

Initial Coordination Report

Report Date: Wed 17-Jun-2020

Headlines

	W20 Init Coord	vs. W19 Init Coord	vs. W20 Hist (SHL)
Total Air Transport Movements (Passenger & Freight)	203,229	▲ 0.6%	▲ 0.1%
Total Passenger Air Transport Movements	202,636	▲ 0.6%	▲ 0.1%
Total Passenger Air Transport Movement Seats	44,912,102	▲ 1.6%	▲ 0.7%
Average Seats per Passenger Air Transport Movement	221.6	▲ 1.0%	▲ 0.7%
Percentage of allocated slots cleared as requested (OK)	94.5%		

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W19 scheduling season runs from Sun 27-Oct-2019 to Sat 28-Mar-2020 (154 days).

W20 scheduling season runs from Sun 25-Oct-2020 to Sat 27-Mar-2021 (154 days).

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Runway Scheduling Limits



Declared Hourly Movement Capacity

W19 Arrivals								Change: W19 to W20							W20 Arrivals								
Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun
UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7
05	16	16	16	16	16	16	16	05								05	16	16	16	16	16	16	16
06	38	38	38	38	38	38	38	06								06	38	38	38	38	38	38	38
07	38	38	38	38	38	38	38	07	1	1	1	1	1	1	1	07	39	39	39	39	39	39	39
08	37	37	37	37	37	37	37	08								08	37	37	37	37	37	37	37
09	44	44	44	44	44	44	44	09	1	1	1	1	1	1	1	09	45	45	45	45	45	45	45
10	43	43	43	43	43	43	43	10	1	1	1	1	1	1	1	10	44	44	44	44	44	44	44
11	35	35	35	35	35	35	35	11	-1	-1	-1	-1	-1	-1	-1	11	34	34	34	34	34	34	34
12	41	41	41	41	41	41	41	12								12	41	41	41	41	41	41	41
13	41	41	41	41	41	41	41	13								13	41	41	41	41	41	41	41
14	43	43	43	43	43	43	43	14	-1	-1	-1	-1	-1	-1	-1	14	42	42	42	42	42	42	42
15	39	39	39	39	39	39	39	15								15	39	39	39	39	39	39	39
16	41	41	41	41	41	41	41	16	-1	-1	-1	-1	-1	-1	-1	16	40	40	40	40	40	40	40
17	41	41	41	41	41	41	41	17								17	41	41	41	41	41	41	41
18	42	42	42	42	42	42	42	18								18	42	42	42	42	42	42	42
19	43	43	43	43	43	43	43	19								19	43	43	43	43	43	43	43
20	38	38	38	38	38	38	38	20								20	38	38	38	38	38	38	38
21	38	38	38	38	38	38	38	21								21	38	38	38	38	38	38	38
22	17	17	17	17	17	17	17	22								22	17	17	17	17	17	17	17

W19 Departures								Change: W19 to W20							W20 Departures								
Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun
UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7
05	16	16	16	16	16	16	16	05								05	16	16	16	16	16	16	16
06	27	27	27	27	27	27	27	06								06	27	27	27	27	27	27	27
07	43	43	43	43	43	43	43	07								07	43	43	43	43	43	43	43
08	44	44	44	44	44	44	44	08	-1	-1	-1	-1	-1	-1	-1	08	43	43	43	43	43	43	43
09	43	43	43	43	43	43	43	09								09	43	43	43	43	43	43	43
10	44	44	44	44	44	44	44	10	1	1	1	1	1	1	1	10	45	45	45	45	45	45	45
11	45	45	45	45	45	45	45	11								11	45	45	45	45	45	45	45
12	42	42	42	42	42	42	42	12	-1	-1	-1	-1	-1	-1	-1	12	41	41	41	41	41	41	41
13	45	45	45	45	45	45	45	13	1	1	1	1	1	1	1	13	46	46	46	46	46	46	46
14	42	42	42	42	42	42	42	14								14	42	42	42	42	42	42	42
15	44	44	44	44	44	44	44	15								15	44	44	44	44	44	44	44
16	43	43	43	43	43	43	43	16								16	43	43	43	43	43	43	43
17	44	44	44	44	44	44	44	17								17	44	44	44	44	44	44	44
18	44	44	44	44	44	44	44	18								18	44	44	44	44	44	44	44
19	45	45	45	45	45	45	45	19								19	45	45	45	45	45	45	45
20	40	40	40	40	40	40	40	20	1	1	1	1	1	1	1	20	41	41	41	41	41	41	41
21	28	28	28	28	28	28	28	21								21	28	28	28	28	28	28	28
22	23	23	23	23	23	23	23	22	-1	-1	-1	-1	-1	-1	-1	22	22	22	22	22	22	22	22

Coordinator's Report



Total demand	227,099	slots		
Total slots allocated	203,229	slots	89.49%	of total demand
Number of slots cleared OK	192,053	slots	94.50%	of total slots cleared

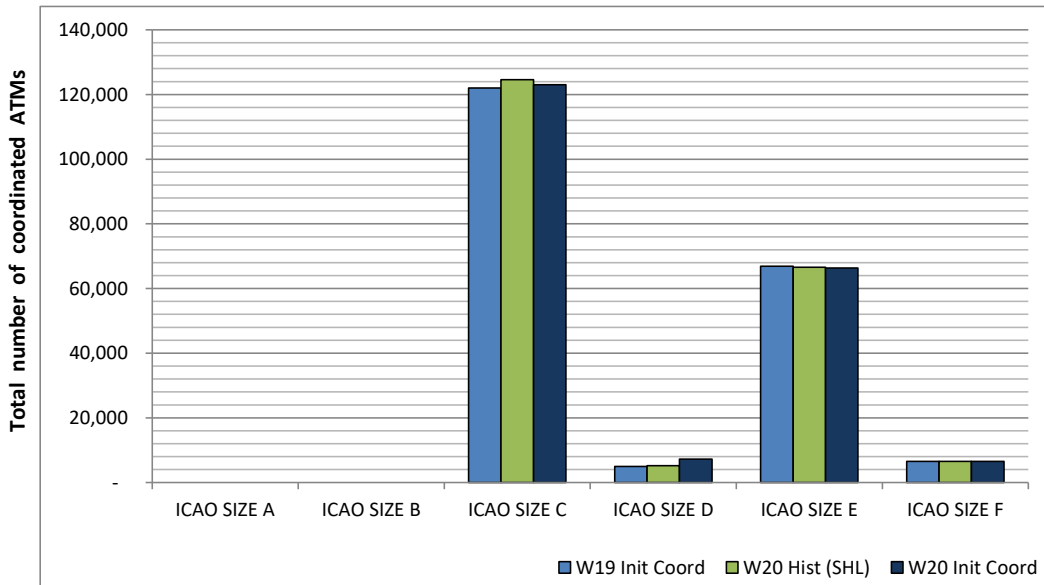
Slots adjusted (not OK) due to:

RUNWAY constraints	11,176	slots	100.0%	of total slots adjusted
TERMINAL constraints	-	slots	0.0%	of total slots adjusted
STAND constraints	-	slots	0.0%	of total slots adjusted
NIGHT constraints	-	slots	0.0%	of total slots adjusted
OTHER constraints	-	slots	0.0%	of total slots adjusted
ARR/DEP TURNAROUND feasibility	-	slots	0.0%	of total slots adjusted

Full Season - Aircraft Size Analysis

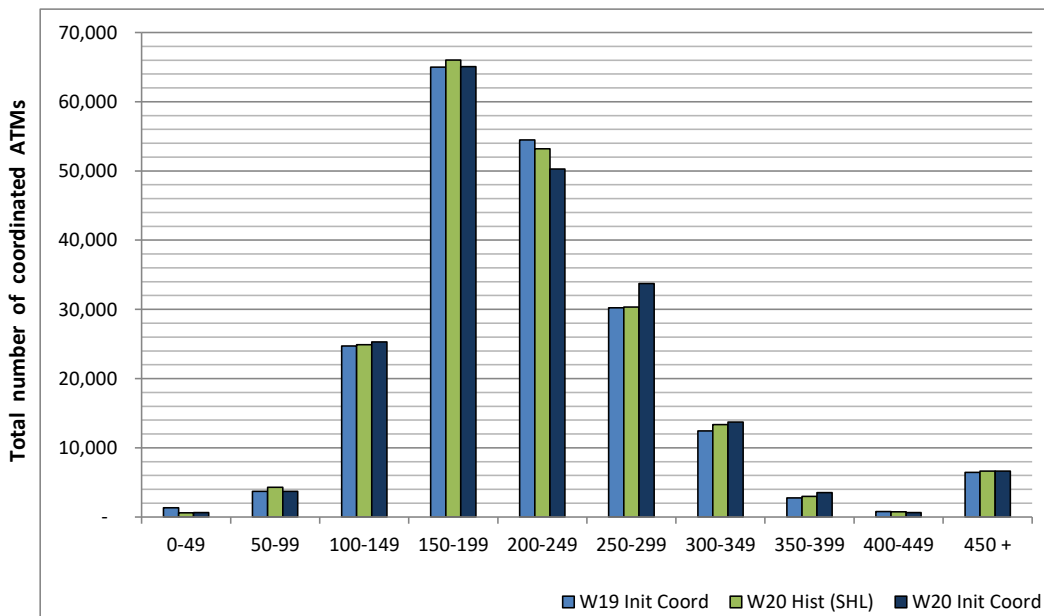


ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

Air Transport Movement seat distribution

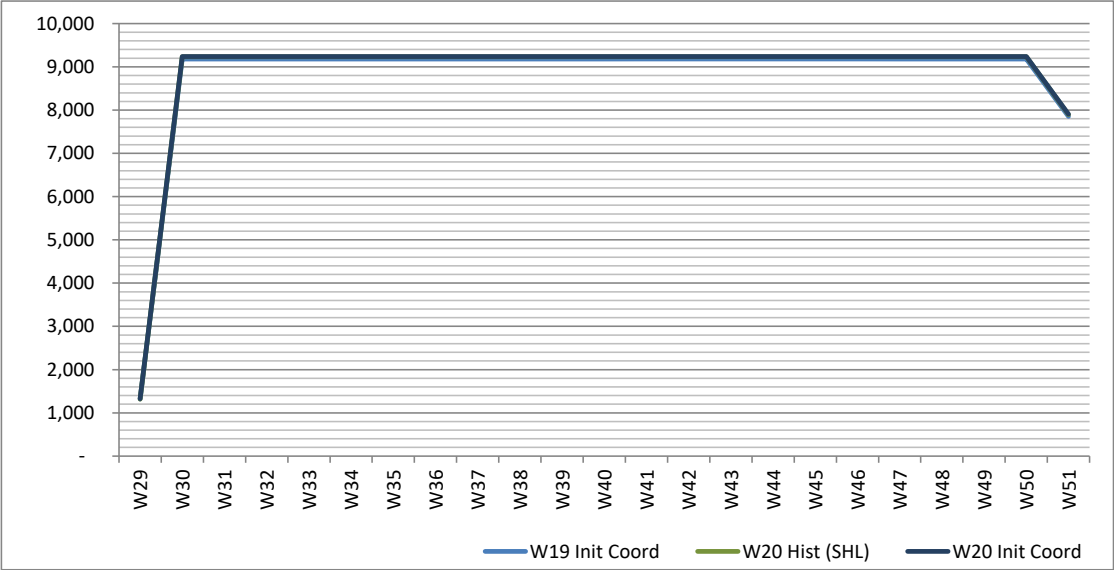


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-49'

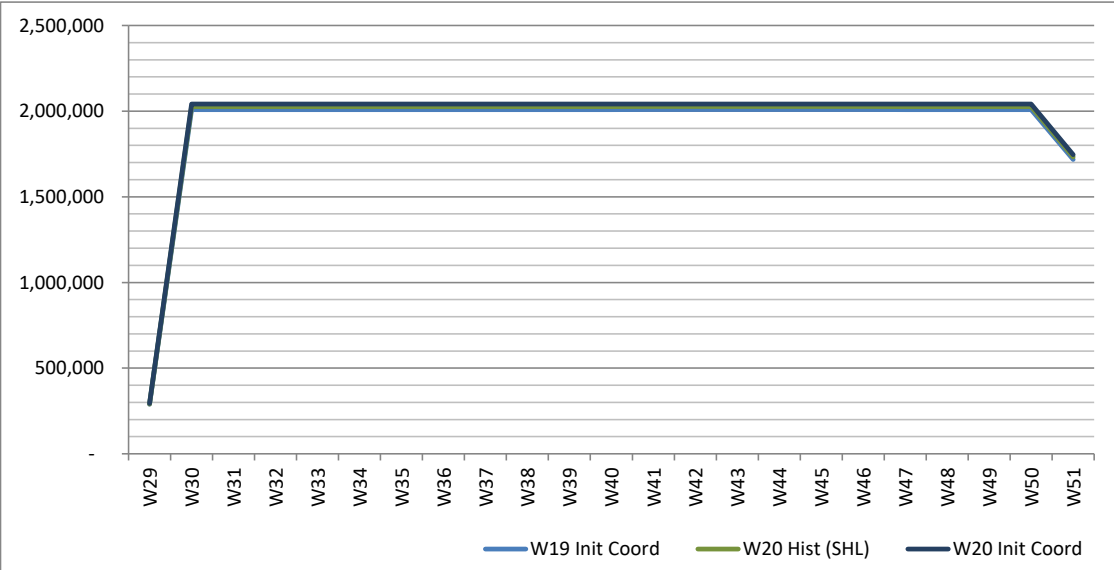
Full Season - Seasonality



Air Transport Movements by week of season



Air Transport Movement Seats by week of season



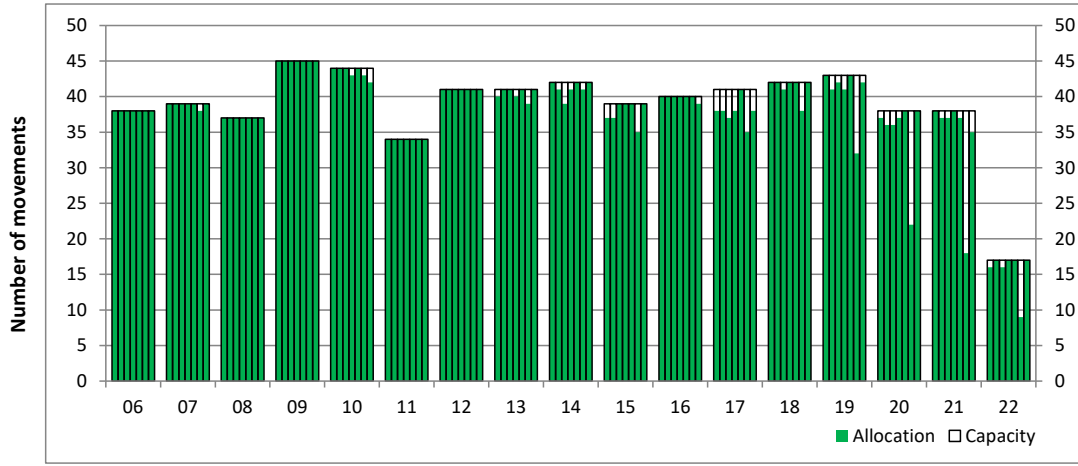
Peak Week - Hourly Runway Allocation

Schedule: W20 Init Coord



Hourly Arrival Allocation

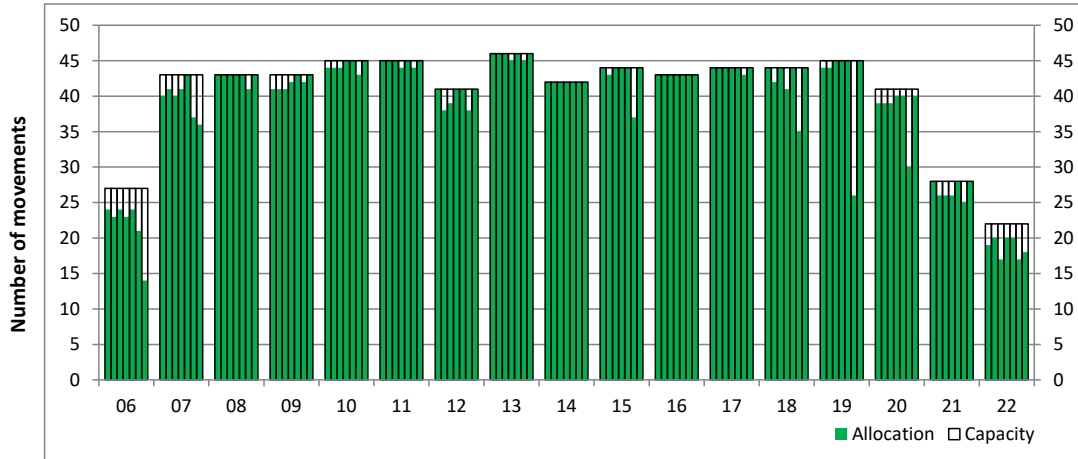
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

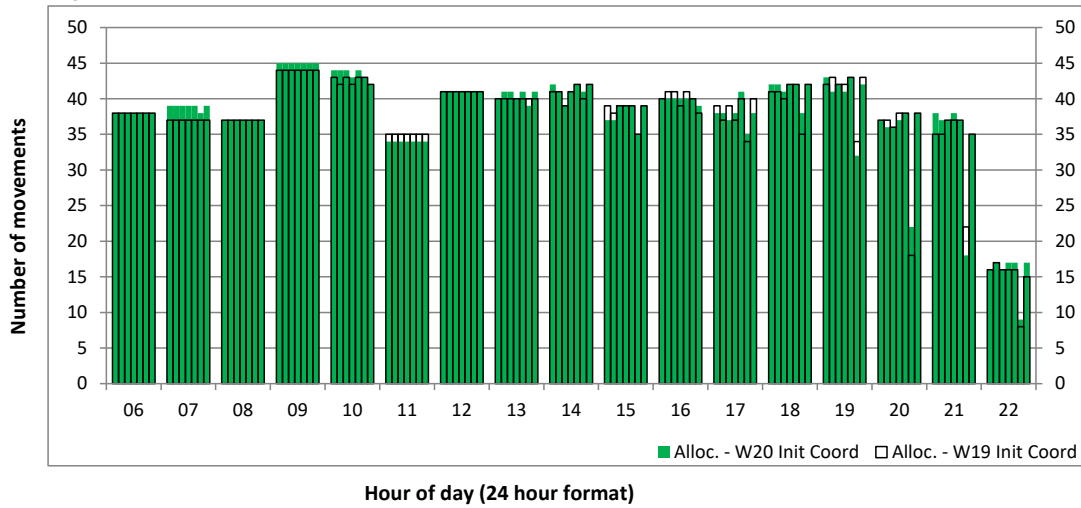
Peak Week - Runway Allocation Comparison



Comparison of W20 Init Coord vs. W19 Init Coord

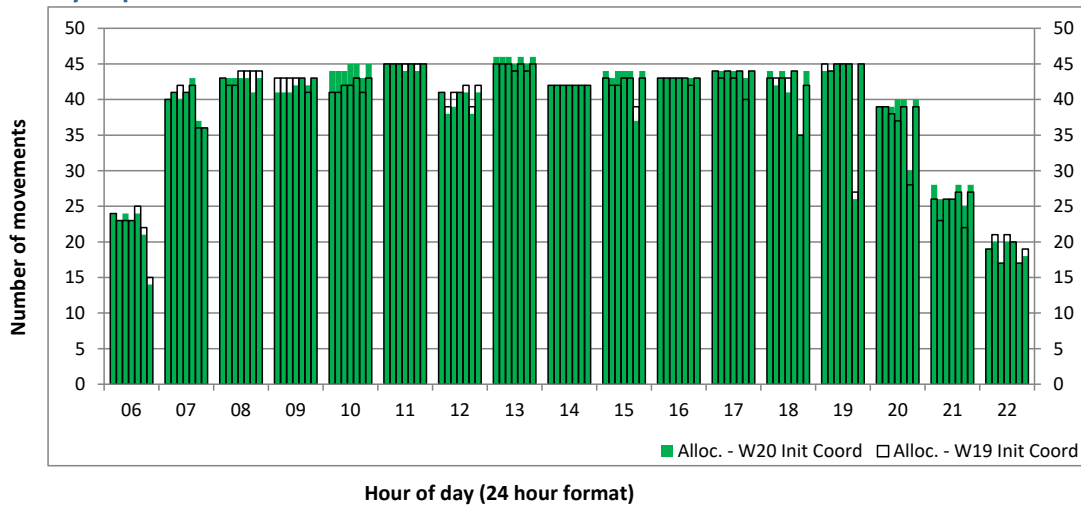
Hourly Arrival Allocation

Time: UTC



Hourly Departure Allocation

Time: UTC



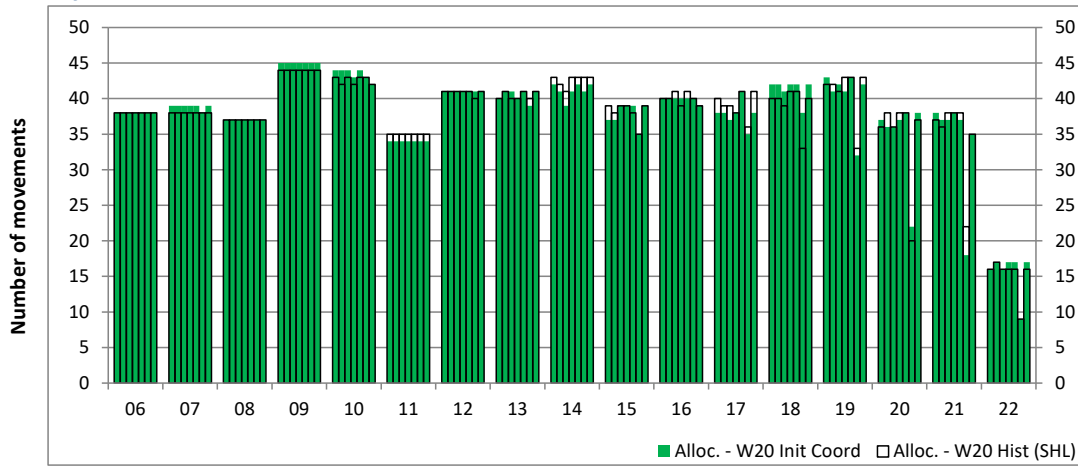
Peak Week - Runway Allocation Comparison

Comparison of W20 Init Coord vs. W20 Hist (SHL)



Hourly Arrival Allocation

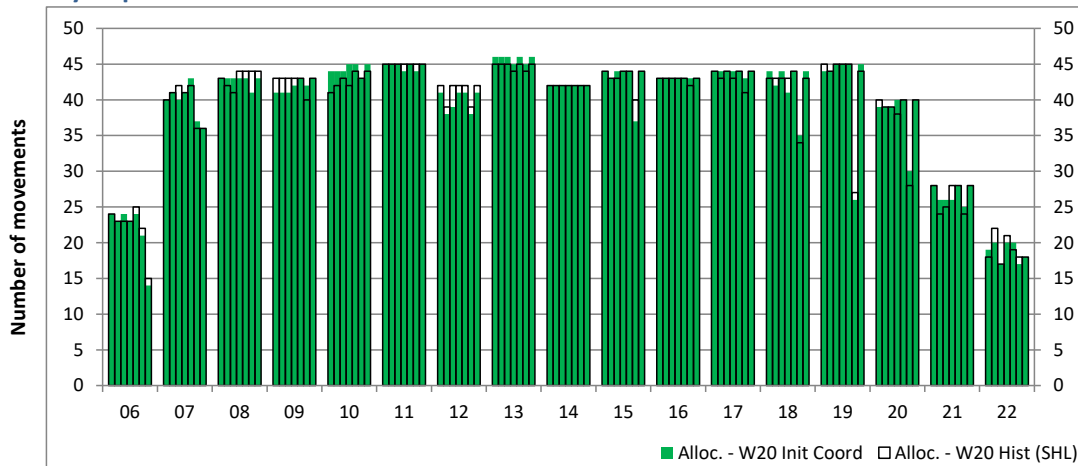
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

Peak Week - Passengers Histogram

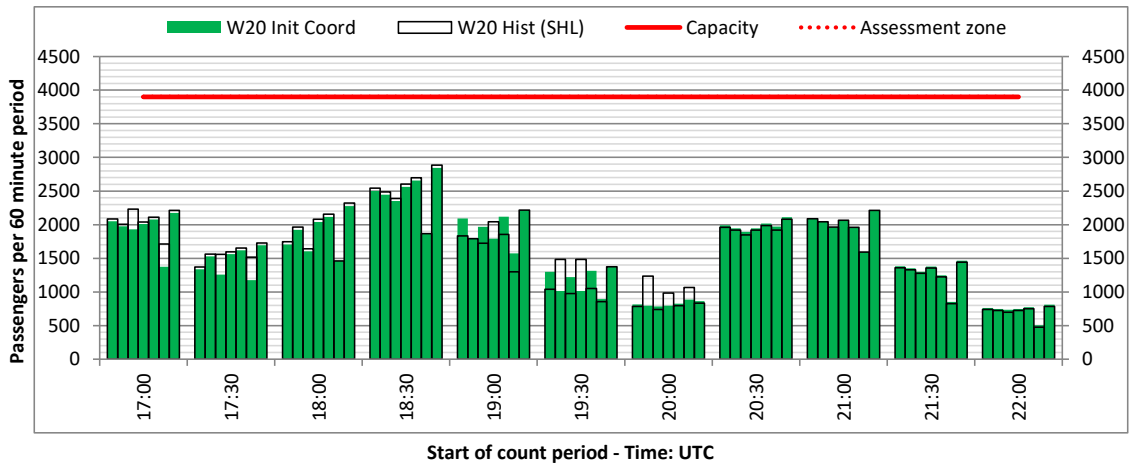
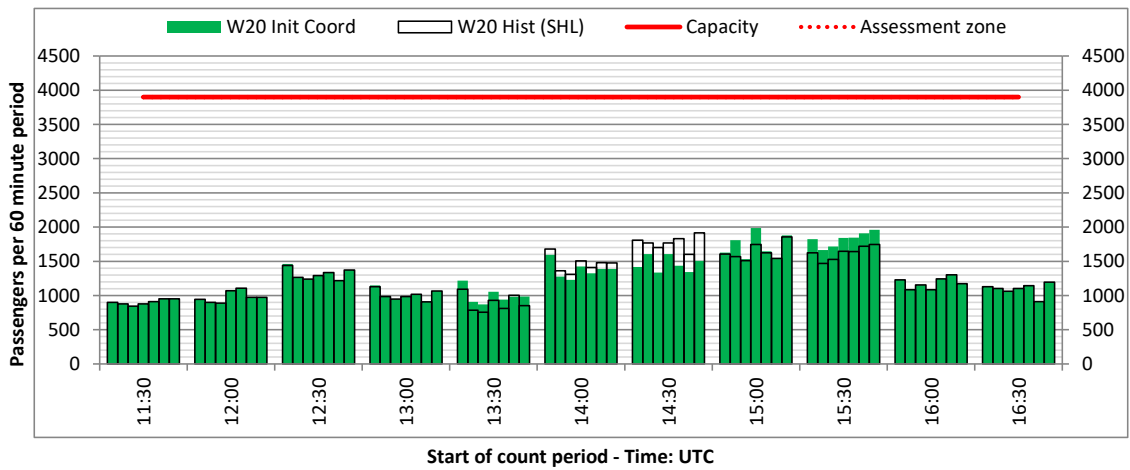
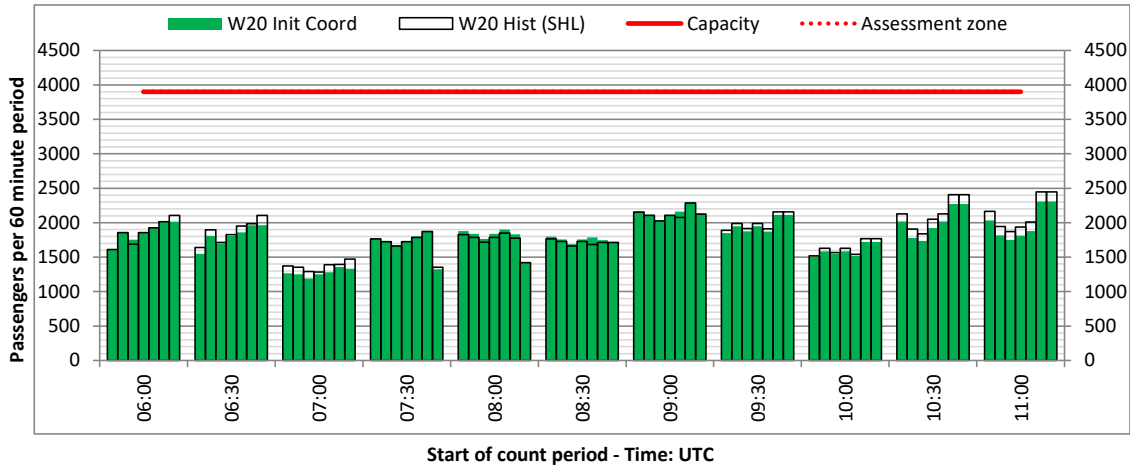
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

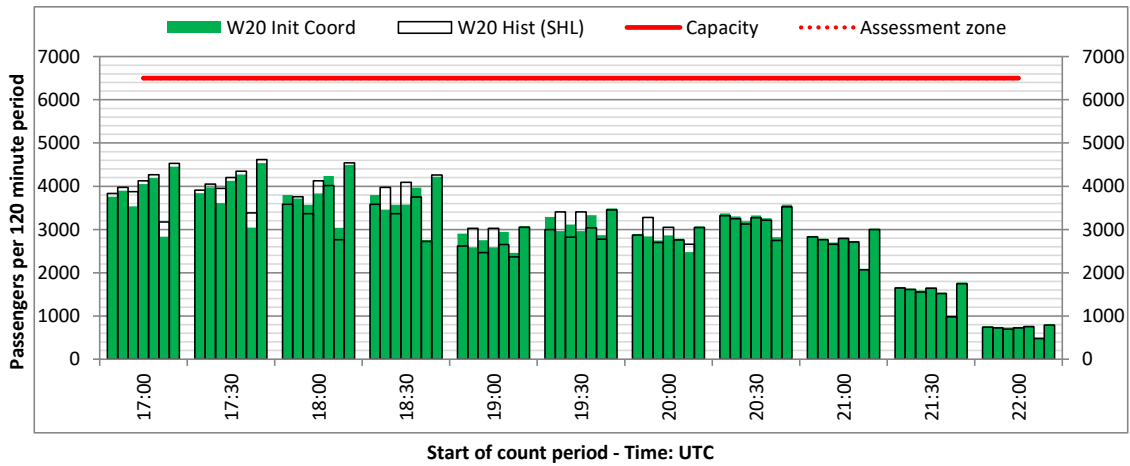
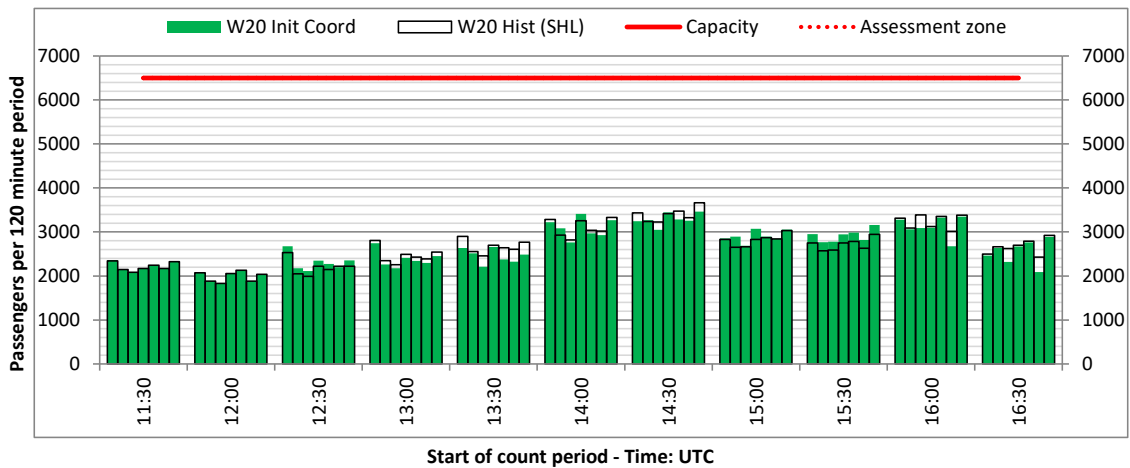
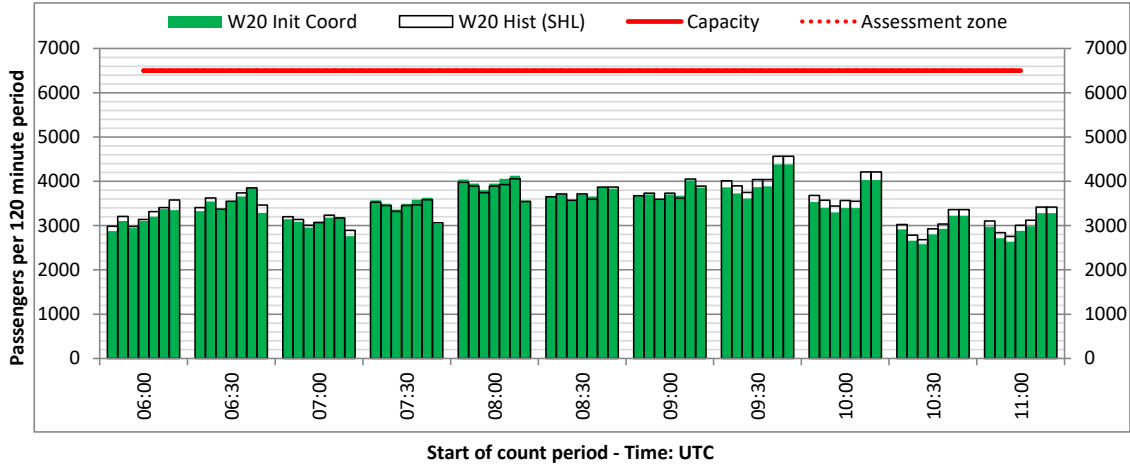
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

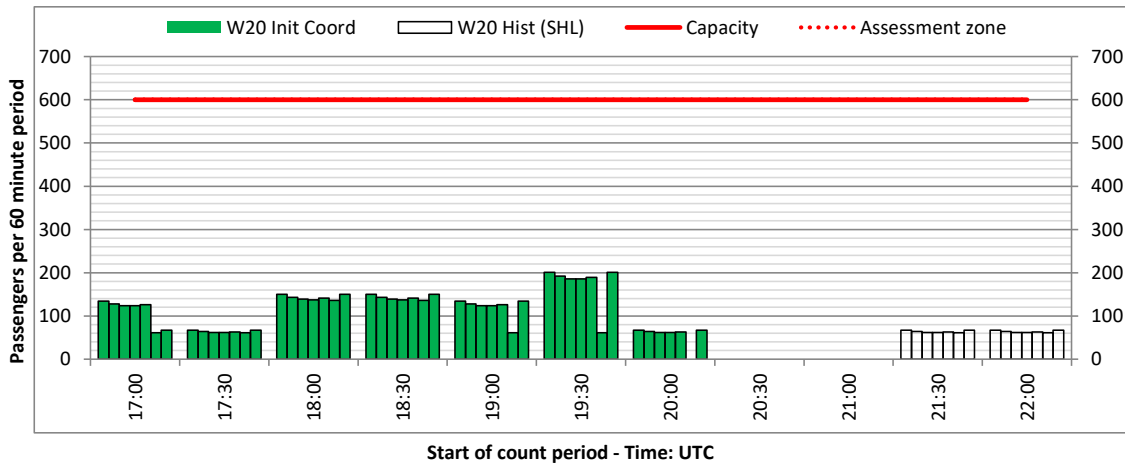
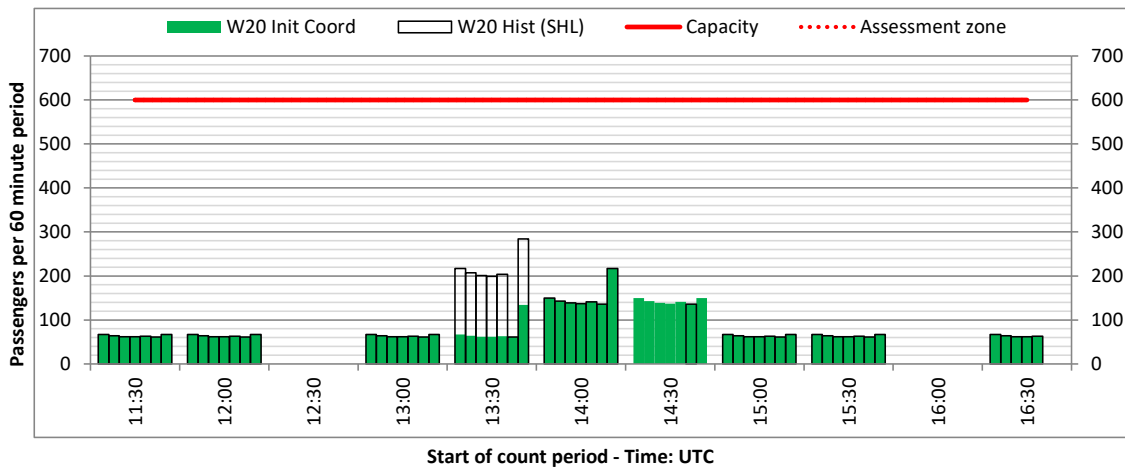
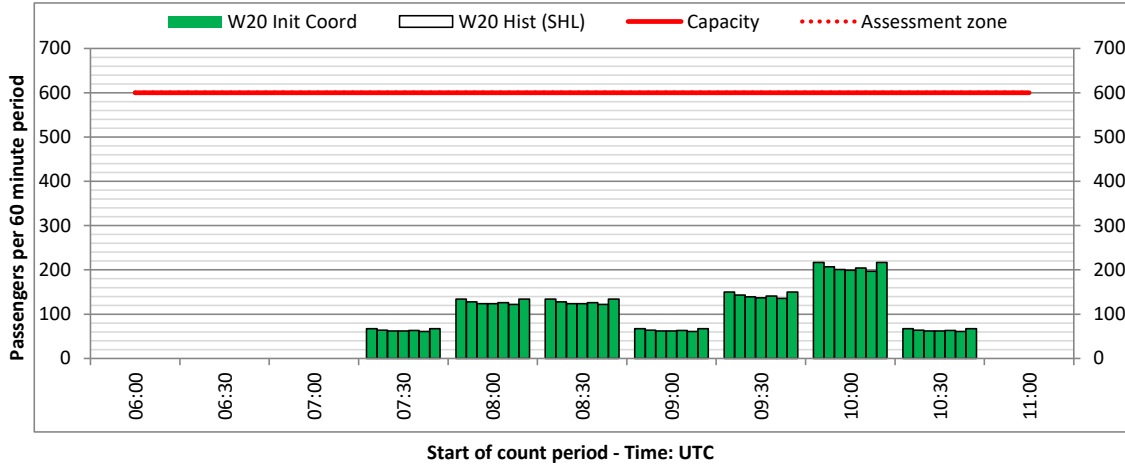
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

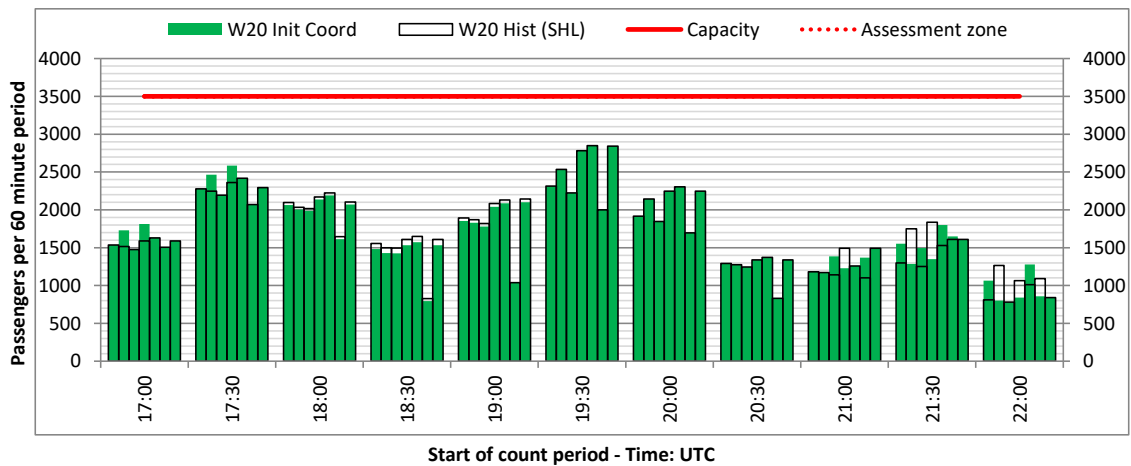
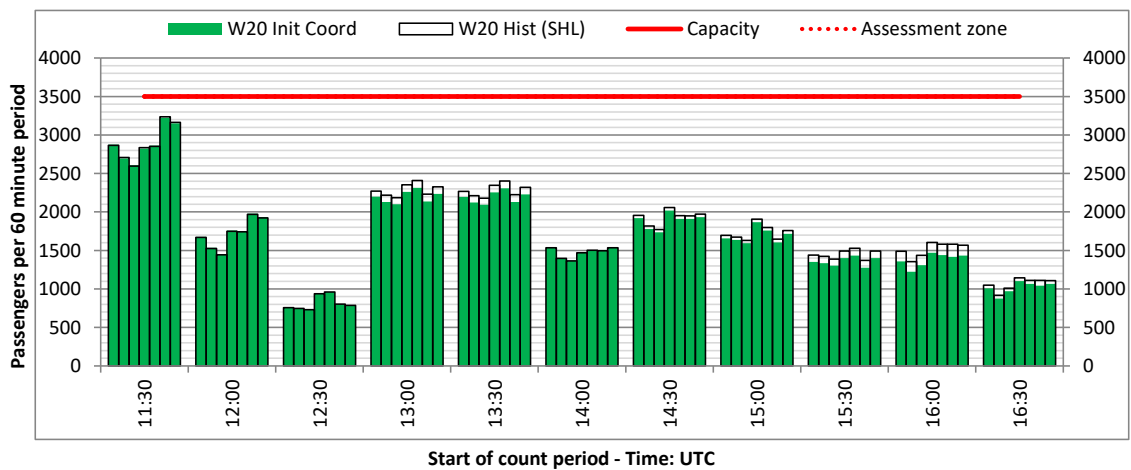
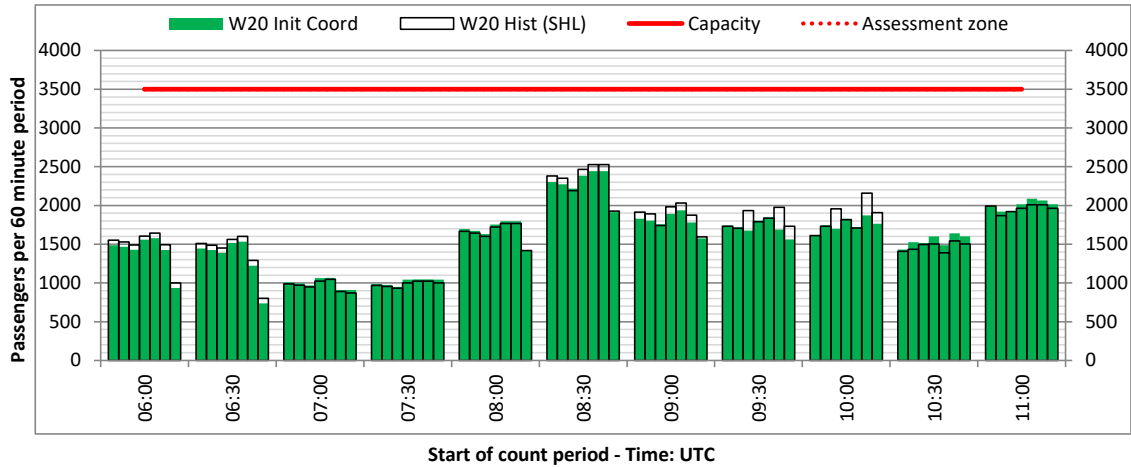
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

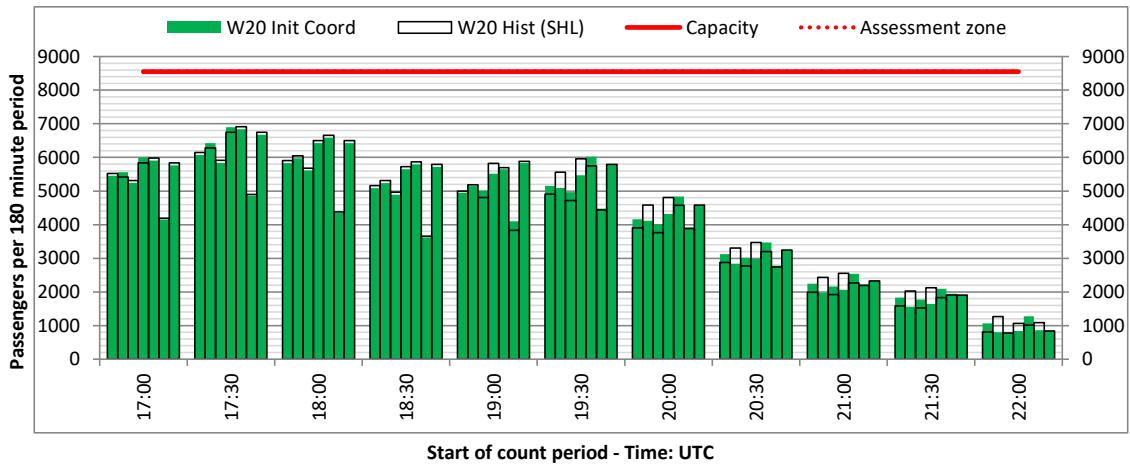
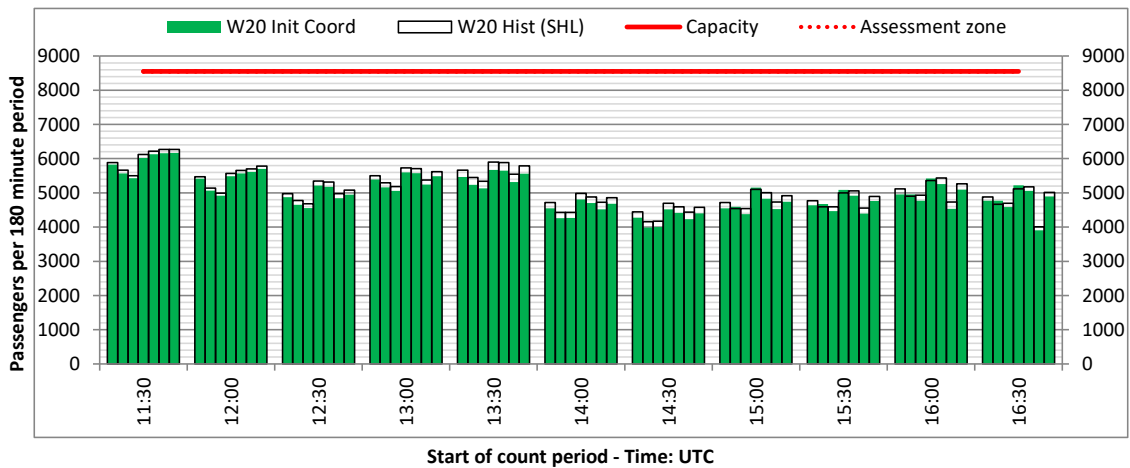
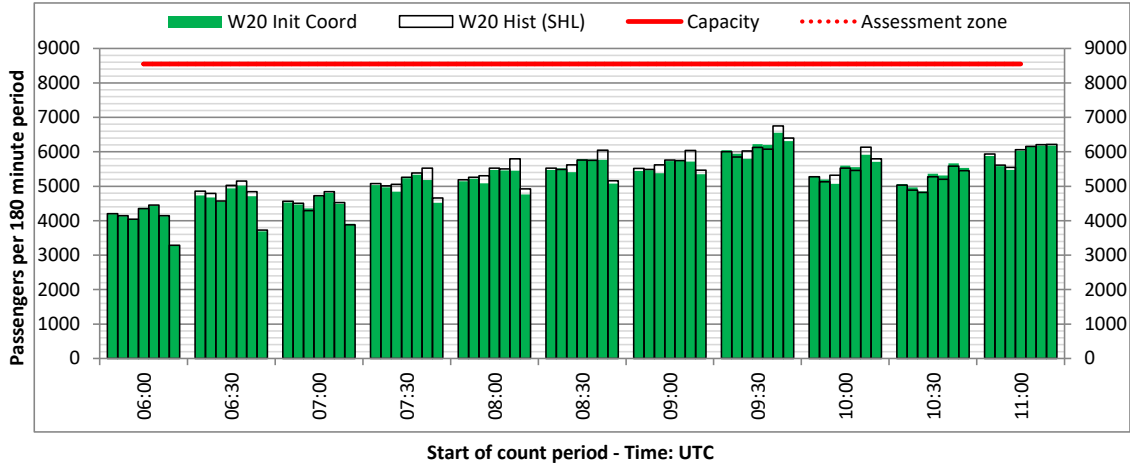
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



Terminals: 2D 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

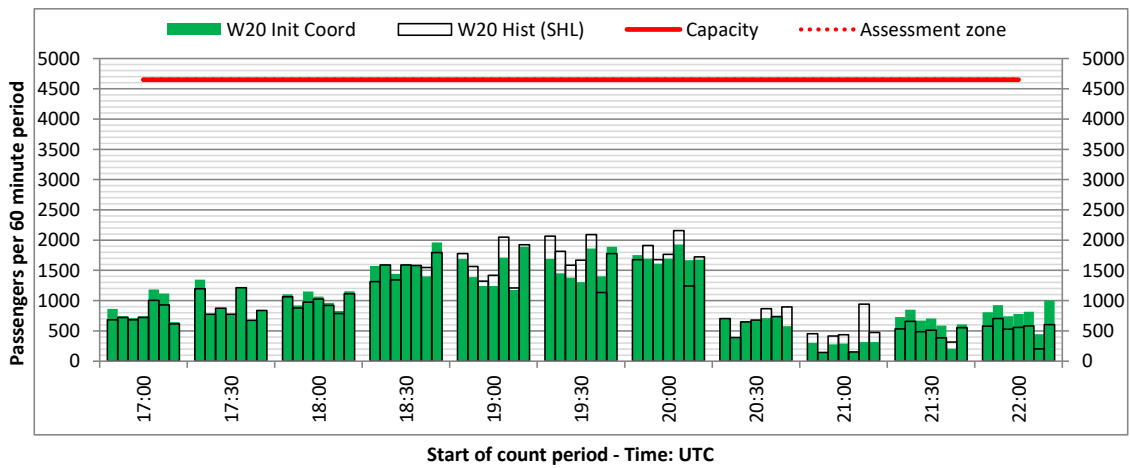
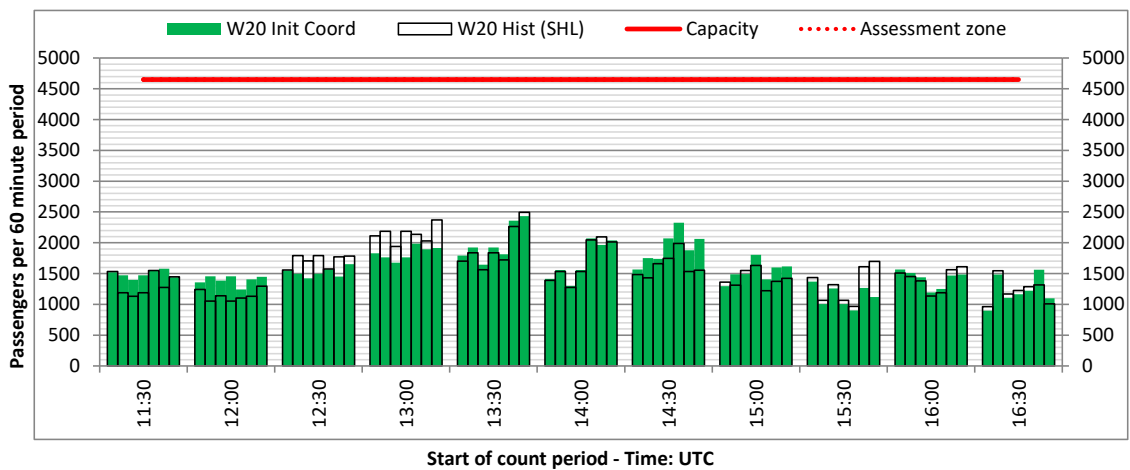
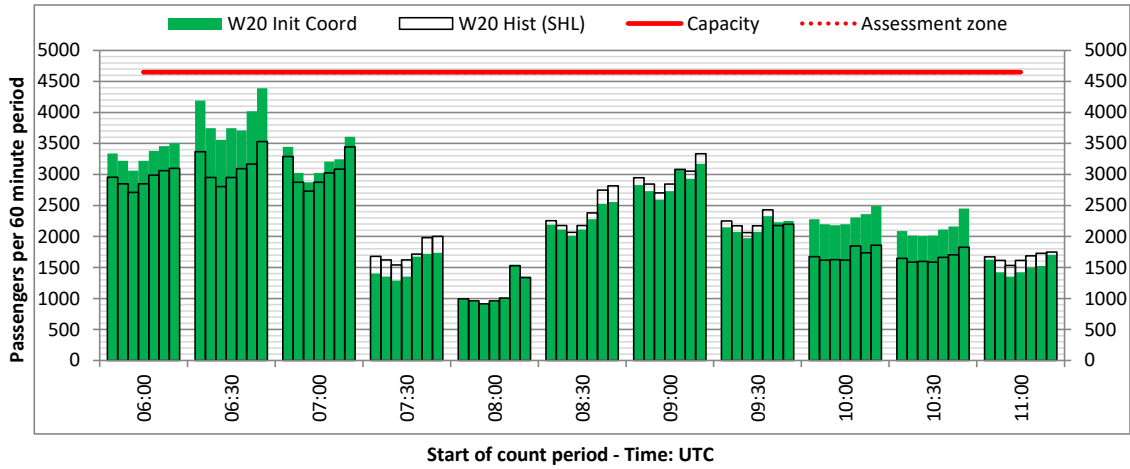
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

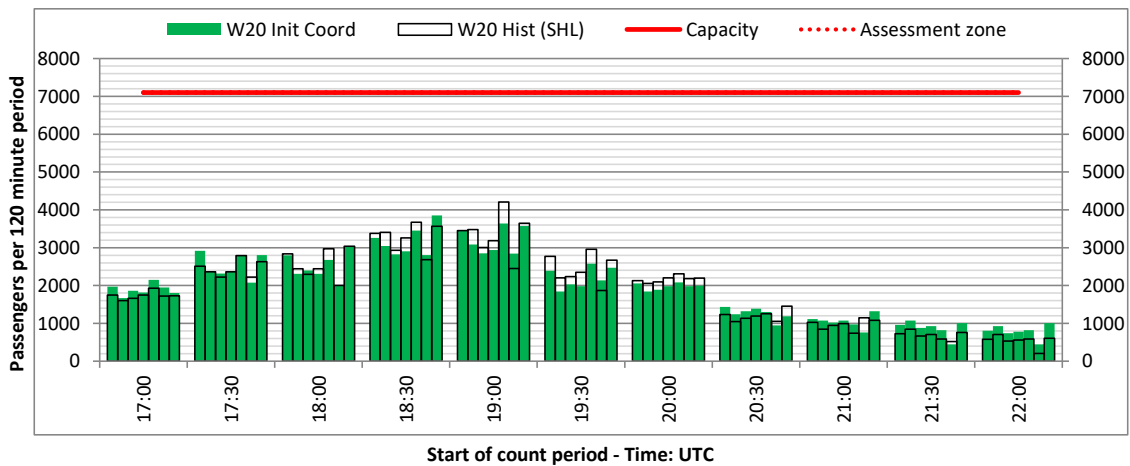
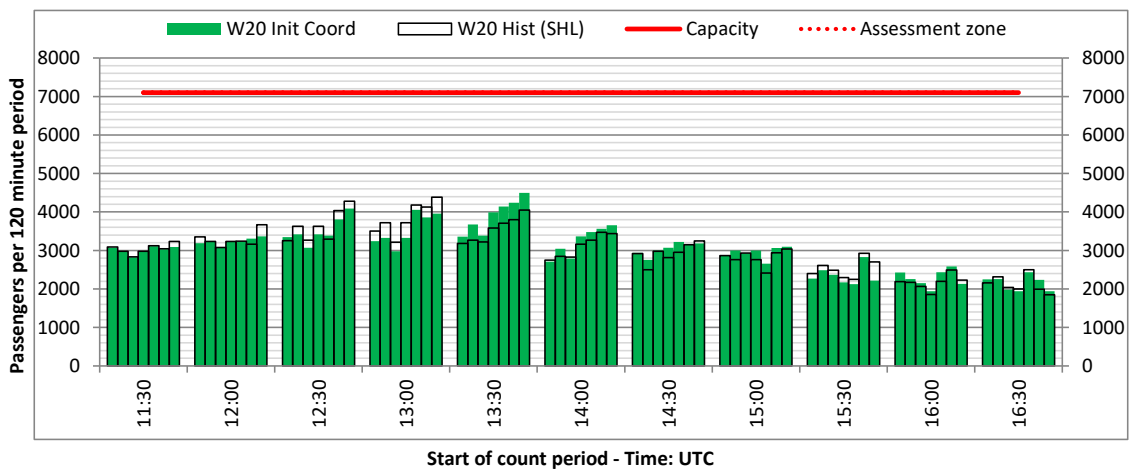
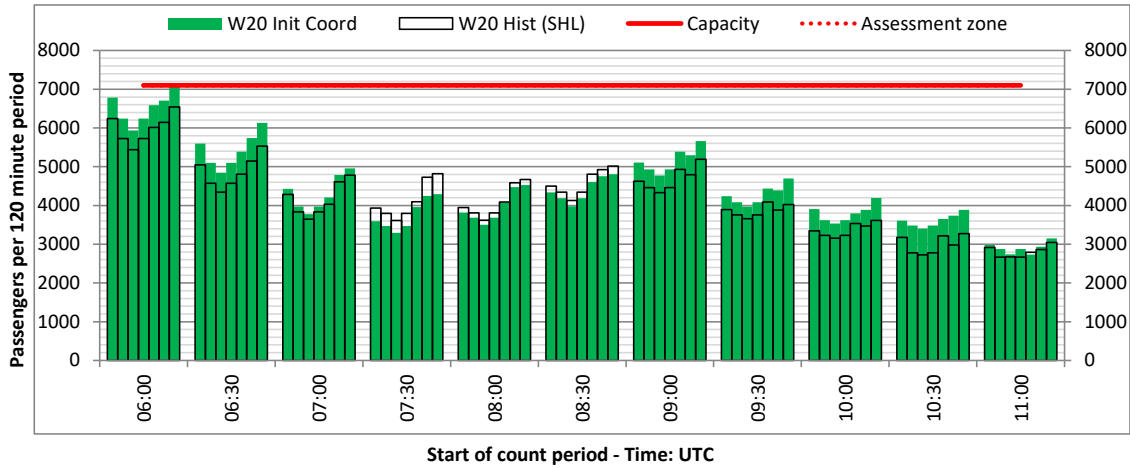
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

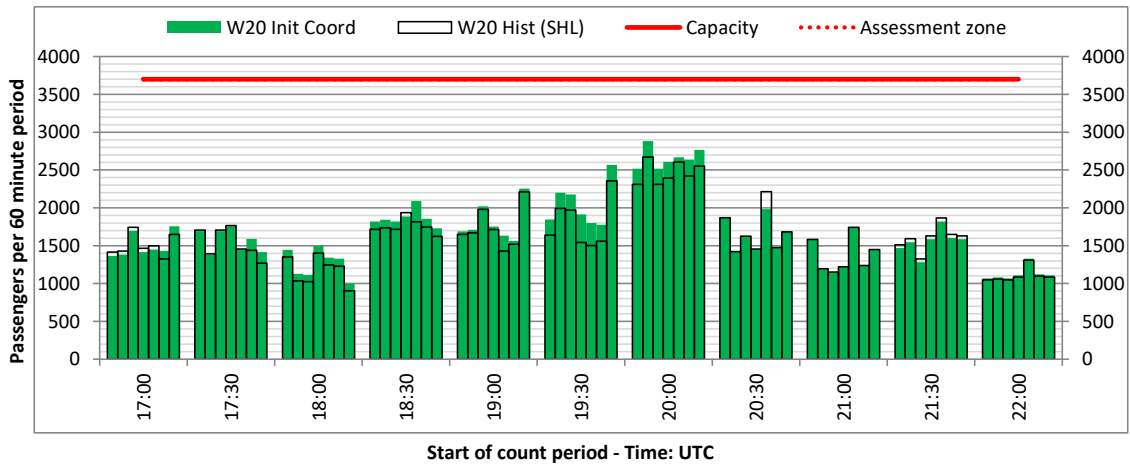
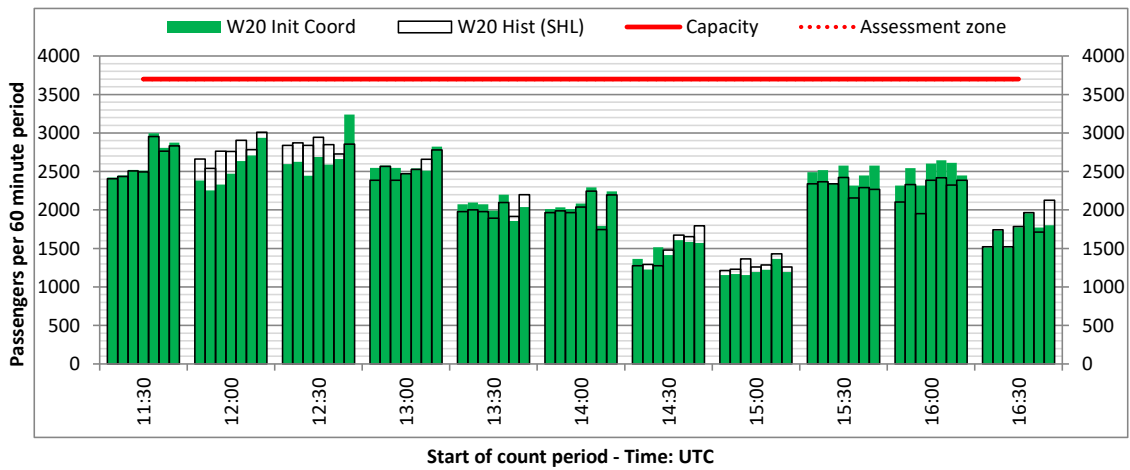
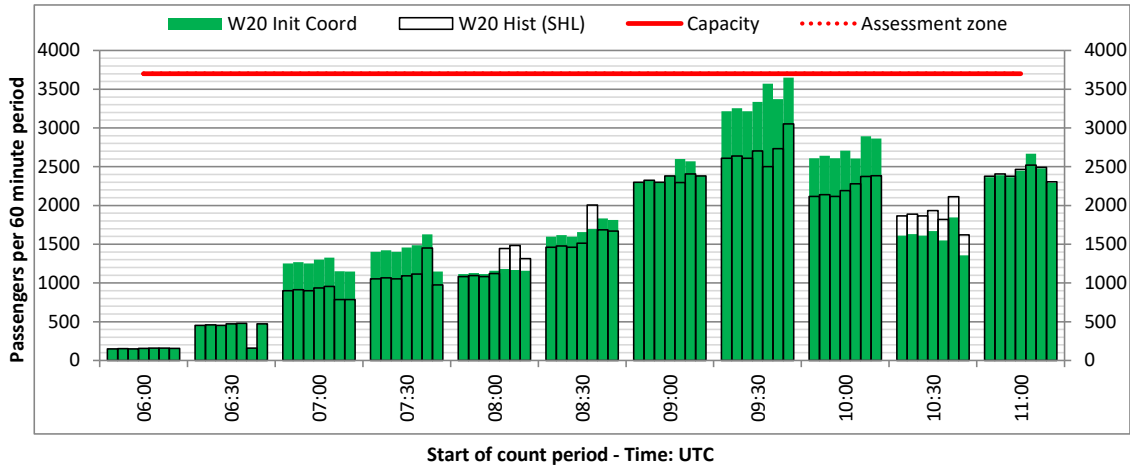
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

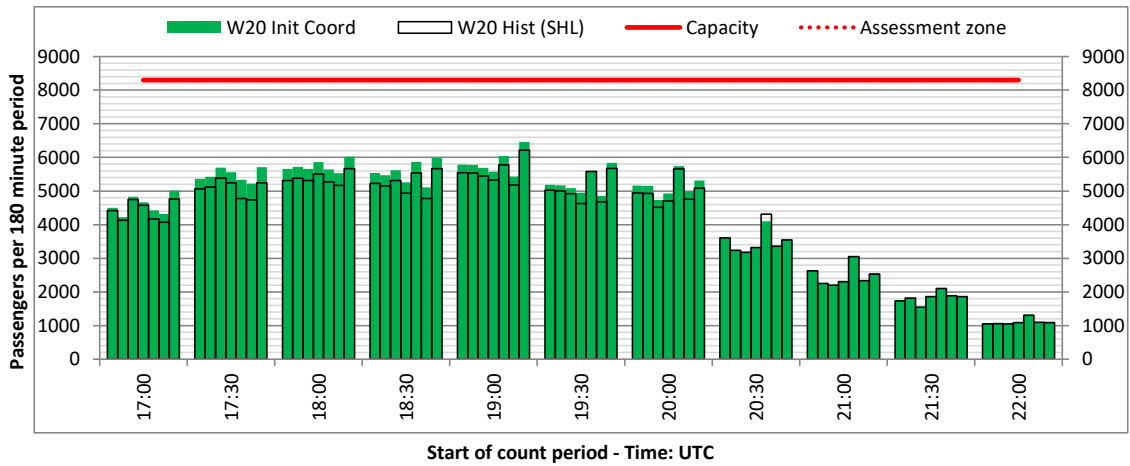
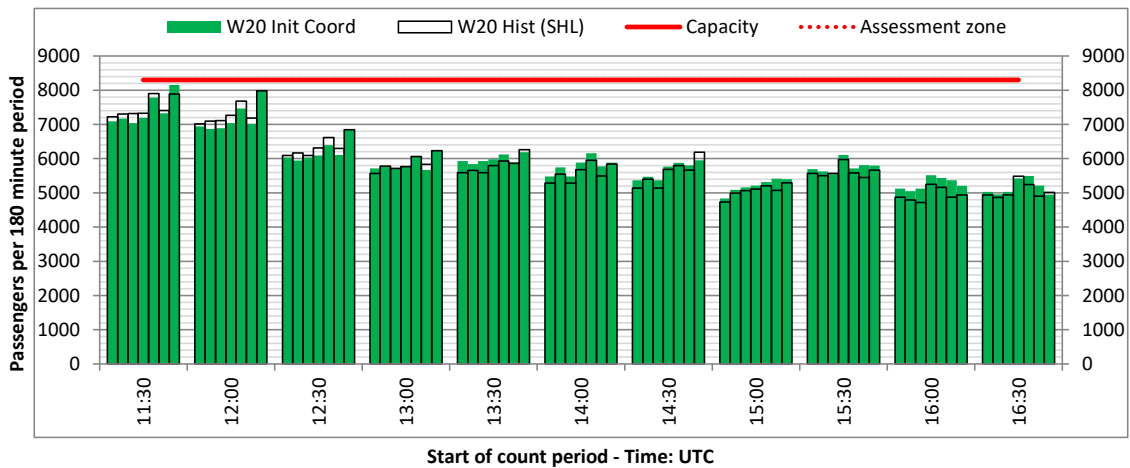
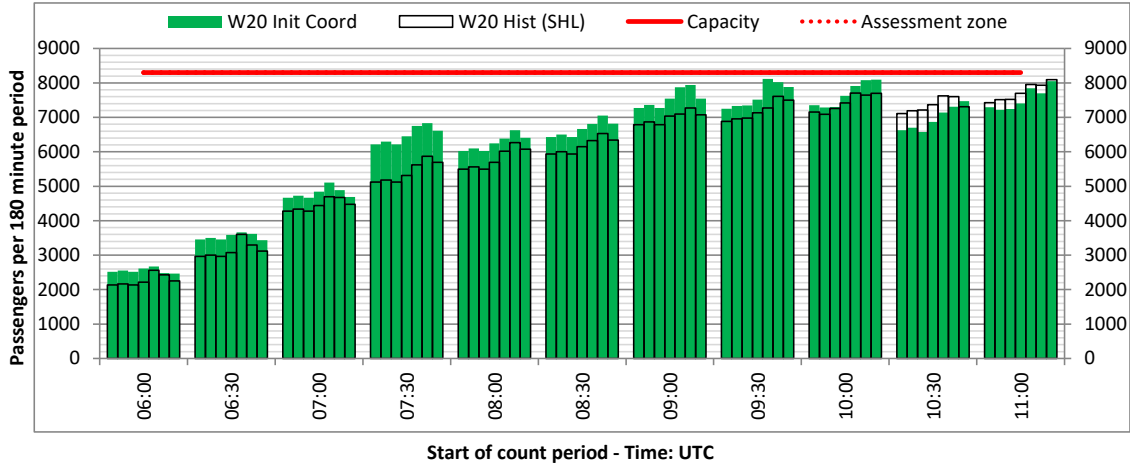
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

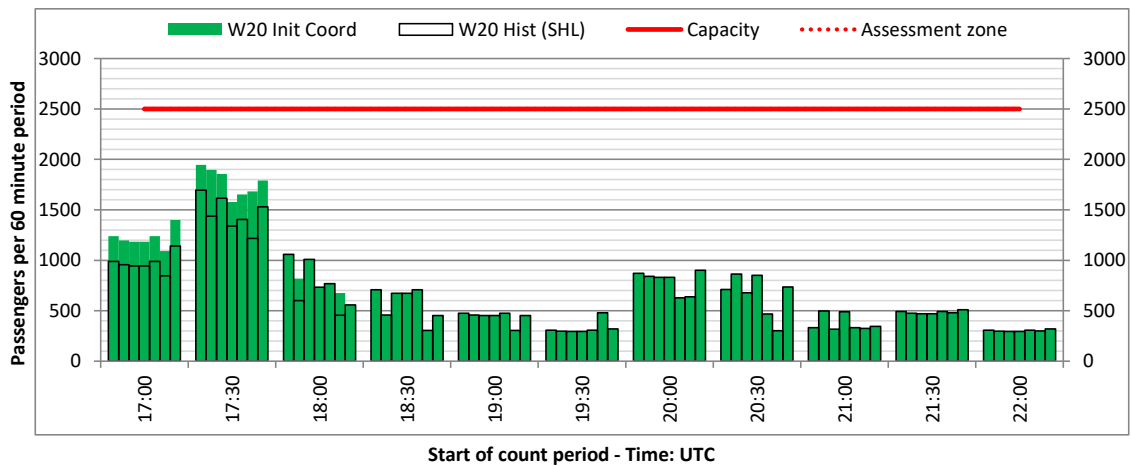
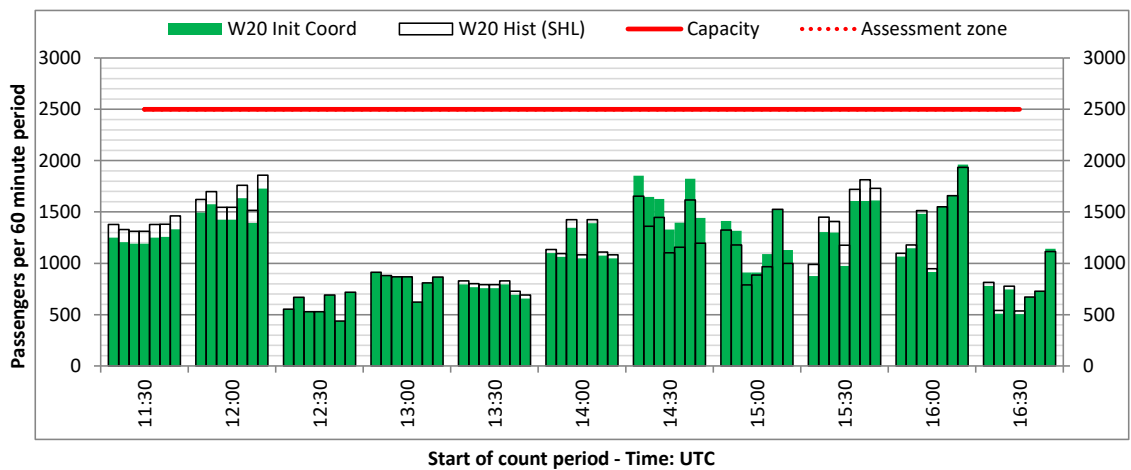
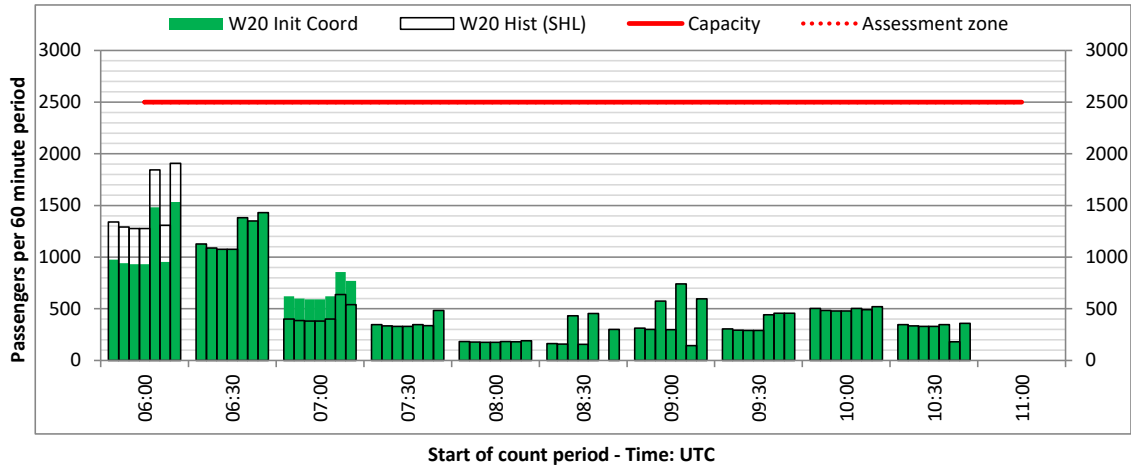
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

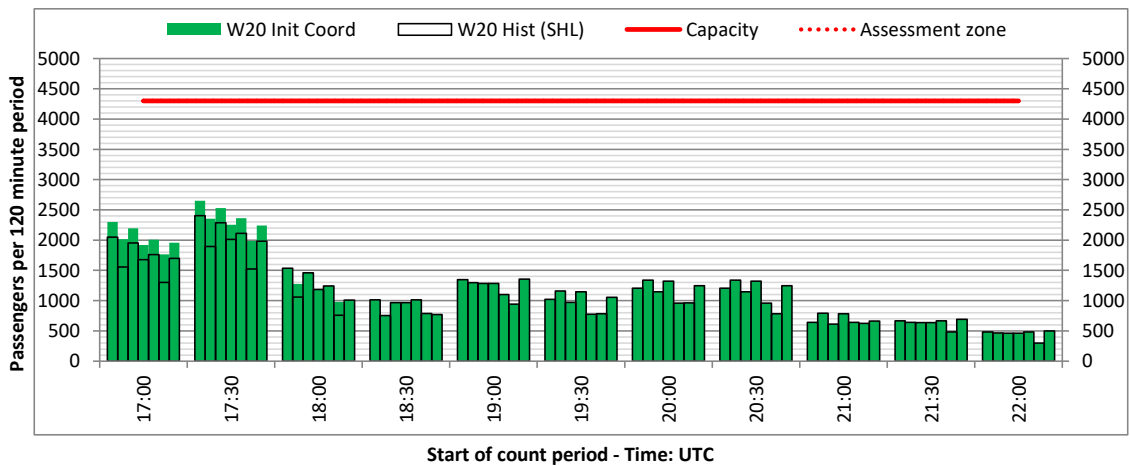
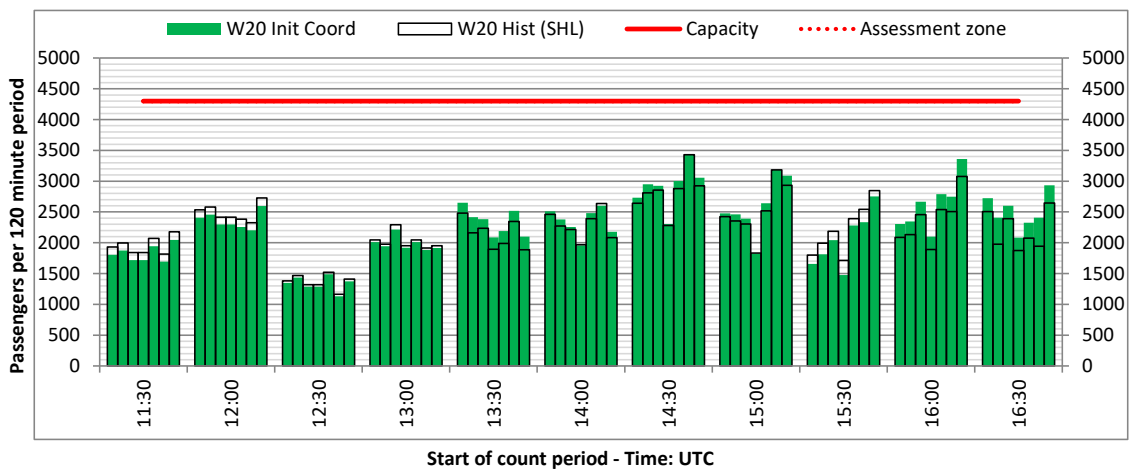
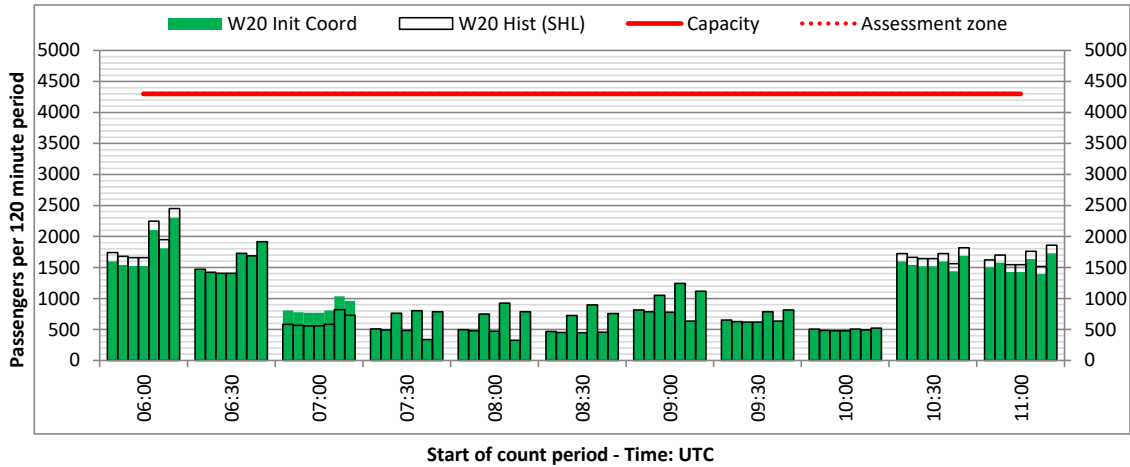
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

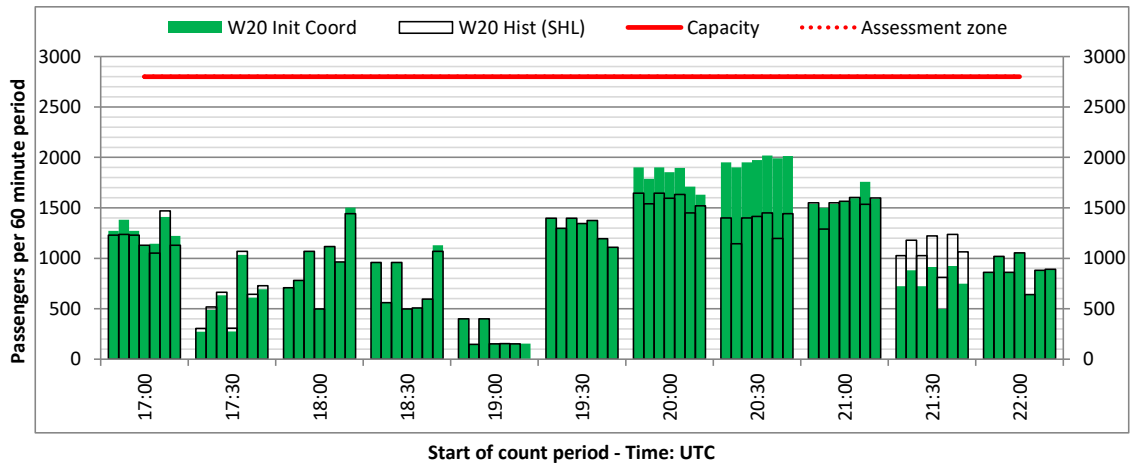
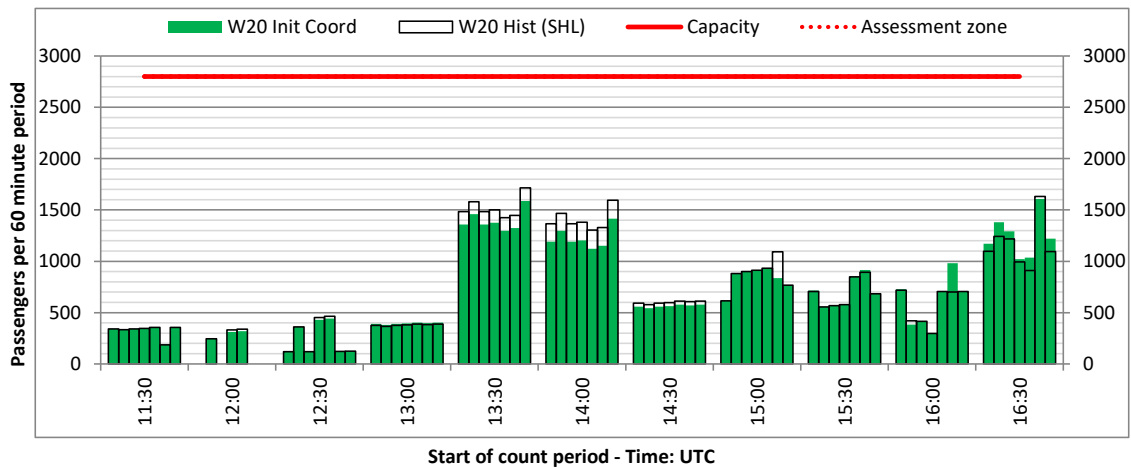
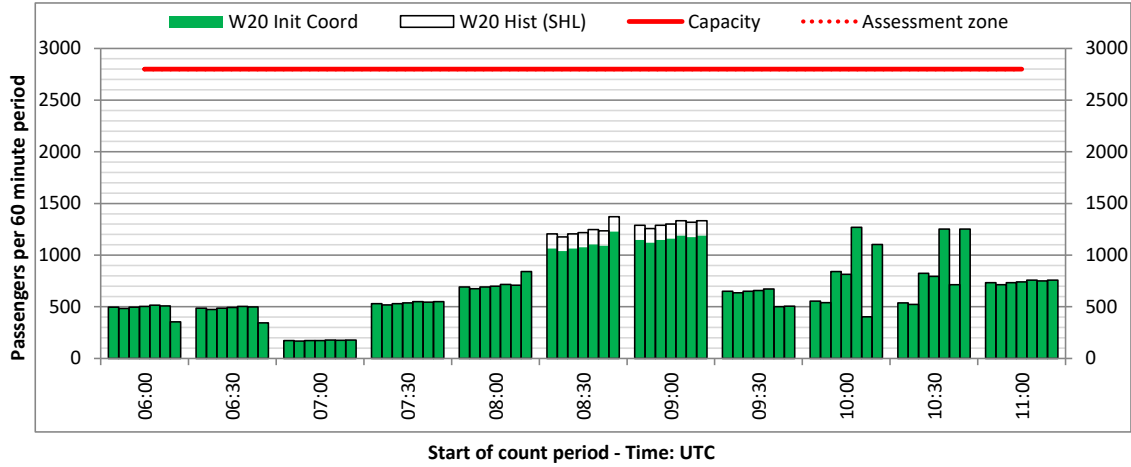
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Peak Week - Passengers Histogram

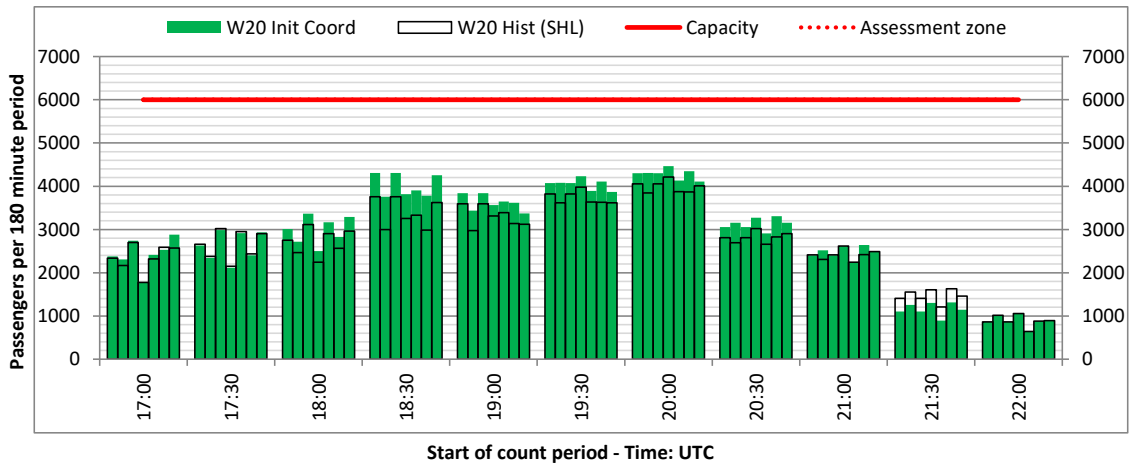
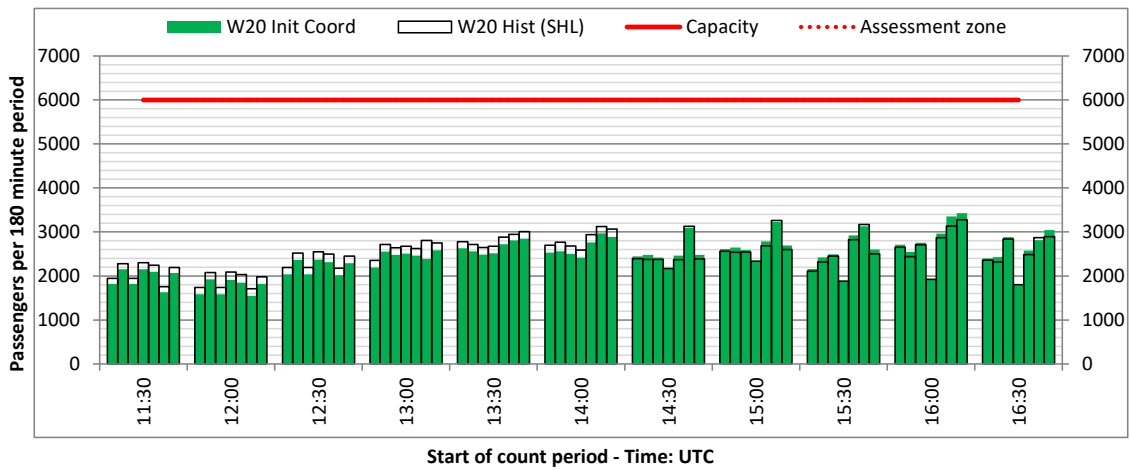
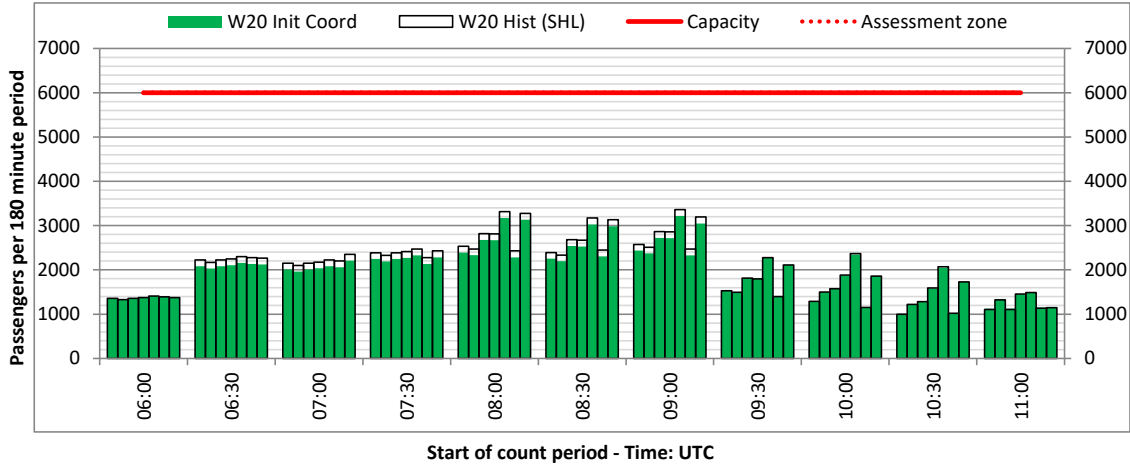
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



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Peak Week - Passengers Histogram

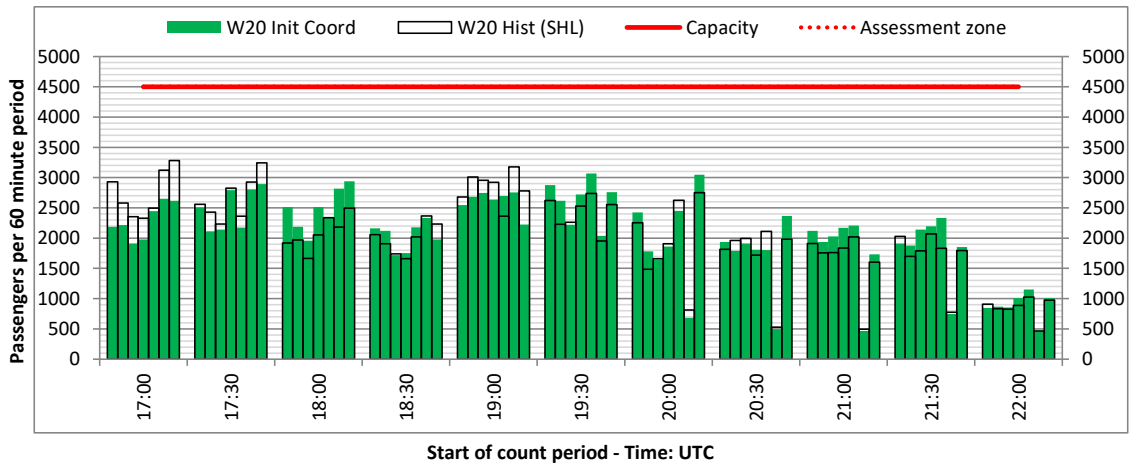
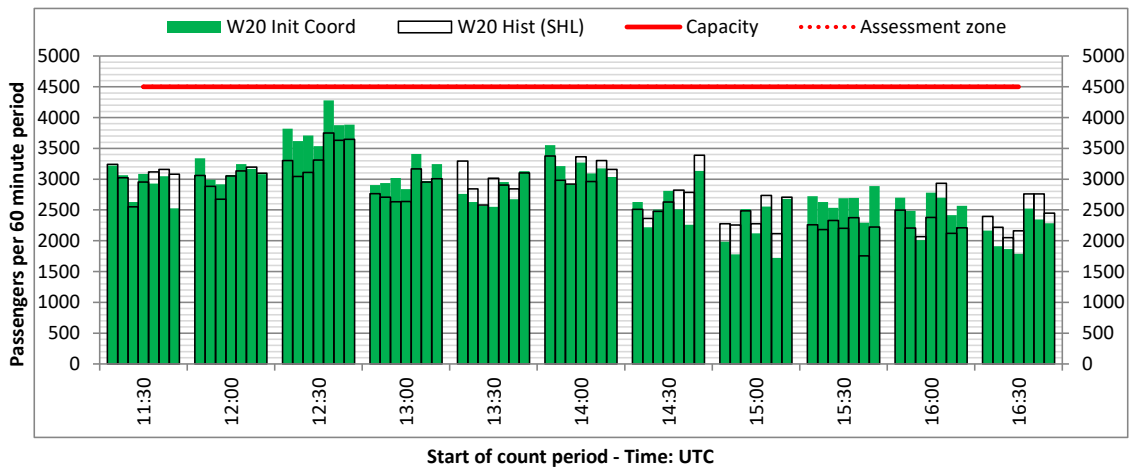
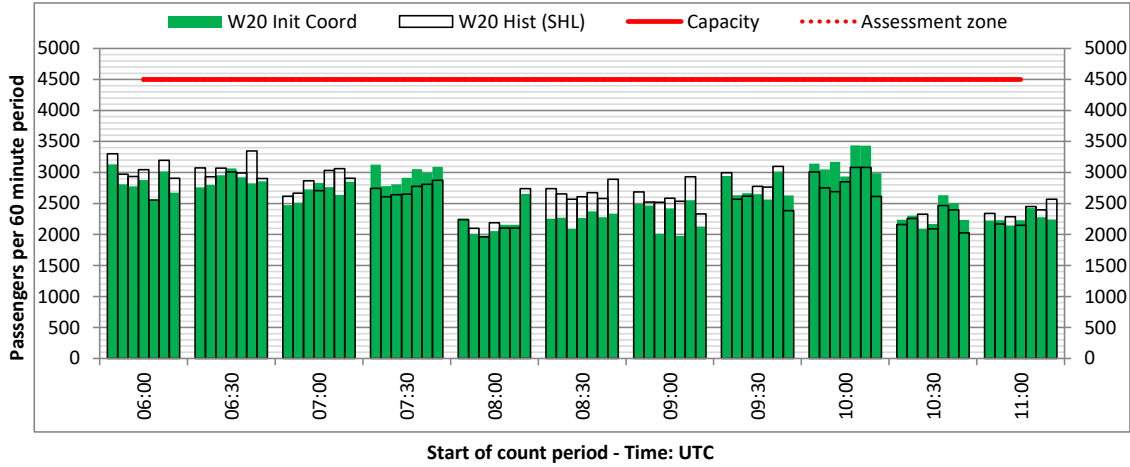
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

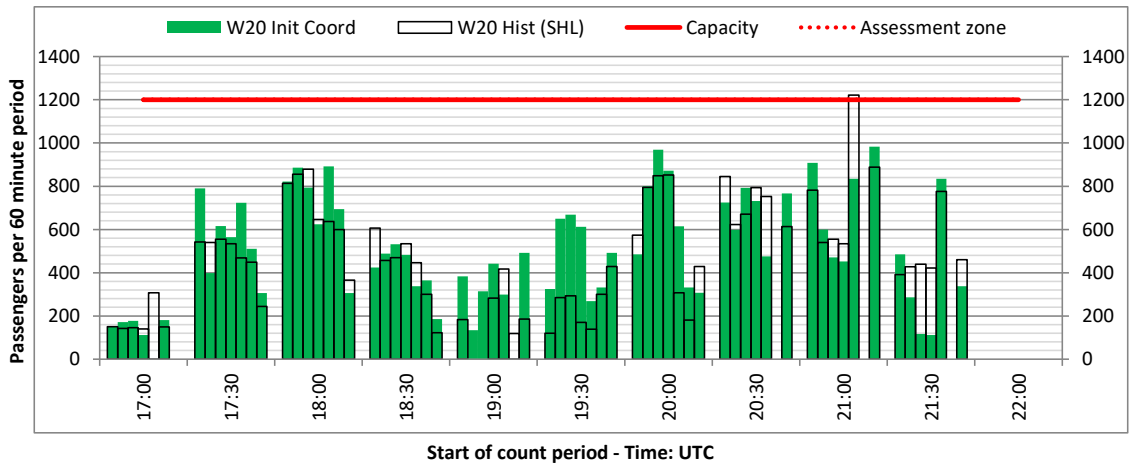
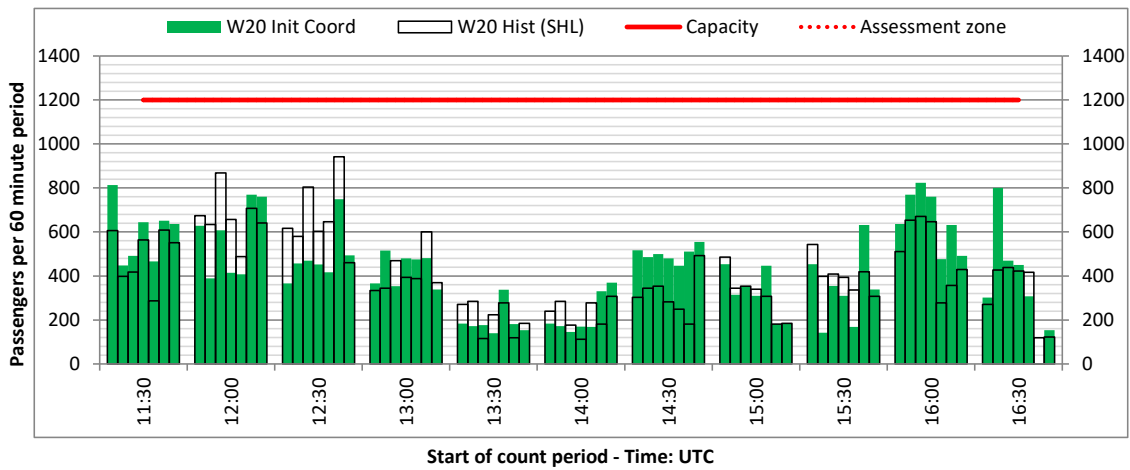
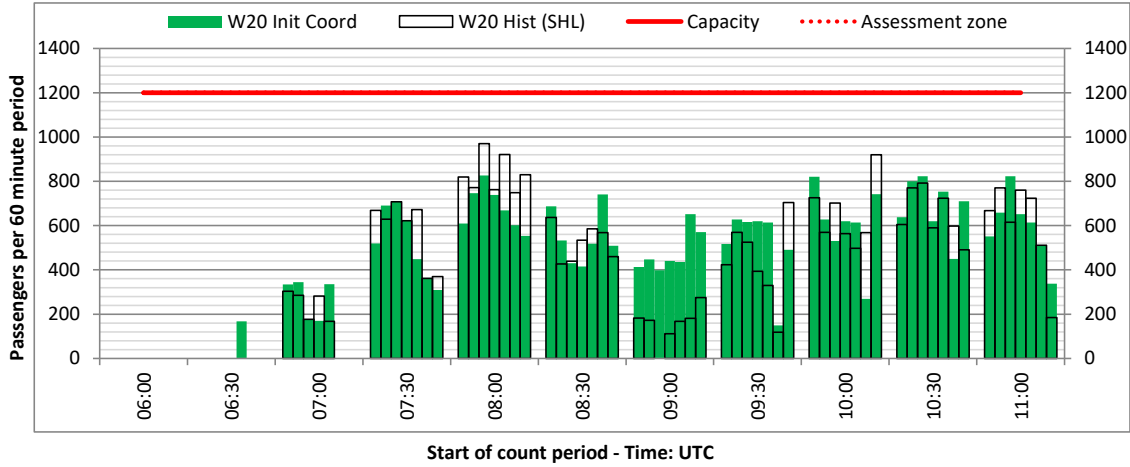
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5D

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

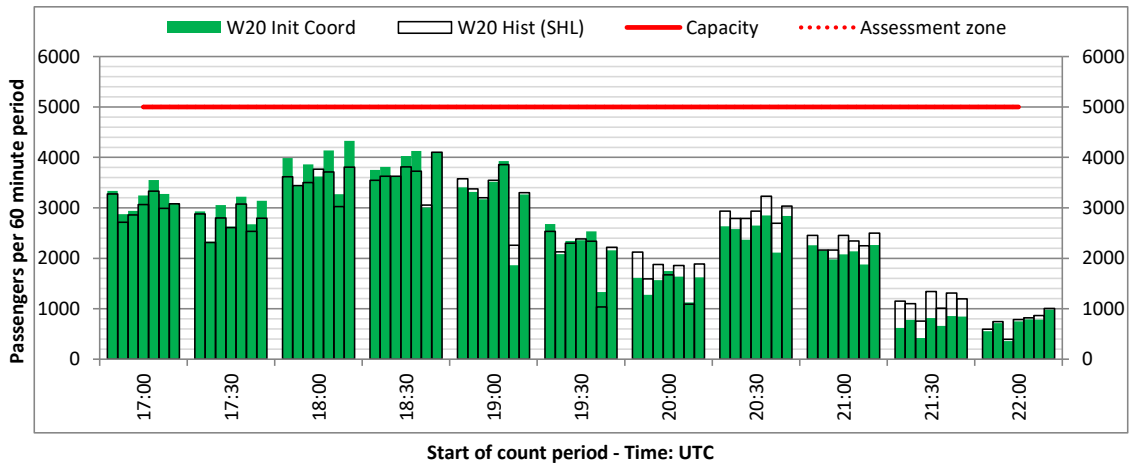
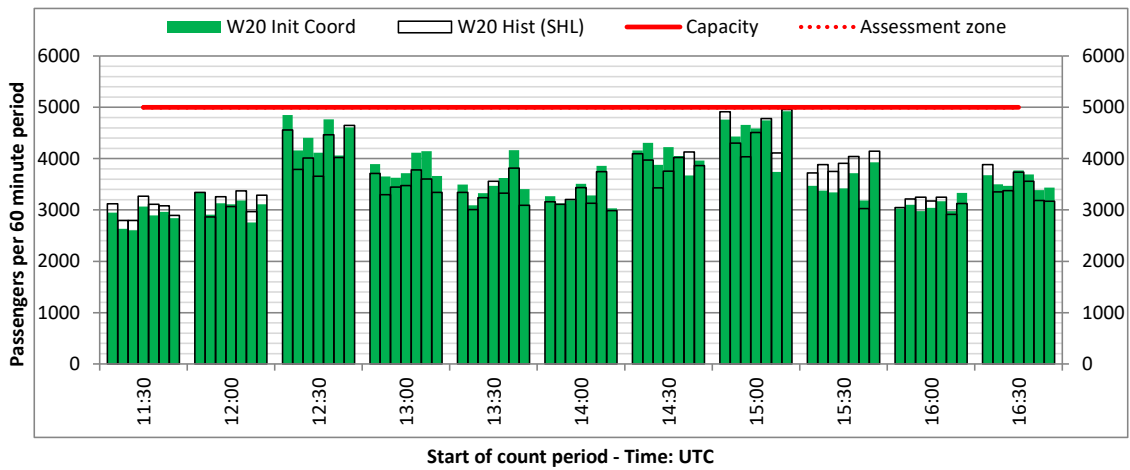
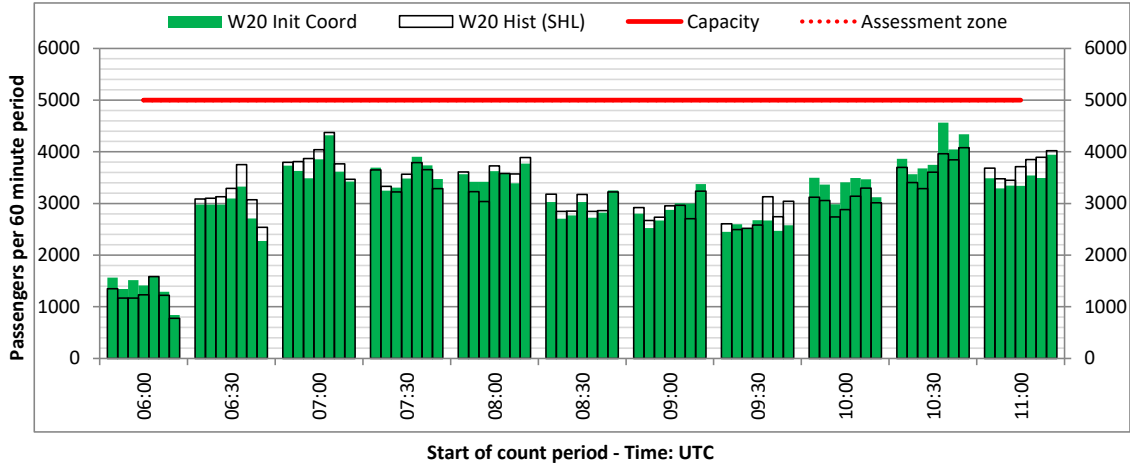
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5D 5I

Operators: All Operators

Days: 1234567



Glossary



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

Data snapshot descriptions

W19 Init Coord	W19 schedule as cleared on Fri 07-Jun-19.
W20 Hist (SHL)	W20 schedule as cleared on Tue 31-Mar-20.
W20 Init Coord	W20 schedule as cleared on Thu 04-Jun-20.

Peak Week	Peak week for W19 is Mon 24-Feb-20 to Sun 01-Mar-20. Peak week for W20 is Mon 22-Feb-21 to Sun 28-Feb-21.
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For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	LHR-W19-Initial Coord Report-Standard	Sun 27-Oct-2019	Sat 28-Mar-2020	UTC
Full Season Rep 2	LHR-W20-SHL-Standard	Sun 25-Oct-2020	Sat 27-Mar-2021	UTC
Full Season Rep 3	LHR-W20-Initial Coordination Report-Standard	Sun 25-Oct-2020	Sat 27-Mar-2021	UTC

	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	LHR-W19-Initial Coord Report-Standard	Mon 24-Feb-2020	Sun 01-Mar-2020	UTC
Peak Week Rep 2	LHR-W20-SHL-Standard	Mon 22-Feb-2021	Sun 28-Feb-2021	UTC
Peak Week Rep 3	LHR-W20-Initial Coordination Report-Standard	Mon 22-Feb-2021	Sun 28-Feb-2021	UTC