

# Gatwick Airport (LGW)

Summer 2020 (S20)



## Start of Season Report

Report Date: Fri 27-Mar-2020

### Headlines

	S20 Start	vs. S19 Start	vs. S19 End
Total Air Transport Movements (Passenger & Freight)	185476	▲ 0.9%	▲ 4.0%
Total Passenger Air Transport Movements	185476	▲ 0.9%	▲ 4.1%
Total Passenger Air Transport Movement Seats	36499564	▲ 0.9%	▲ 6.9%
Average Seats per Passenger Air Transport Movement	196.79	▼ -0.1%	▲ 2.7%
Percentage of allocated slots cleared as requested (OK)	95%		

### Contents

Page	Content
2	Runway Scheduling Limits
3	Coordinator's Report
4	Full Season - ATM Analysis
5	Full Season - PATM Seats Analysis
6	Full Season - Terminal Analysis
7	Full Season - Aircraft Size Analysis
8	Full Season - Seasonality
9	Peak Week - Hourly Runway Demand
10	Peak Week - Hourly Runway Allocation
11	Peak Week - Hourly Runway Allocation Comparison (S20 Start vs. S19 Start)
12	Peak Week - Hourly Runway Allocation Comparison (S20 Start vs. S19 End)
13	Glossary

S19 scheduling season runs from Sun 31-Mar-2019 to Sat 26-Oct-2019 (210 days).

S20 scheduling season runs from Sun 29-Mar-2020 to Sat 24-Oct-2020 (210 days).

### Disclaimer

No warranty whether expressed or implied as to the completeness, accuracy, fitness for purpose, or satisfactory quality is given by ACL regarding the information in this report, which is provided by third parties. Accordingly, ACL excludes all liability with regard to such data.

The contents of this report may not be reproduced without the written consent of ACL.



# Coordinator's Report



Total demand	191,207	slots		
Total slots allocated	185,476	slots	97.00%	of total demand
Number of slots cleared OK	175,361	slots	94.55%	of total slots cleared

### Slots adjusted (not OK) due to:

RUNWAY constraints	9,199	slots	90.9%	of total slots adjusted
TERMINAL constraints	121	slots	1.2%	of total slots adjusted
STAND constraints	-	slots	0.0%	of total slots adjusted
NIGHT constraints	56	slots	0.6%	of total slots adjusted
OTHER constraints	570	slots	5.6%	of total slots adjusted
ARR/DEP TURNAROUND feasibility	169	slots	1.7%	of total slots adjusted

## Executive Summary

Please note that the Start of Season Report has been compiled with summer 2020 data taken from a Snapshot at 06March 2020.

We saw a very strong demand for slots at Gatwick at Initial Coordination that has somewhat fallen off since Handback deadline at the end of January. Number of slots allocated is roughly in-line with the summer 2019 start of season report.

## Runway Constraints

- R60 remains the most prevalent constraint at Gatwick affecting 90% of those slots that have been adjusted

## Terminal Constraints

- The demise of Thomas Cook in the end of summer 2019 season and the slots being purchased by easyJet has caused a large number of slots to move between South to North Terminal. The North Terminal is now full or close to full in the morning peak. This has also put pressure on gate availability in the North Terminal.

## Stand Constraints

No Stand Constraint issues.

## Night Constraints

- We had no capacity to allocate new slots in the night period at Gatwick, there is demand from new carriers for arrival slots early in the 0500 hour.

## Other Constraints

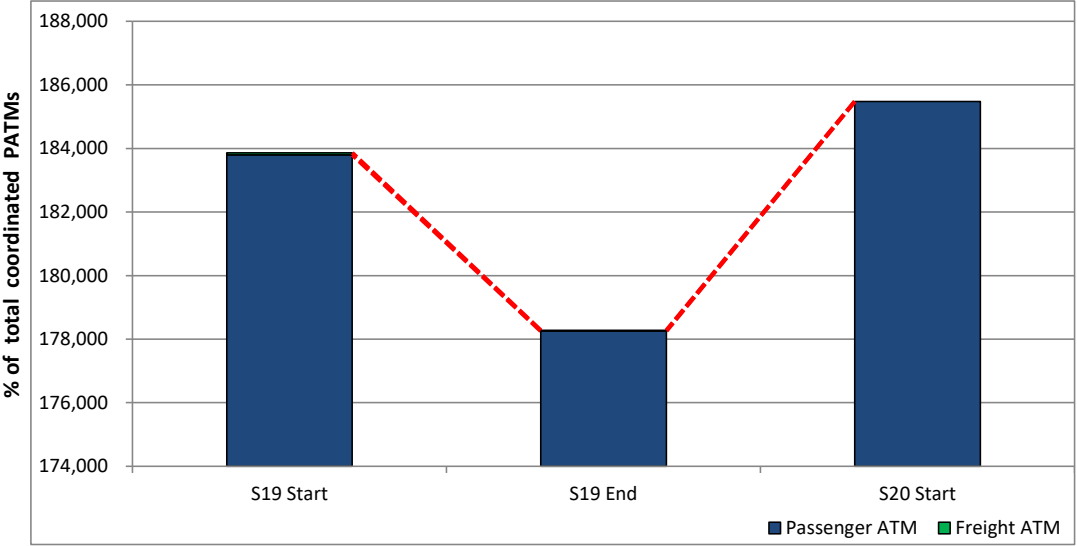
## Arr/Dep Turnaround Feasibility



# Full Season - ATM Analysis

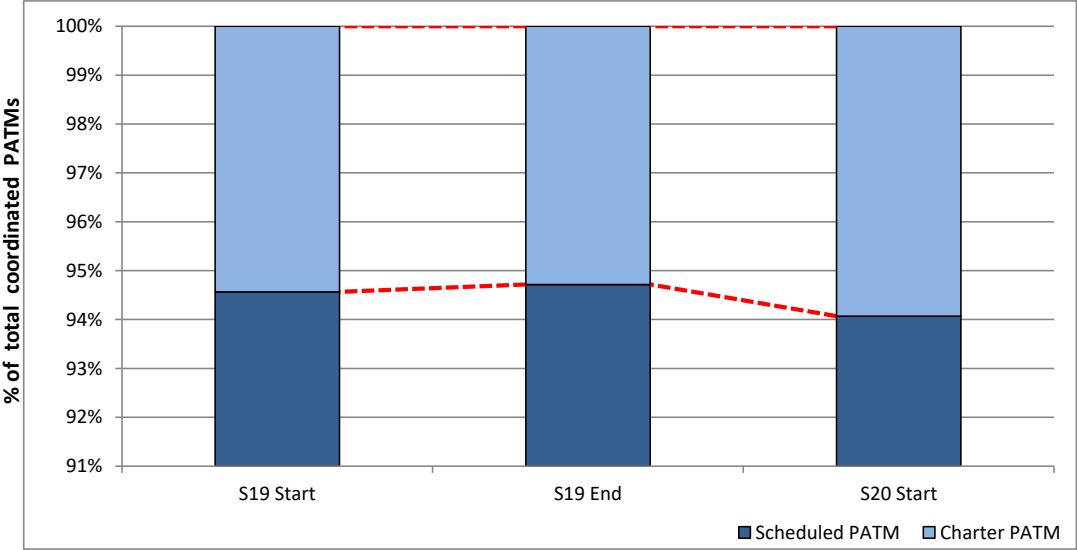


## Total ATMs: Passenger ATMs vs. Freight ATMs



Schedule Snapshot

## Passenger ATMs: Scheduled vs. Charter

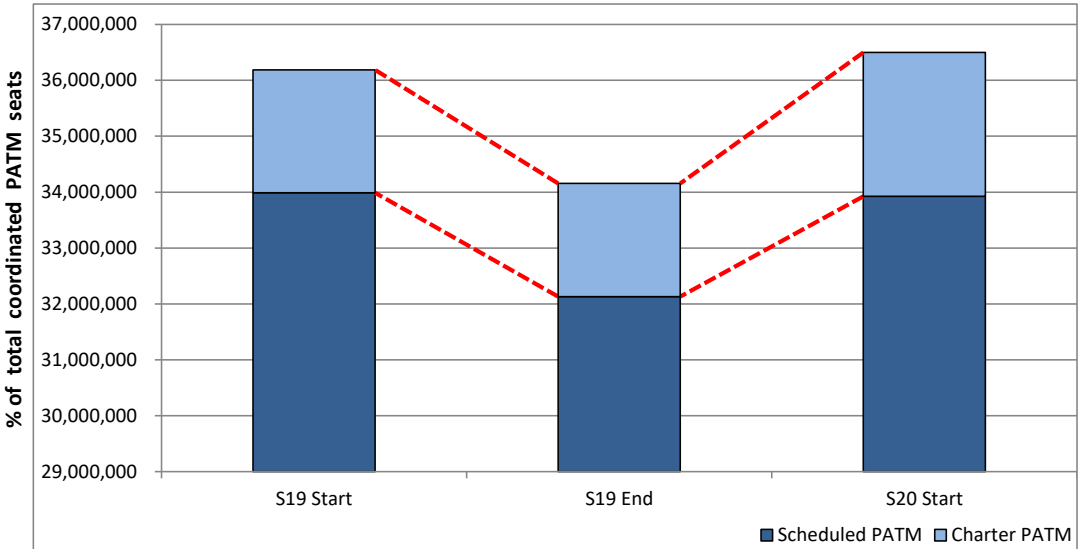


Schedule Snapshot

# Full Season - PATM Seats Analysis

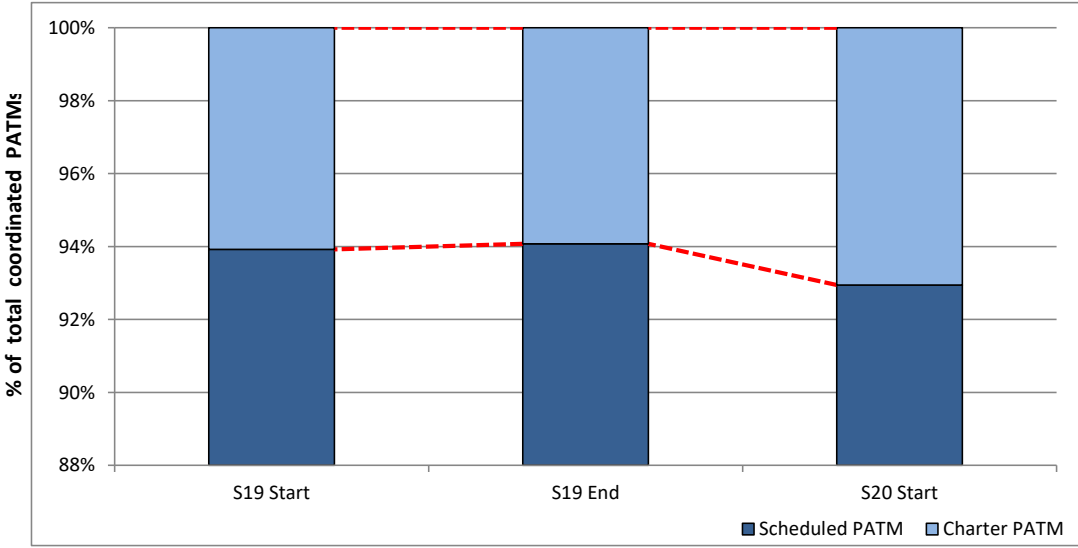


## Total Passenger ATM seats: Scheduled vs. Charter



Schedule Snapshot

## Passenger ATM seats: Scheduled vs. Charter

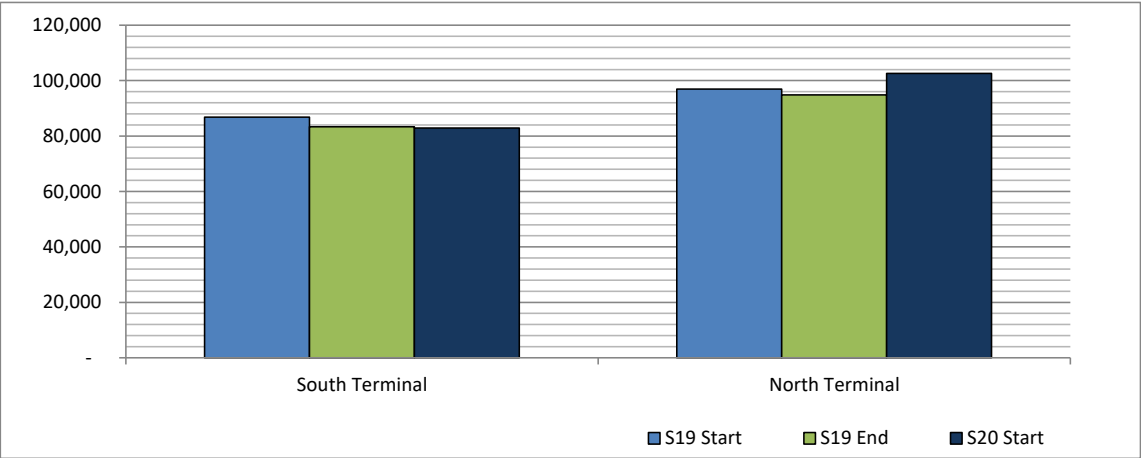


Schedule Snapshot

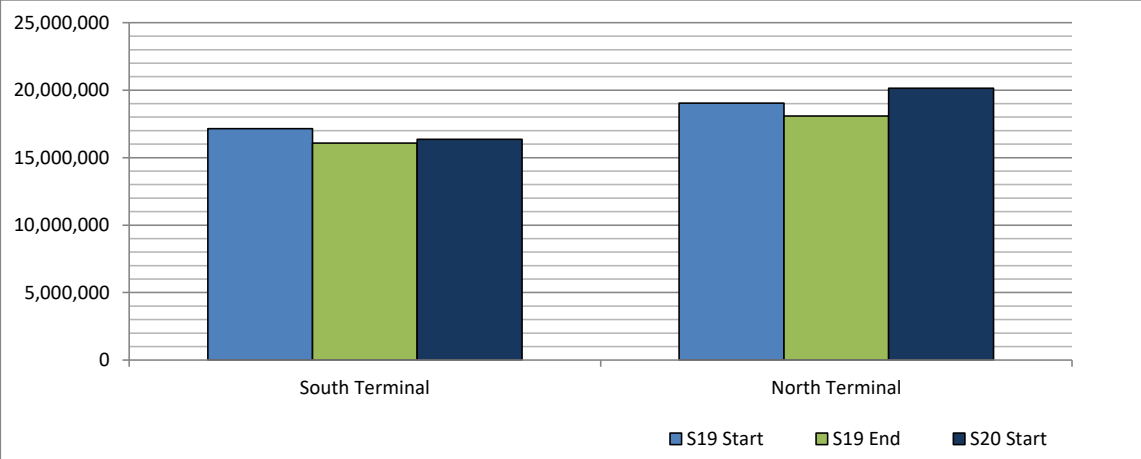
# Full Season - Terminal Analysis



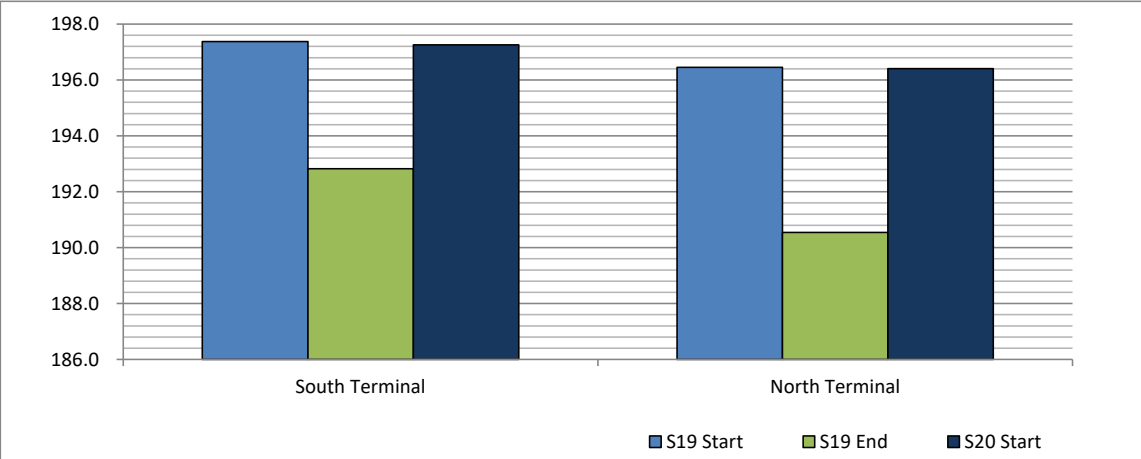
**Air Transport Movements (total allocated for season)**



**Air Transport Movement Seats (total allocated for season)**



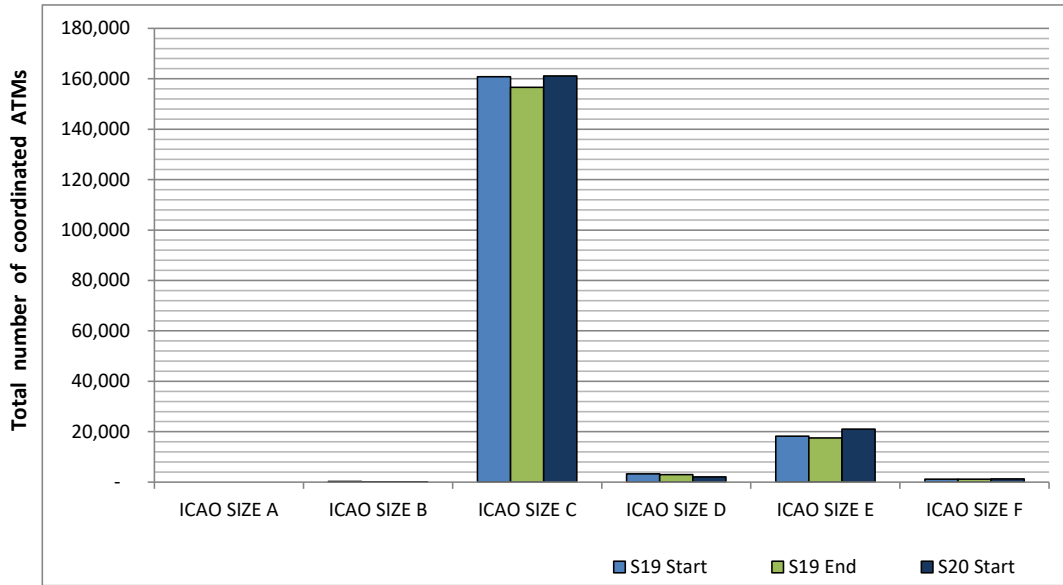
**Seats per Air Transport Movement (average for season)**



# Full Season - Aircraft Size Analysis

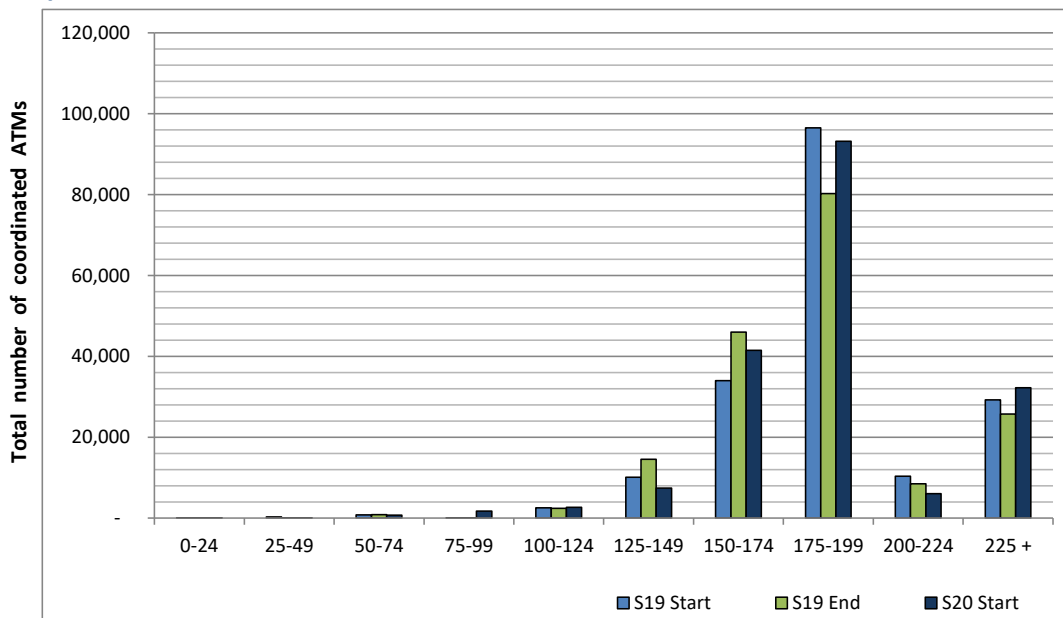


## ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

## Air Transport Movement seat distribution



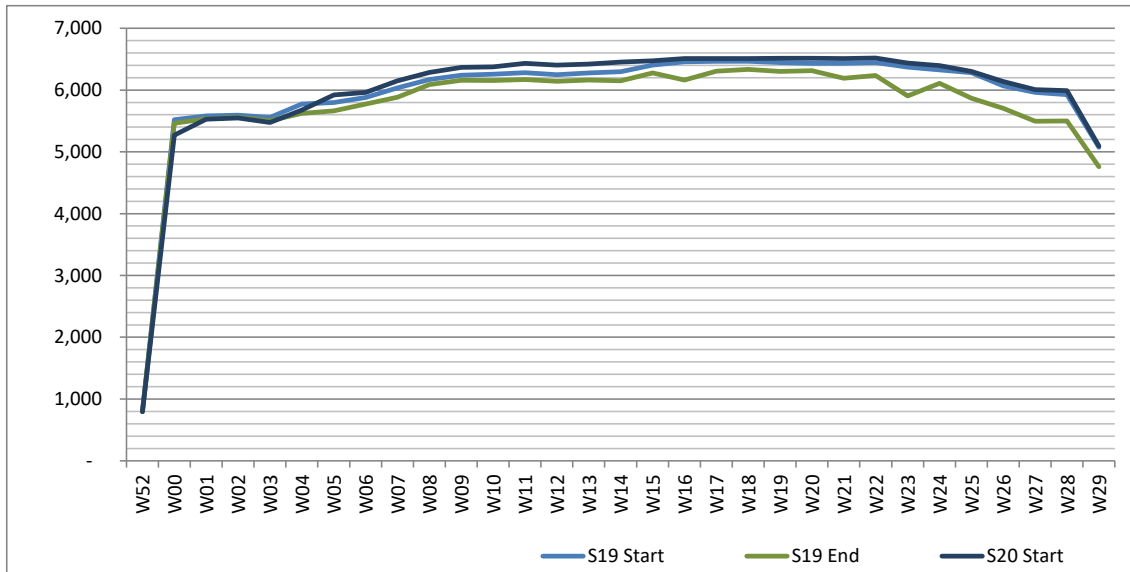
Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-24'



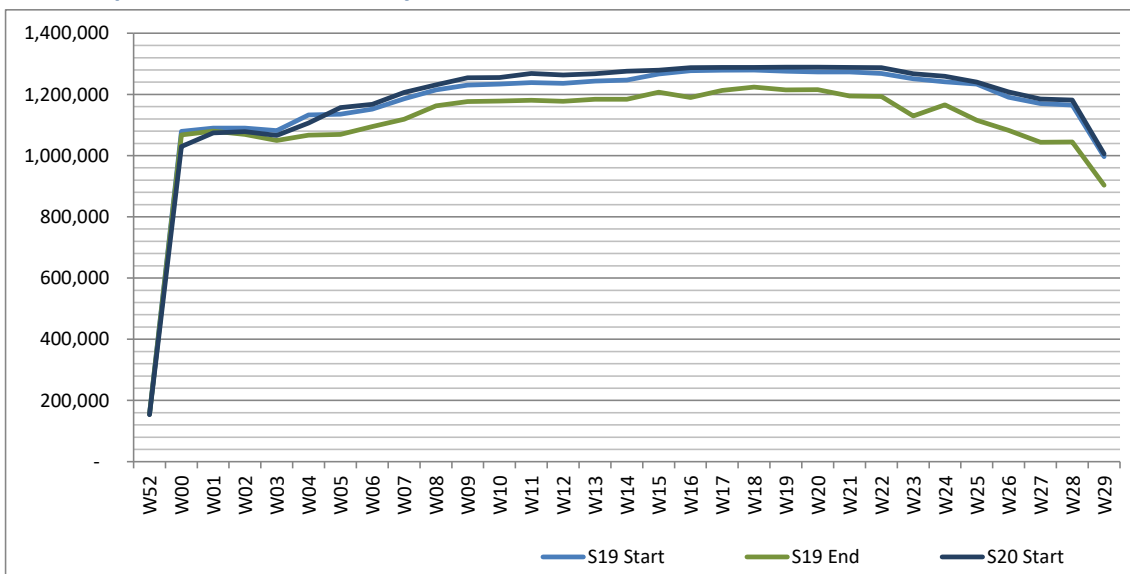
# Full Season - Seasonality



Air Transport Movements by week of season



Air Transport Movement Seats by week of season



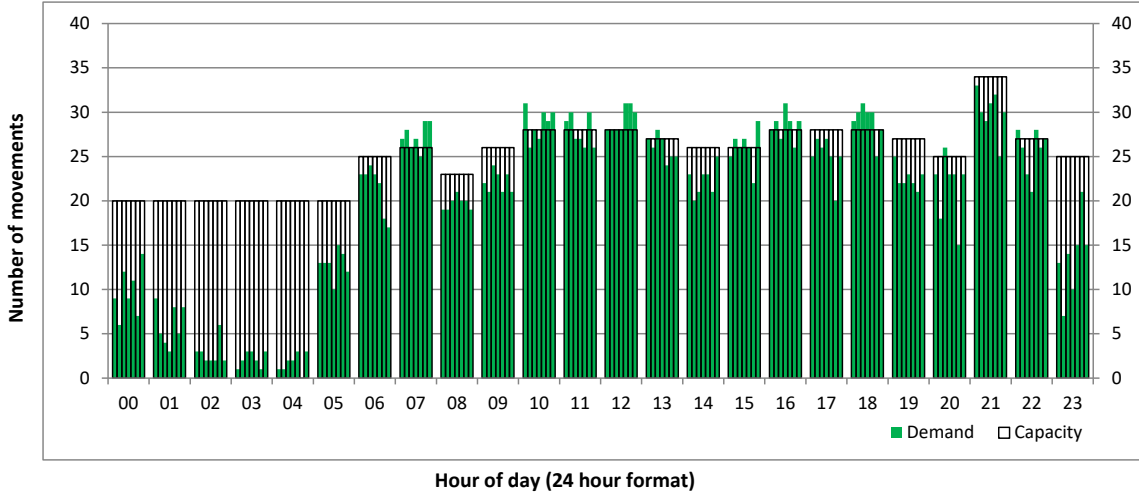
# Peak Week - Hourly Runway Demand

Schedule: S20 Start



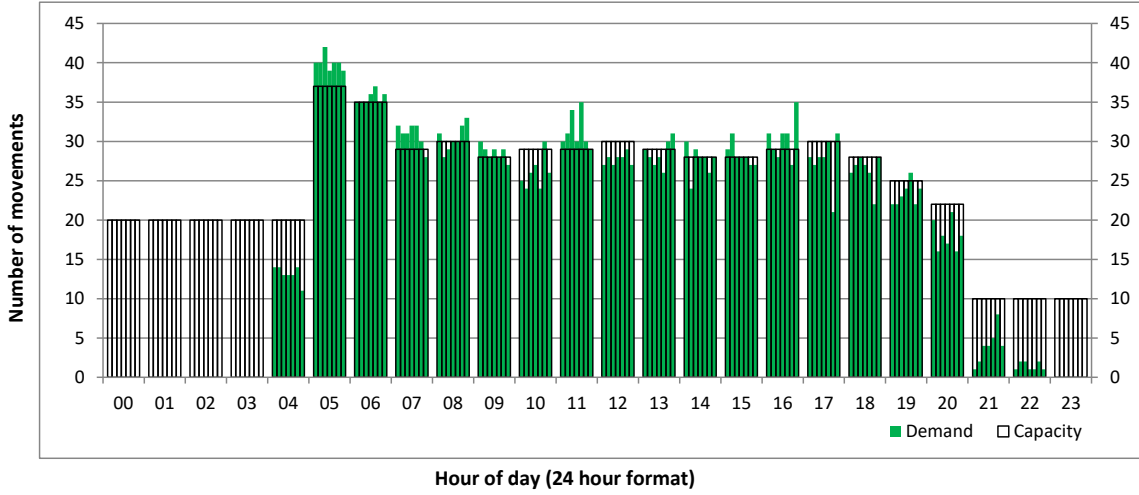
## Hourly Arrival Demand

Time: UTC



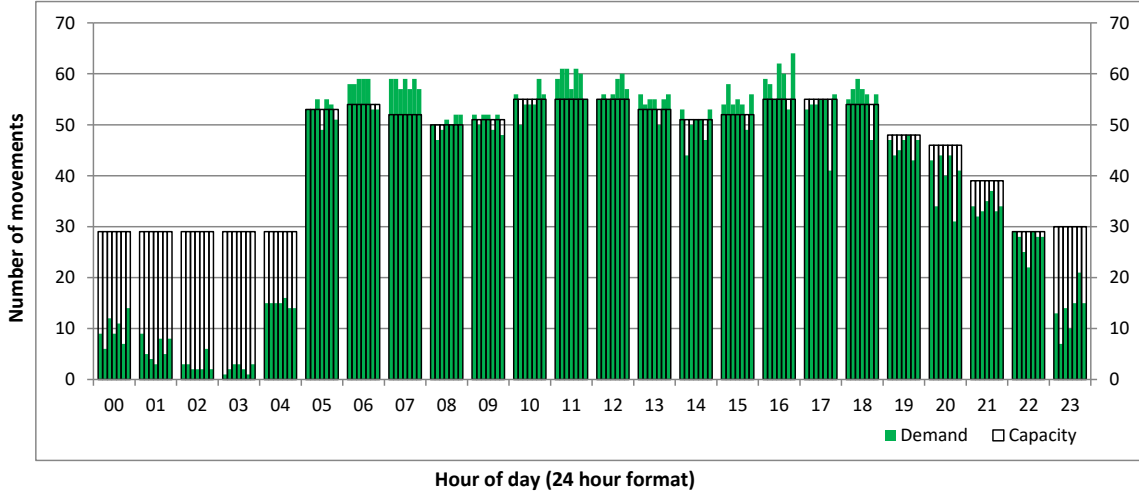
## Hourly Departure Demand

Time: UTC



## Combined Hourly Arrival & Departure (Total) Demand

Time: UTC



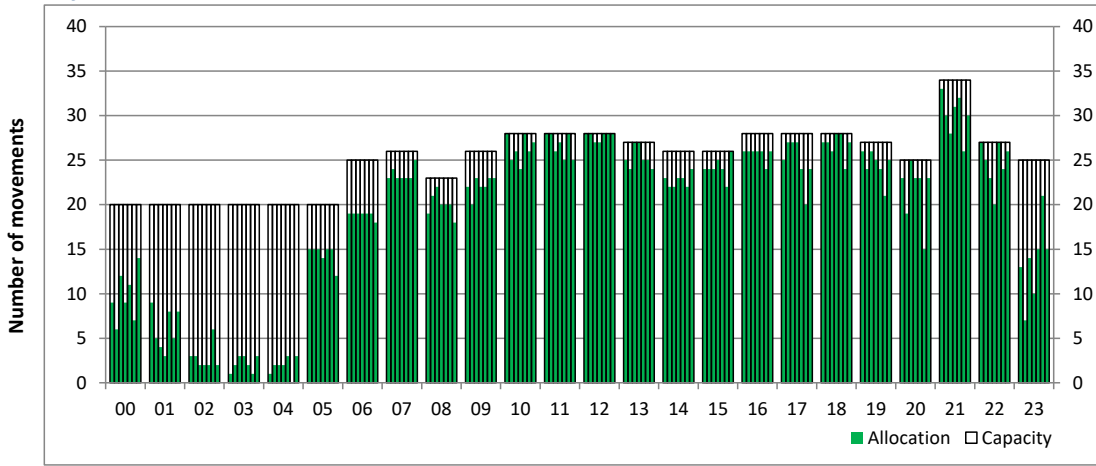
# Peak Week - Hourly Runway Allocation

Schedule: S20 Start



## Hourly Arrival Allocation

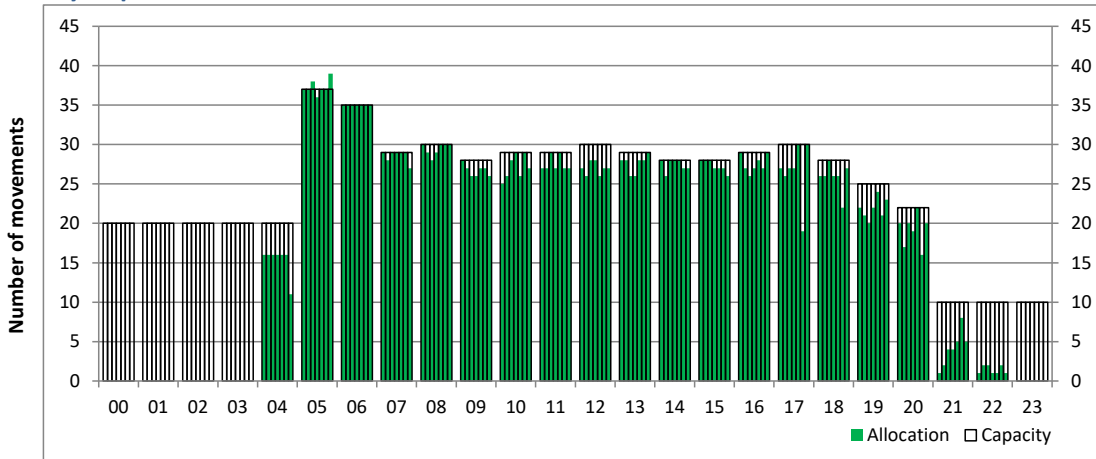
Time: UTC



Hour of day (24 hour format)

## Hourly Departure Allocation

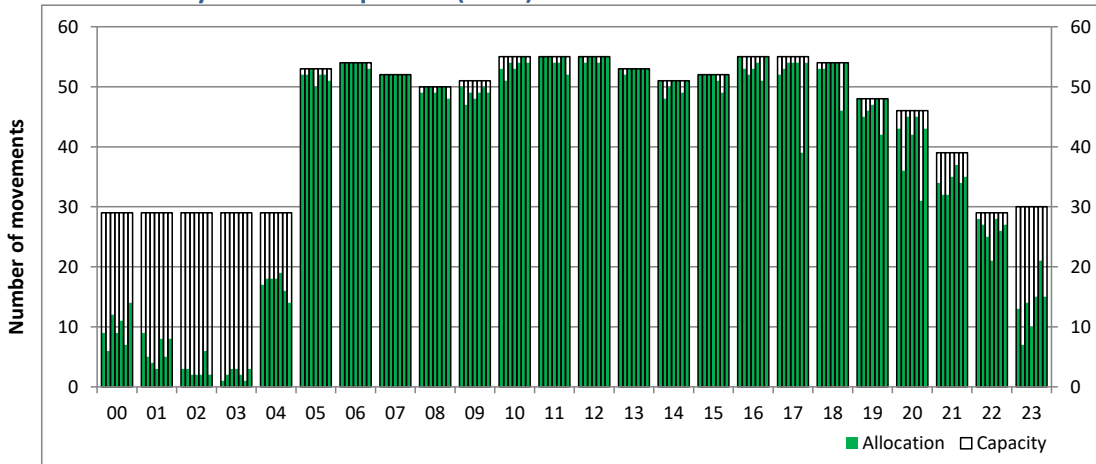
Time: UTC



Hour of day (24 hour format)

## Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



Hour of day (24 hour format)

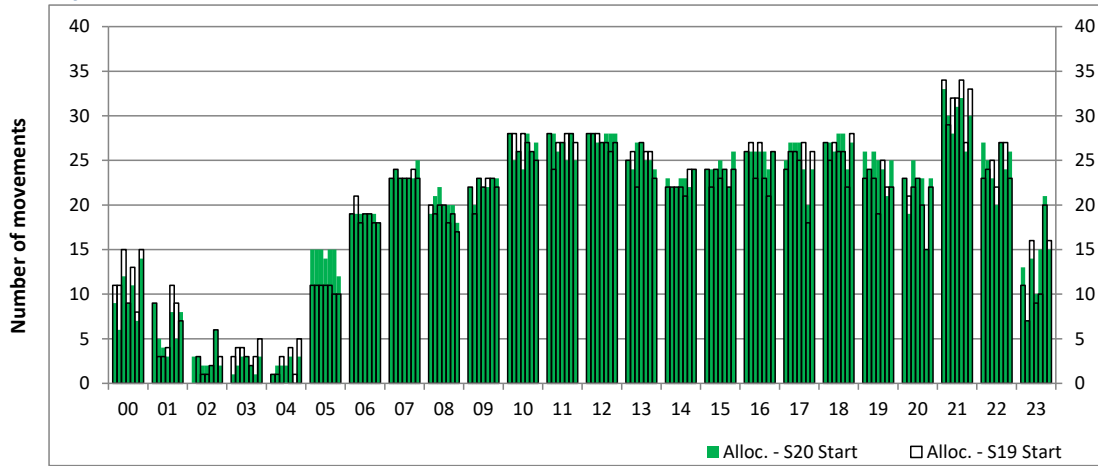
# Peak Week - Runway Allocation Comparison

Comparison of S20 Start vs. S19 Start



## Hourly Arrival Allocation

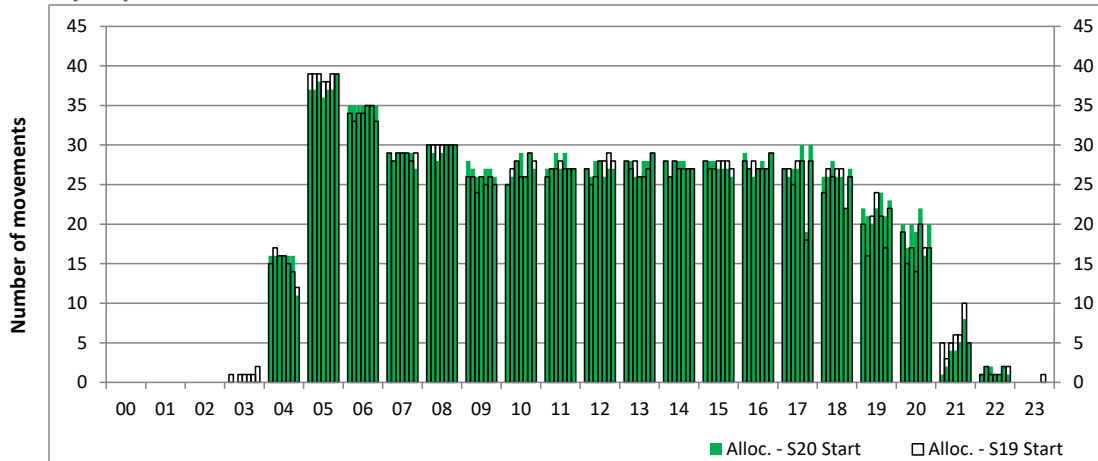
Time: UTC



Hour of day (24 hour format)

## Hourly Departure Allocation

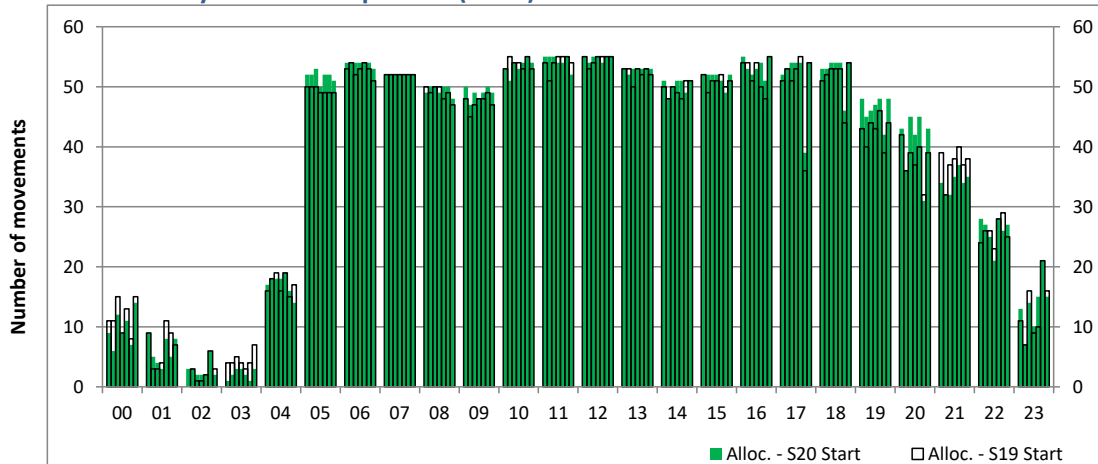
Time: UTC



Hour of day (24 hour format)

## Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



Hour of day (24 hour format)

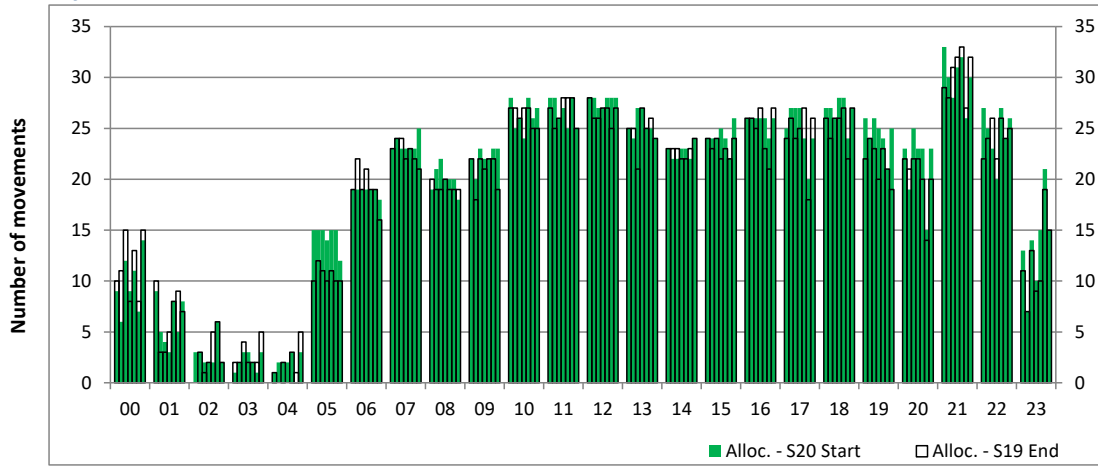
# Peak Week - Runway Allocation Comparison

Comparison of S20 Start vs. S19 End



## Hourly Arrival Allocation

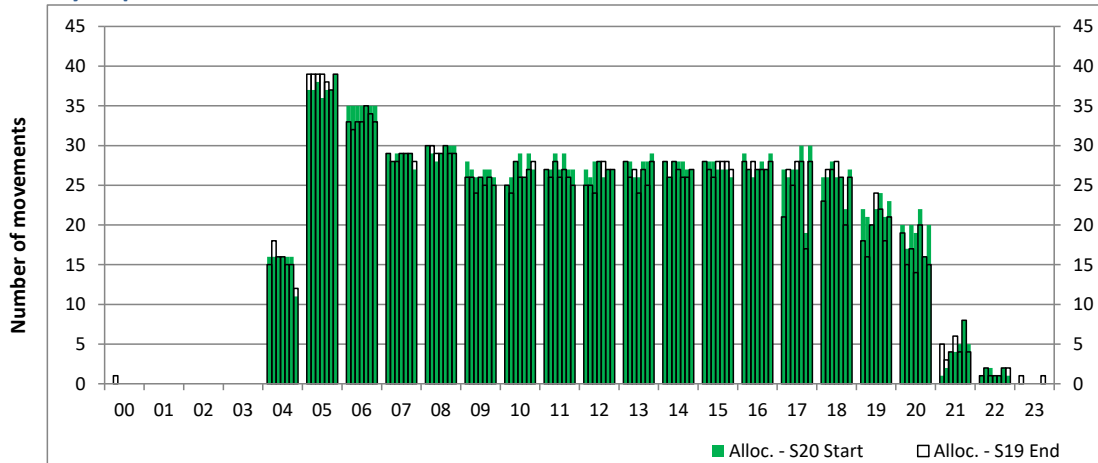
Time: UTC



Hour of day (24 hour format)

## Hourly Departure Allocation

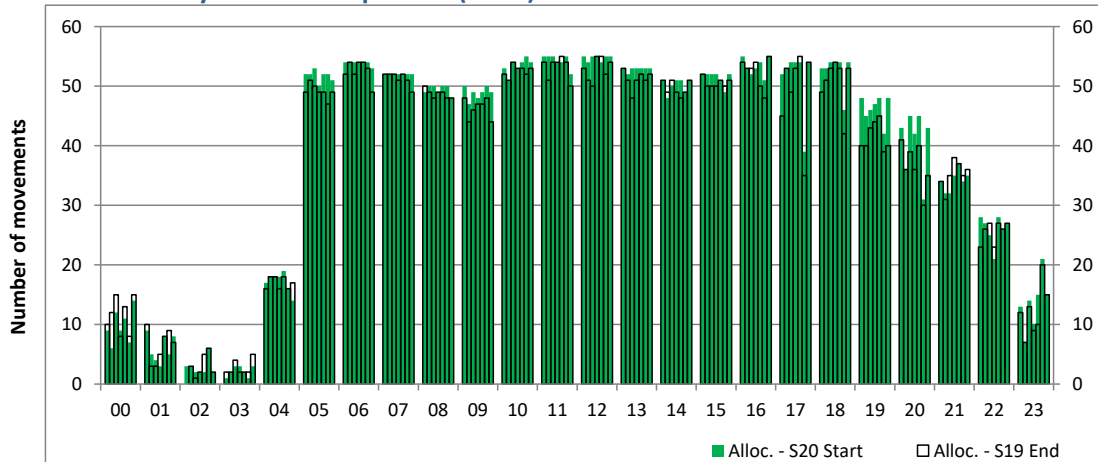
Time: UTC



Hour of day (24 hour format)

## Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



Hour of day (24 hour format)

# Glossary



<b>Air Transport Movement (ATM)</b>	Any aircraft movement which is either a scheduled or chartered passenger or cargo flight.
<b>Common Travel Area (CTA)</b>	Origin or Destination is in Republic of Ireland or the Channel Islands.
<b>Demand</b>	Unconstrained demand before any schedule adjustments have been made.
<b>"Fill-in"</b>	These are gaps in a historic series of slots which the carrier requests to "Fill-in" at Initial Submissions - Fill-ins will be recognisably part of the historic series and will have the same flight details to qualify as a "Fill-in".
<b>Hist (SHL)</b>	Snapshot of historic schedule rolled over from end of the previous equivalent season - as advised to airlines in the SHLs.
<b>ICAO Size A</b>	Aircraft with wingspan between 0.00m - 14.99m.
<b>ICAO Size B</b>	Aircraft with wingspan between 15.00m - 23.99m.
<b>ICAO Size C</b>	Aircraft with wingspan between 24.00m - 35.99m.
<b>ICAO Size D</b>	Aircraft with wingspan between 36.00m - 51.99m.
<b>ICAO Size E</b>	Aircraft with wingspan between 52.00m - 64.99m.
<b>ICAO Size F</b>	Aircraft with wingspan between 65.00m - 80.00m.
<b>Init Coord</b>	Snapshot of schedule immediately after Initial Coordination is completed - as advised to airlines in the SALs.
<b>Passenger Air Transport Movement (PATM)</b>	Any aircraft movement which is either a scheduled or chartered passenger flight.
<b>Start</b>	Snapshot of schedule shortly before the start of the scheduling season (exact date given below where used).
<b>Time: Local</b>	Times shown are in LOCAL time for the airport/scheduling season.
<b>Time: UTC</b>	Times shown are in Universal Time Constant (UTC).

---

## Data snapshot descriptions

<b>S19 Start</b>	S19 schedule as cleared on Tue 26-Mar-19.
<b>S19 End</b>	S19 schedule as cleared on Sat 26-Oct-19.
<b>S20 Start</b>	S20 schedule as cleared on Fri 13-Mar-20.
<b>Peak Week</b>	Peak week for S19 is Mon 19-Aug-19 to Sun 25-Aug-19. Peak week for S20 is Mon 17-Aug-20 to Sun 23-Aug-20.

---

## For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	LGW-S19-SOS Report-Standard	Sun 31-Mar-2019	Sat 26-Oct-2019	UTC
Full Season Rep 2	LGW-S19-Live-Standard	Sun 31-Mar-2019	Sat 26-Oct-2019	UTC
Full Season Rep 3	LGW-S20-SOS Report as of 06MAR20-Star	Sun 29-Mar-2020	Sat 24-Oct-2020	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	LGW-S19-SOS Report-Standard	Mon 19-Aug-2019	Sun 25-Aug-2019	UTC
Peak Week Rep 2	LGW-S19-Live-Standard	Mon 19-Aug-2019	Sun 25-Aug-2019	UTC
Peak Week Rep 3	LGW-S20-SOS Report as of 06MAR20-Star	Mon 17-Aug-2020	Sun 23-Aug-2020	UTC