 34,5m
- 7 stands for aircraft with wing span up to 29m

**Apron South GA/BA – 19 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
- 3 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

## B) Forthcoming season S20

### a) Runway

**Table of counts of allowed movements in individual time periods**

time/periods (UTC)		10 min.			60 min			2000-0355UTC
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				
2300	2355							
0000	0055					0		48
0100	0155					0		
0200	0255							
0300	0355							

*No slots allocated for any departures from 0000UTC to 0155UTC.*

#### **The Night Movement limitation:**

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 S20 season is 7803.**

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. GA/BA flights of the local (home based) carriers are allowed to operate within the night and up to the limit of 7803 movements.

**b) Terminal**

constraints/period			60 min.
Parking stands			54
Terminal 1  non-Schengen	gate		22
	PAX flow	ARR	2000
		DEP	2000
		total	4000
Terminal 2  Schengen	gate		28
	PAX flow	ARR	3500
		DEP	2500
		total	5600
Terminal 3  GA, BA	Parking stands		21
	gate		1
	PAX flow	ARR	120
DEP		70	
total		190	

**c) Others**

**Aircraft stands**

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

- 1 stand for aircraft with wing span up to 80m
- 6 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
- 7 stands for aircraft with wing span up to 29m



**Apron South GA/BA – 19 aircraft stands divided as follows:**

- 2 stand for aircraft with wing span up to 36m
- 1 stands for aircraft with wing span up to 29m
- 5 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 W19 (*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**

GA/BA flights of the local (home based) carriers are allowed to operate within the night and up to the limit of the stipulated 7803 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**

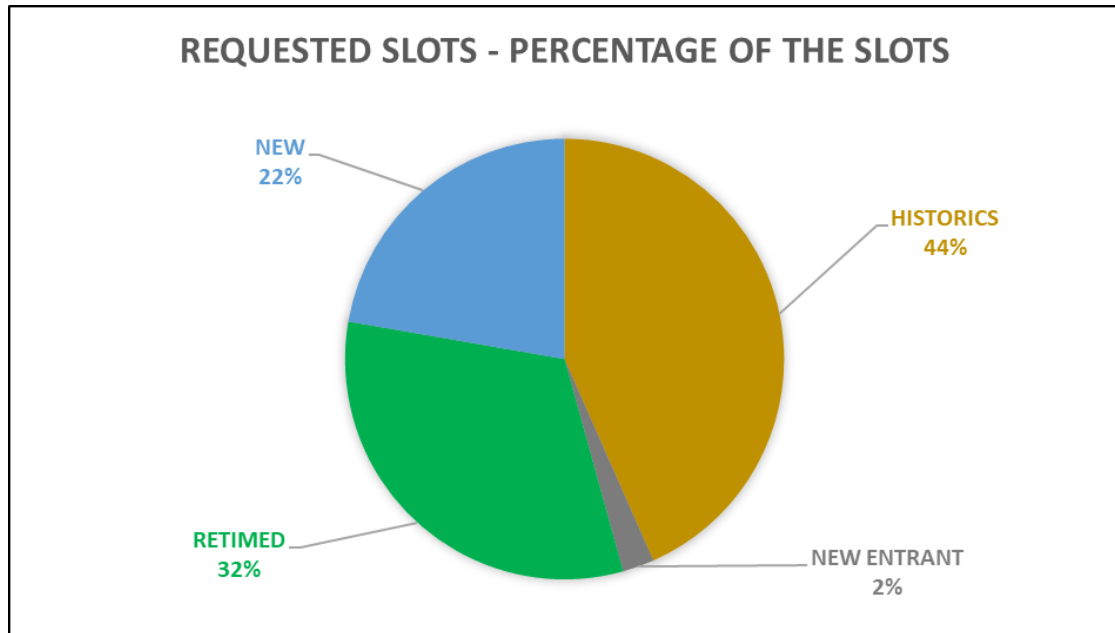
For flights for purpose of passenger transport (scheduled, complementary and planned charter flights), scheduled cargo flights and scheduled post service flights (not ad hoc flights) it is not required to request change of slot if the delay time does not exceed 120 minutes together with not exceeding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

## 4. Coordination process

### A) Initial allocation (IA)

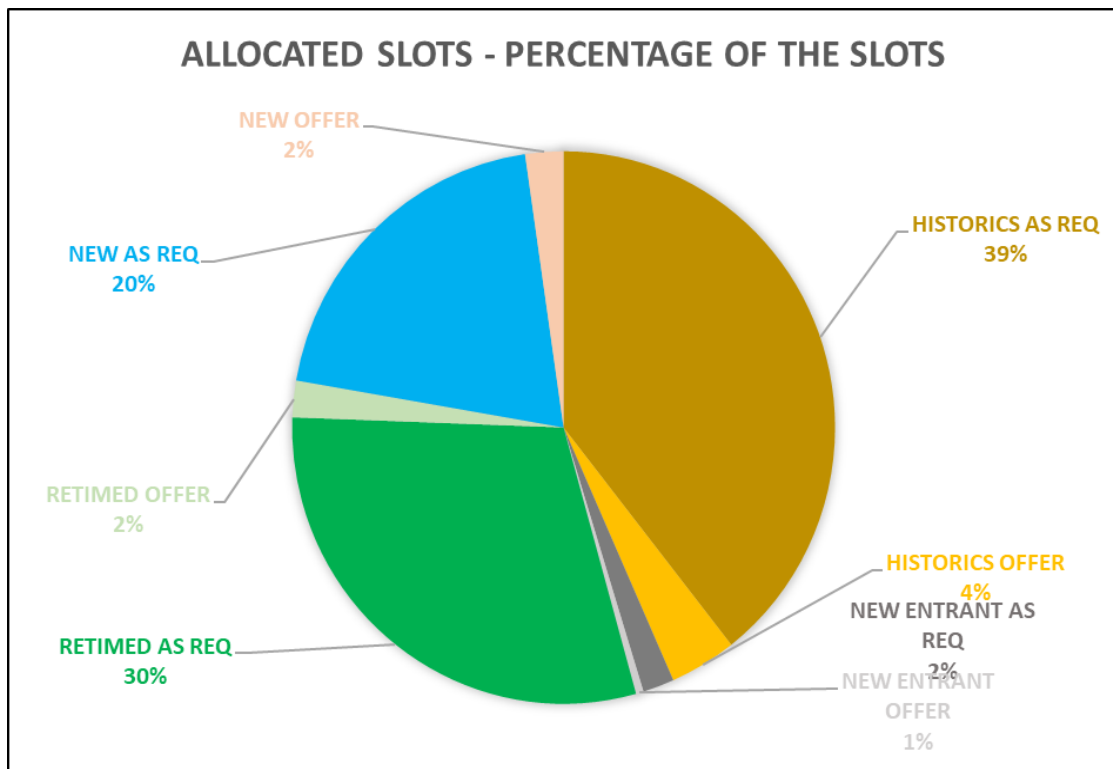
#### a) Requested slots

REQUESTED SLOTS	
TOTAL SLOTS	59704
HISTORICS	25897
NEW ENTRANT	1388
RETIMED	19121
NEW	13298



**d) Allocated slots**

ALLOCATED SLOTS		
TOTAL SLOTS		59704
HISTORICS	AS REQ	23524
	OFFER	2373
NEW ENTRANT	AS REQ	1115
	OFFER	273
RETIMED	AS REQ	17847
	OFFER	1274
NEW	AS REQ	11942
	OFFER	1356



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**

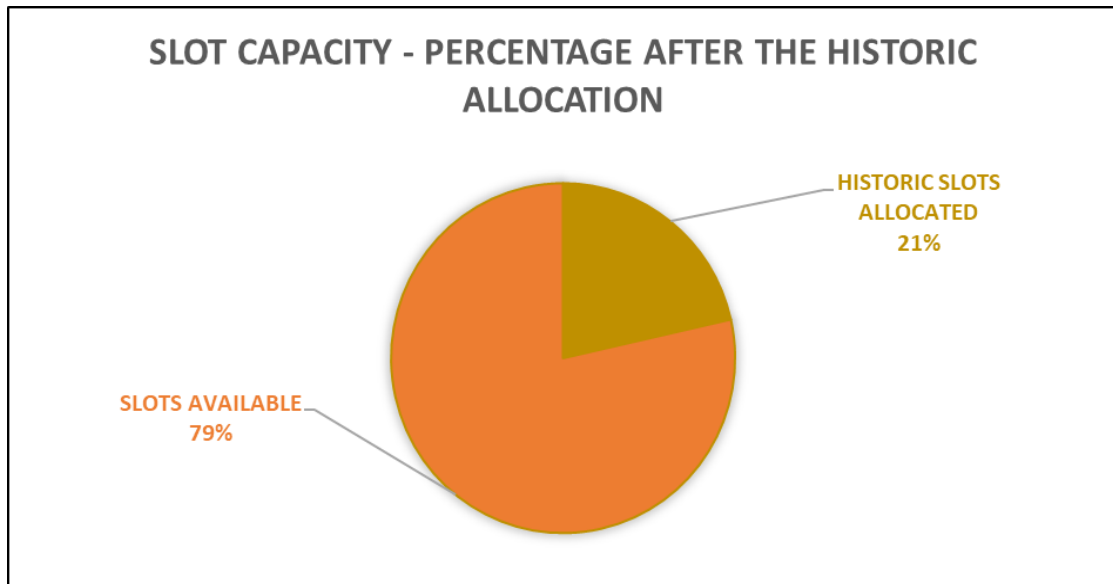
No outstanding requests for W19.

**f) Slot pool**

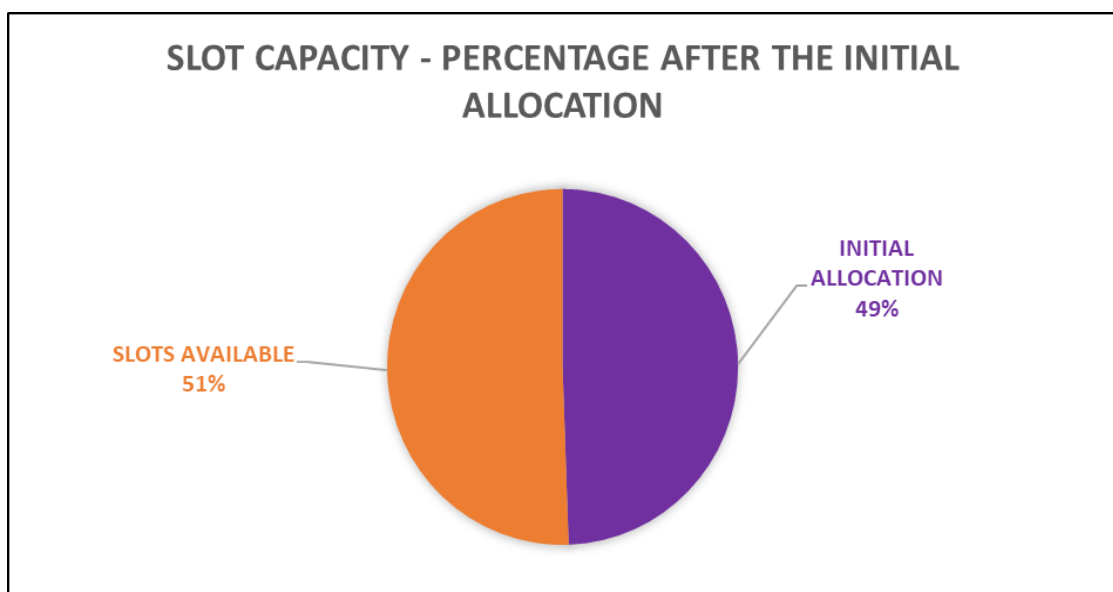
The slot capacity for W19 was calculated for total of 120736 slots available.

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).

<b>SLOT CAPACITY W19</b>	<b>120736</b>
<b>HISTORIC SLOTS ALLOCATED</b>	<b>25897</b>
<b>SLOTS AVAILABLE</b>	<b>94839</b>



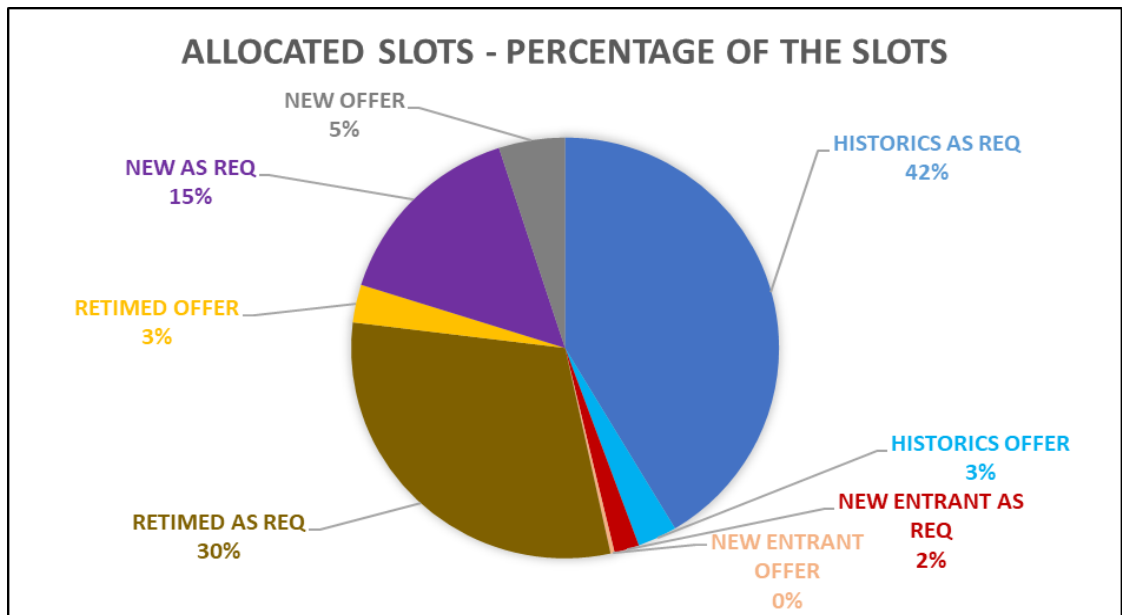
<b>SLOT CAPACITY W19</b>	<b>120736</b>
<b>INITIAL ALLOCATION</b>	<b>59704</b>
<b>SLOTS AVAILABLE</b>	<b>61032</b>



## B) Slot Return Deadline (SRD)

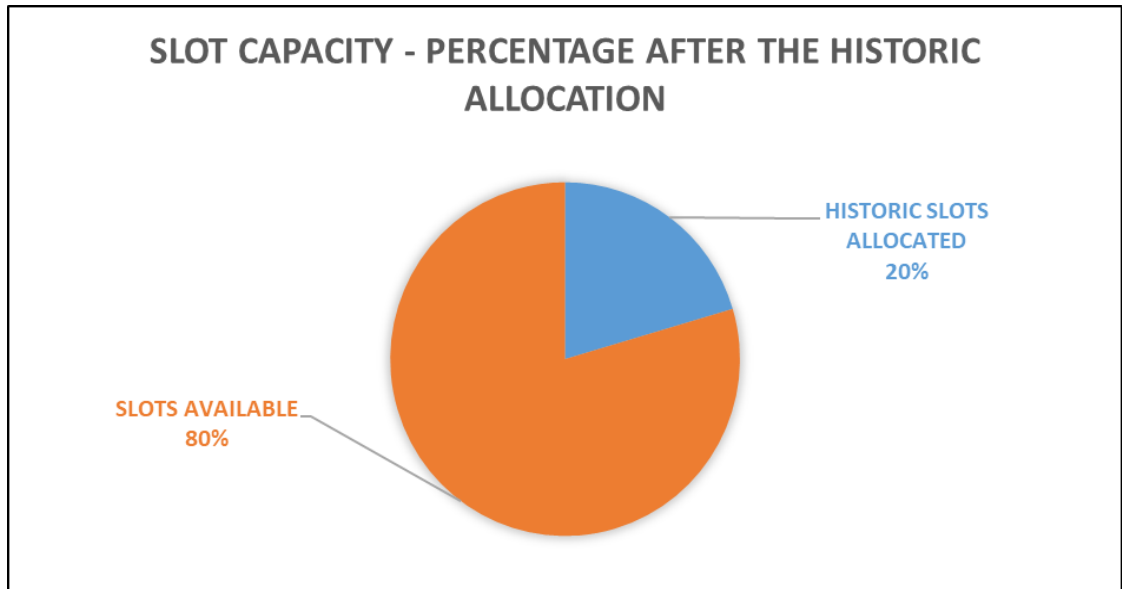
### a) Allocated slots

ALLOCATED SLOTS		
TOTAL SLOTS		55516
HISTORICS	AS REQ	22987
	OFFER	1661
NEW ENTRANT	AS REQ	1047
	OFFER	171
RETIMED	AS REQ	16852
	OFFER	1618
NEW	AS REQ	8402
	OFFER	2778

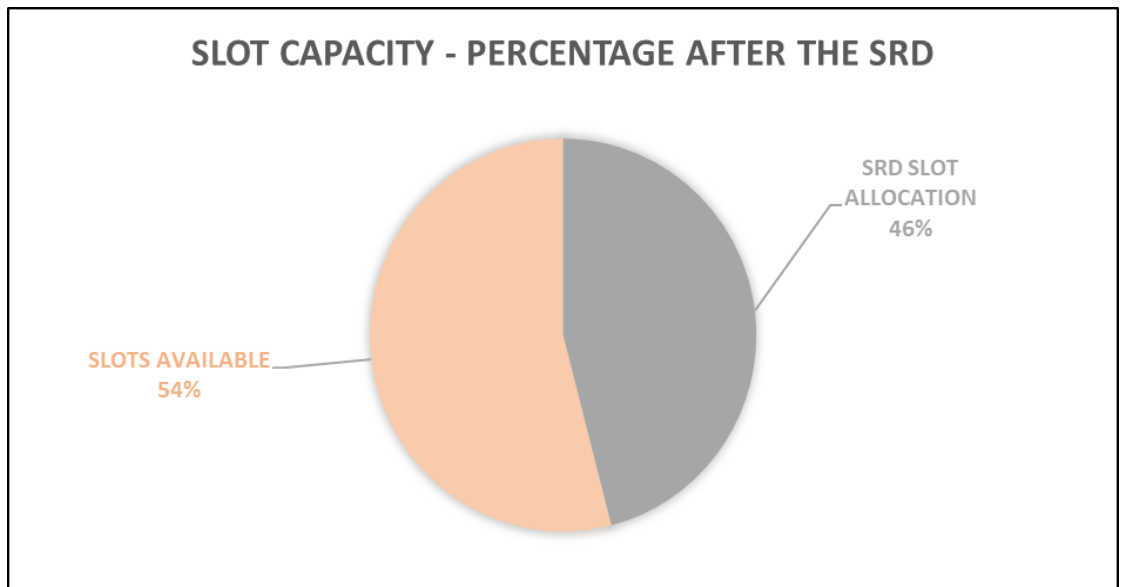


**b) Slot pool**

<b>SLOT CAPACITY W19</b>	<b>120736</b>
<b>HISTORIC SLOTS ALLOCATED</b>	<b>24648</b>
<b>SLOTS AVAILABLE</b>	<b>96088</b>

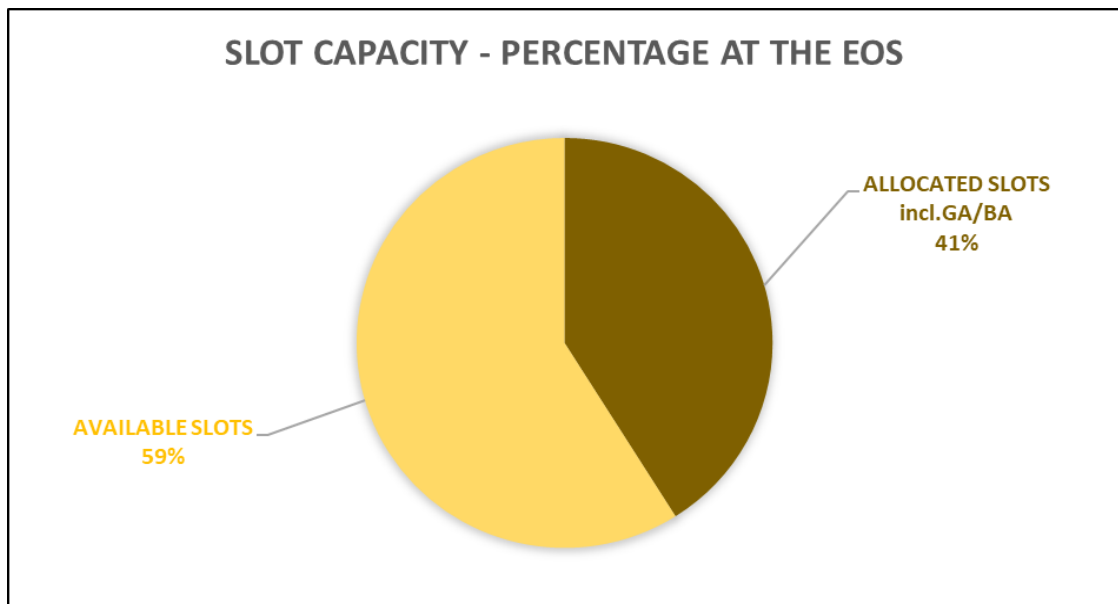


<b>SLOT CAPACITY W19</b>	<b>120736</b>
<b>SRD SLOT ALLOCATION</b>	<b>55516</b>
<b>SLOTS AVAILABLE</b>	<b>65220</b>



### C) End of Season (EoS)

<b>SLOT CAPACITY W19</b>	<b>120736</b>
<b>ALLOCATED SLOTS incl.GA/BA</b>	<b>49555</b>
<b>AVAILABLE SLOTS</b>	<b>71181</b>



#### **COVID-19 PANDEMIC**

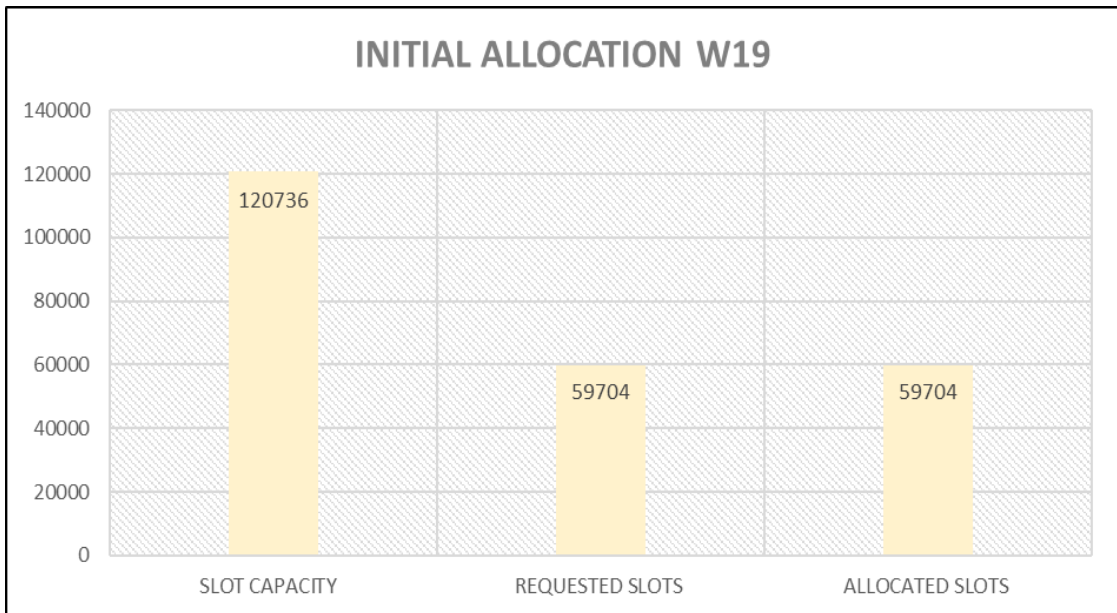
The end of W19 season was affected by the worldwide COVID-19 pandemic, which also had a significant impact to the operation at PRG/LKPR airport. As of 16th March 2020 a complete state lockdown was ordered by the Government. Only humanitarian and repatriation flights were performed.



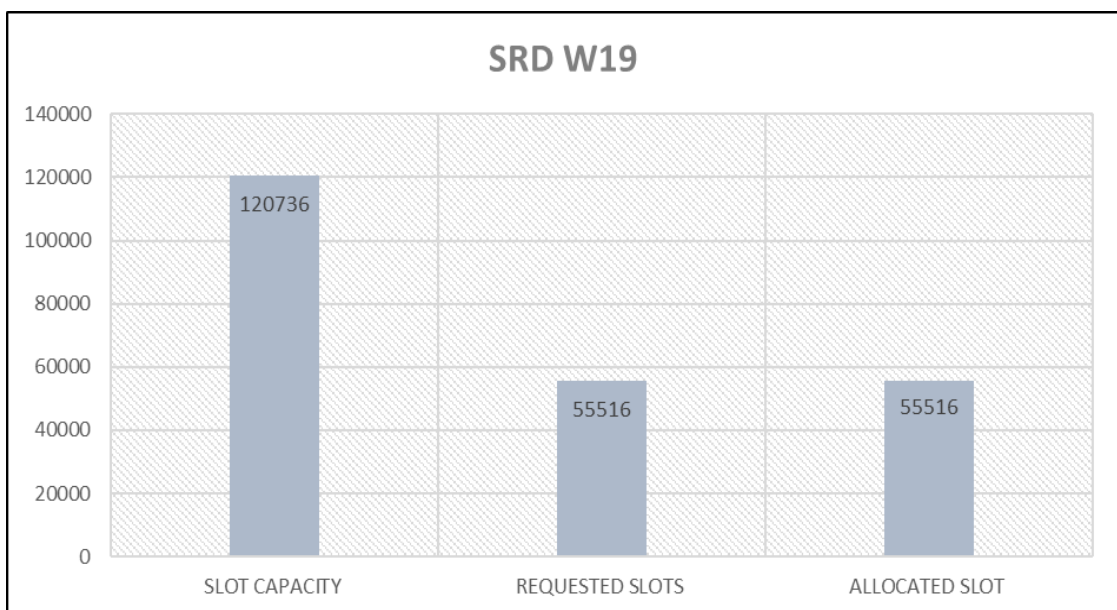
## D) Graphics/ Histograms

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

<b>INITIAL ALLOCATION</b>	<b>W19</b>
SLOT CAPACITY	120736
REQUESTED SLOTS	59704
ALLOCATED SLOTS	59704



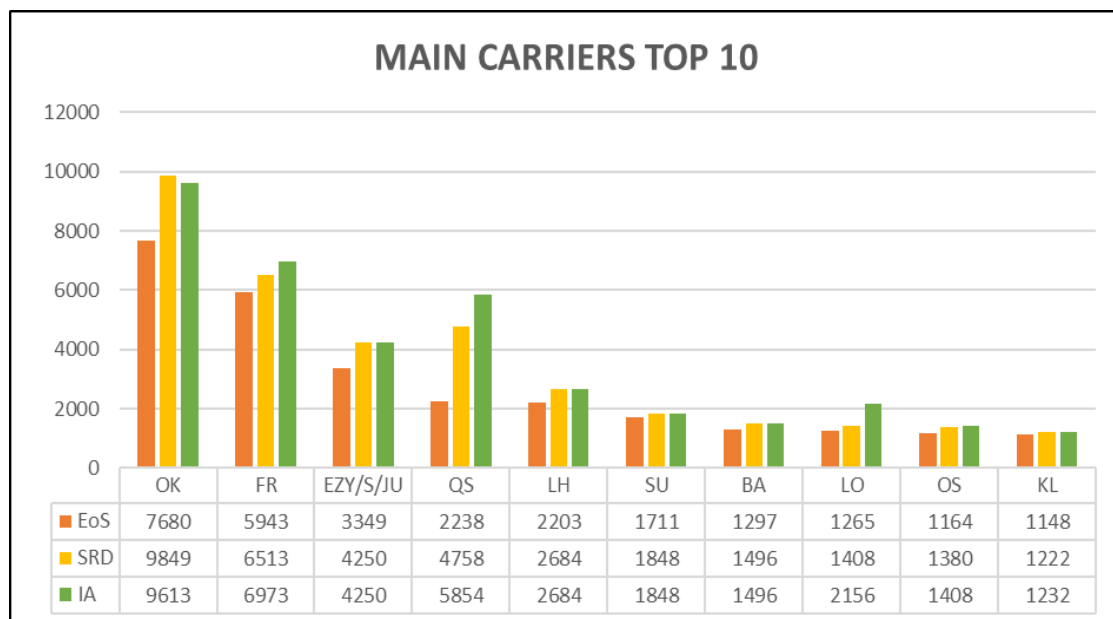
<b>SRD</b>	<b>W19</b>
SLOT CAPACITY	120736
REQUESTED SLOTS	55516
ALLOCATED SLOT	55516



## Development of the main carriers

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

MAIN CARRIERS	EoS	SRD	IA
OK	7680	9849	9613
FR	5943	6513	6973
EZY/S/JU	3349	4250	4250
QS	2238	4758	5854
LH	2203	2684	2684
SU	1711	1848	1848
BA	1297	1496	1496
LO	1265	1408	2156
OS	1164	1380	1408
KL	1148	1222	1232



## 5. Slot mobility

No transfers or exchanges under Art. 10.8. were performed within W19 season.

## 6. Monitoring report

- a) **Slot misuse** - no records for W19 season.
- b) **Late handback** - no records for W19 season.
- c) **Sanctions** - no records for W19 season.
- d) **Exemptions 14.1** - no records for W19 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
- Civil Aviation Dept. (as observer)
- Civil Aviation Authority (as observer)

Main topic for the meeting of the Coordination Committee was the airport capacity presentation for W19 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 W19. 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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