

London Airspace Consultation

Appendix H

Detailed route usage tables for flights to/from London City, London Biggin Hill and London Southend airports

The main parts of the consultation document give an overview of the potential number of aircraft that could overfly a location as a consequence of this proposal.

This appendix provides a more detailed breakdown of traffic numbers for relevant London City, London Biggin Hill and London Southend traffic flows.

The appendix is split into sections to match the parts of the consultation document.

A detailed traffic breakdown is provided to complement the maps relating to London City, London Biggin Hill and London Southend flight paths in Parts E and F.

The maps in this appendix are duplicates of those in the consultation document, but with additional traffic details overlaid as noted in the title of each map. Traffic data boxes are colour coded to match the colour of the arrows on the map.

See the relevant part of the consultation document for map keys and qualitative details about the traffic flows shown on each.

NB:

- London City Airport opens at 0630 and closes at 2200 during the week. The times quoted in these tables allow for flying time for an aircraft to arrive at the airport just as it would open, and from the airport just as it would close (see Parts E and F for details).
- The peak hour for the average of combined flows may be different from the peak hour for the average of the individual component flows that make up that combination.

Data from the European Central Flow Management unit has been grown to the analysis years of 2016 (expected year of implementation), 2020 and 2025. It counts traffic filing a flight plan to fly through controlled airspace only.

The growth factors used have been derived from 'with development' growth figures from the 'London City Airport Needs Statement' associated with the current planning application.

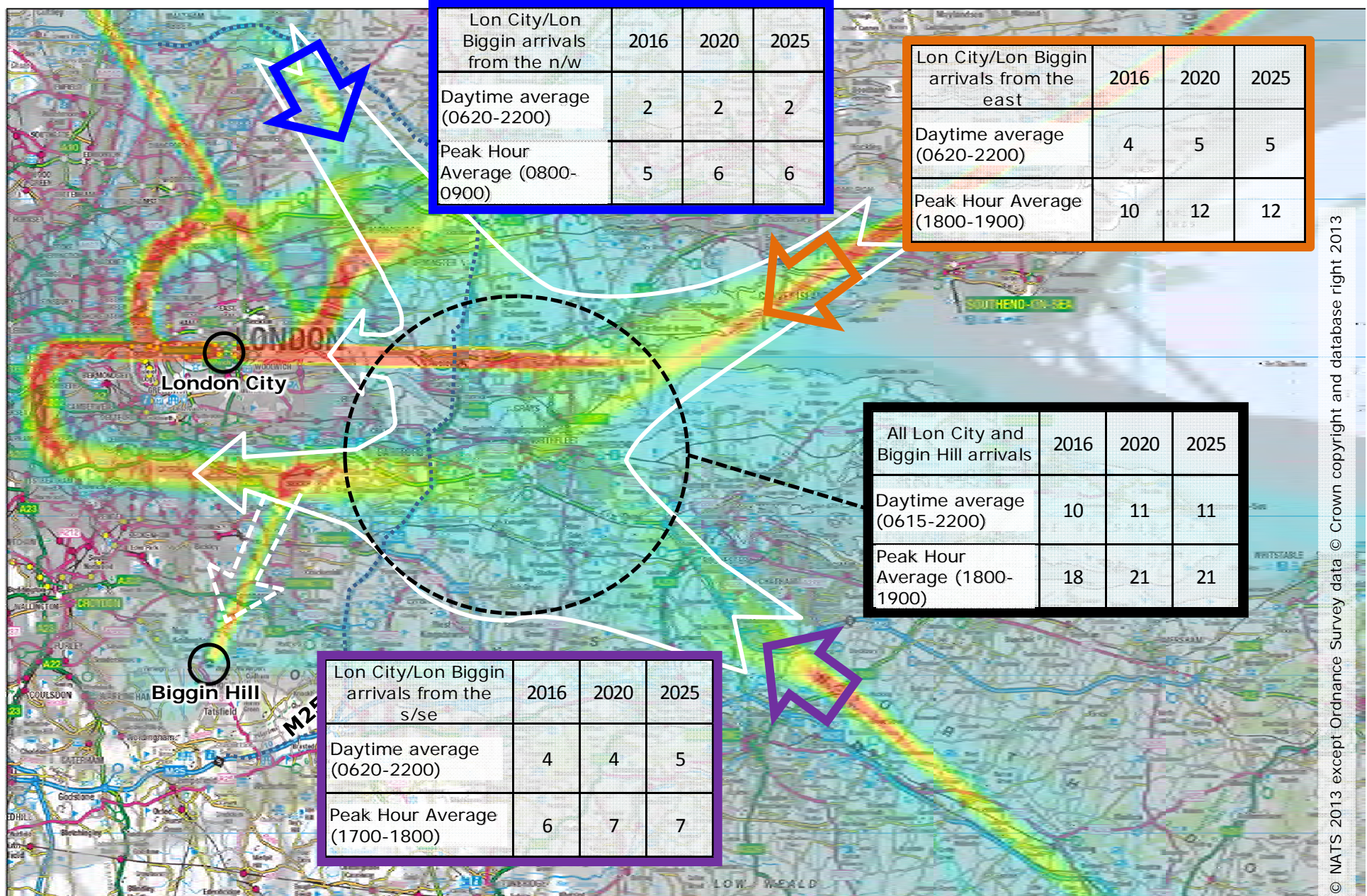
The derived growth from today's traffic levels are:

Year	Forecast growth from 2012
2016	32.1%
2020	54.7%
2025	57.5%

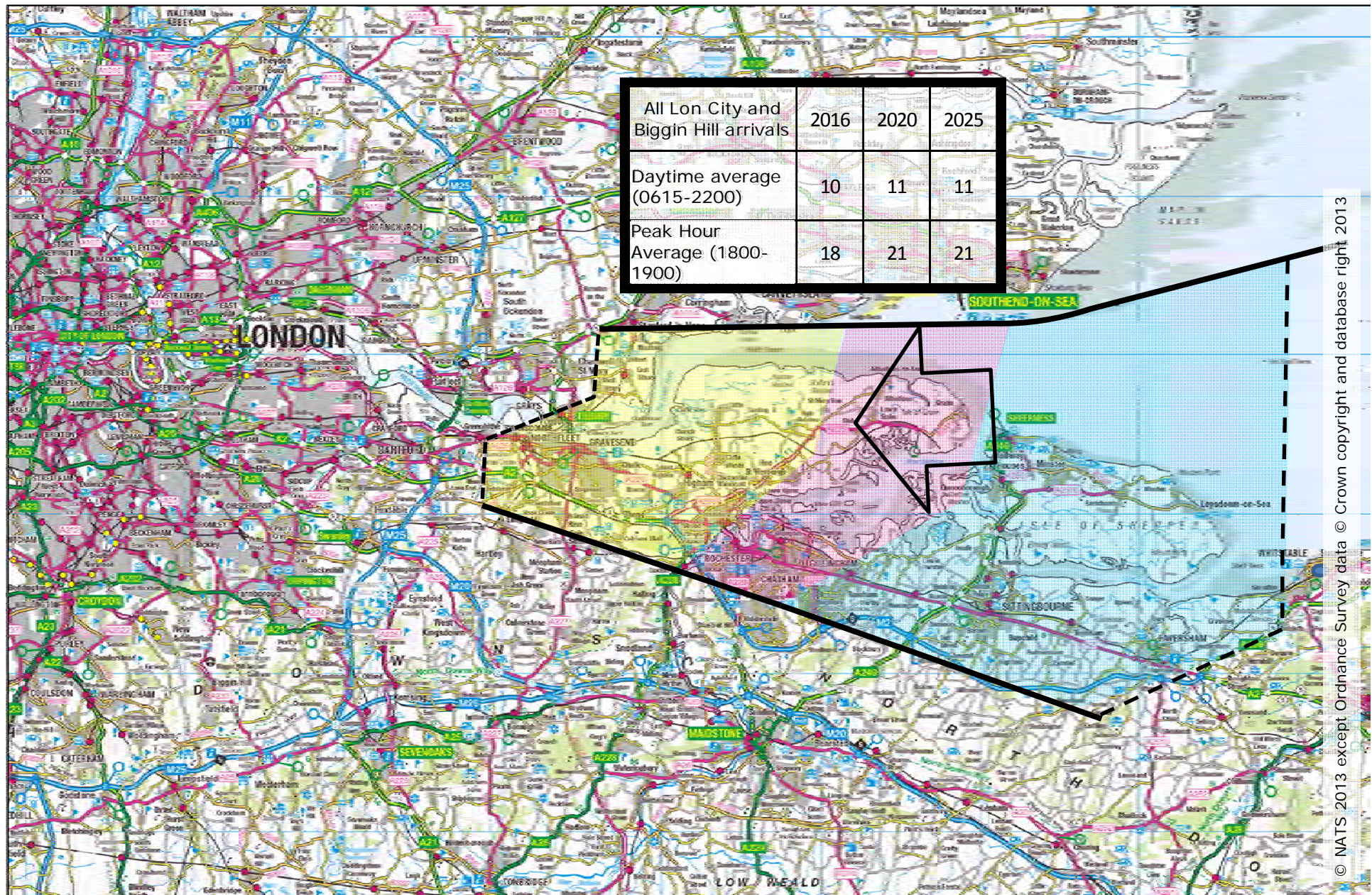
82% of the combined sample comprised of London City flights, with 18% comprising flights for Biggin Hill and London Southend. Given that the traffic numbers on the routes analysed are low, rounded to integers, and dominated by London City, applying specific growth factors to London Biggin Hill and London Southend would be very unlikely to significantly affect the results shown here. For simplicity the London City growth factor was applied to all these airport flows.

Complementary arrival data for Part E Figure E2

All data presented here represents average flights per hour

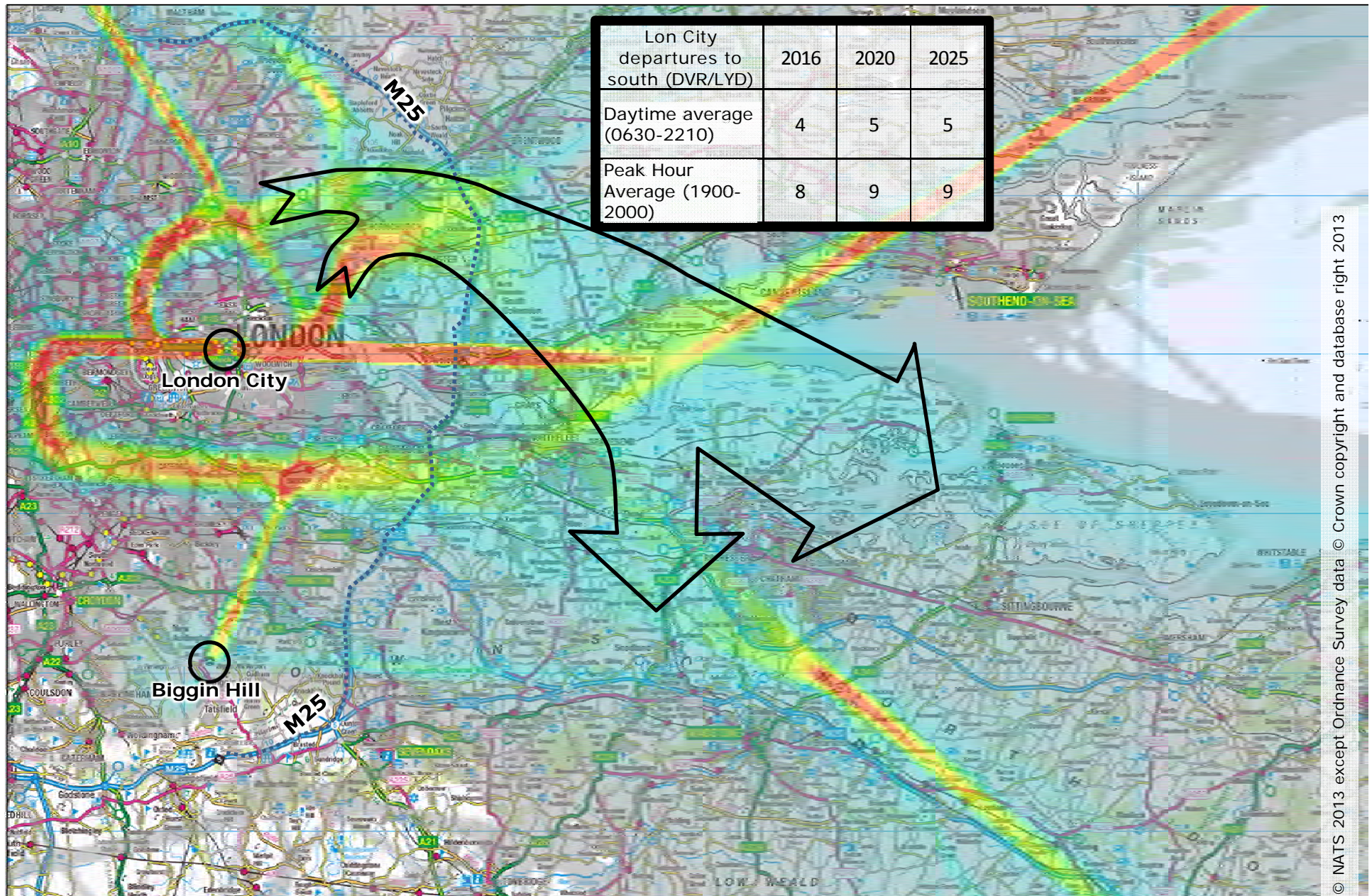


Complementary arrival data for Part E Figure E8
 All data presented here represents average flights per hour

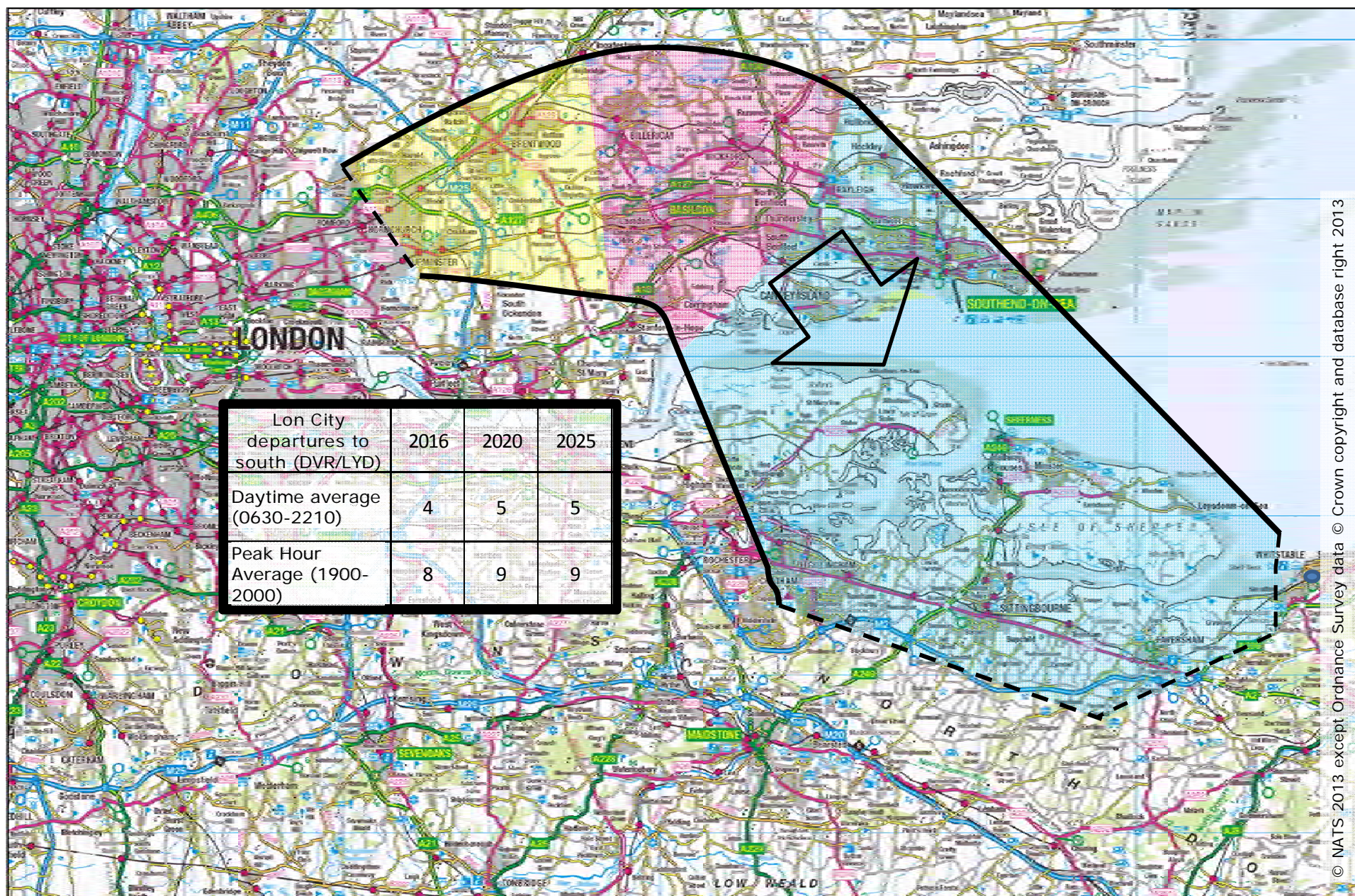


Complementary departure data for Part E Figure E2

All data presented here represents average flights per hour



All data presented here represents average flights per hour



Complementary arrival data for Part F Figure F2

All data presented here represents average flights per hour

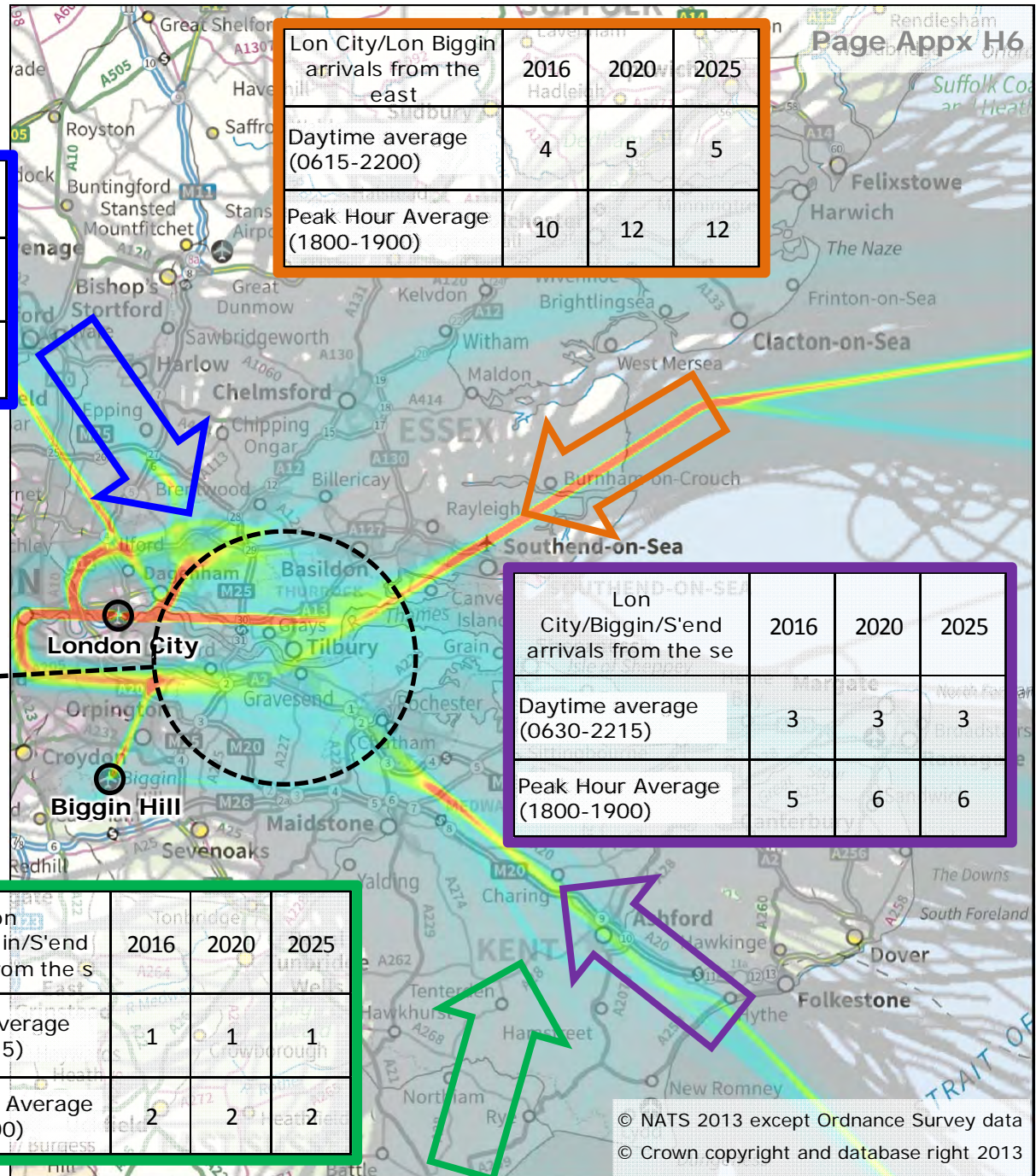
Lon City/Lon Biggin arrivals from the n/w	2016	2020	2025
Daytime average (0615 -2200)	2	2	2
Peak Hour Average (0800-0900)	5	6	6

Lon City/Lon Biggin arrivals from the east	2016	2020	2025
Daytime average (0615-2200)	4	5	5
Peak Hour Average (1800-1900)	10	12	12

All Lon City and Biggin Hill arrivals	2016	2020	2025
Daytime average (0615 -2200)	10	11	11
Peak Hour Average (1800-1900)	18	21	21

Lon City/Biggin/S'end arrivals from the se	2016	2020	2025
Daytime average (0630-2215)	3	3	3
Peak Hour Average (1800-1900)	5	6	6

Lon City/Biggin/S'end arrivals from the s	2016	2020	2025
Daytime average (0630-2215)	1	1	1
Peak Hour Average (1700-1800)	2	2	2



Complementary arrival data for Part F Figure F9

All data presented here represents average flights per hour

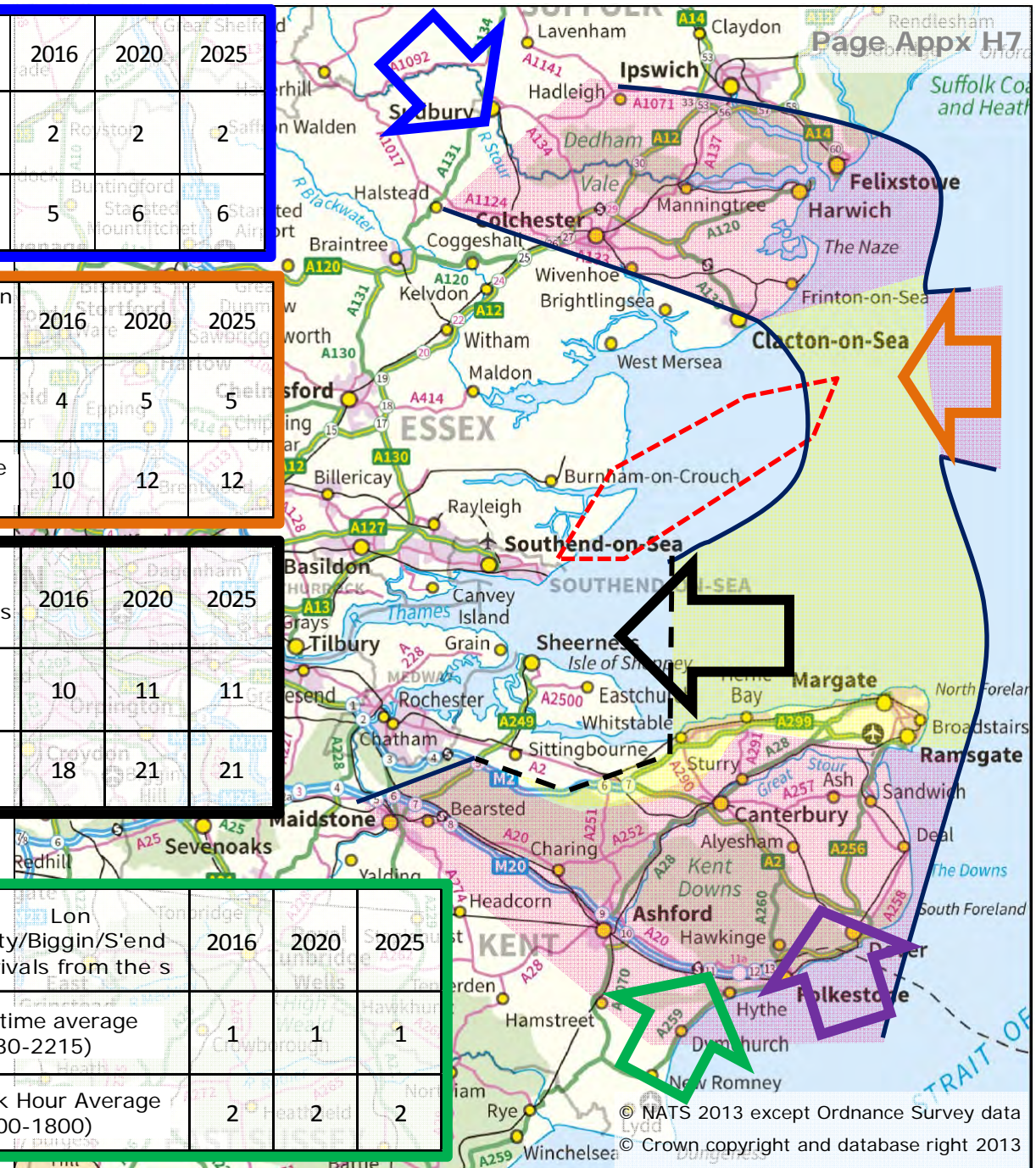
Lon City/Lon Biggin arrivals from the n/w	2016	2020	2025
Daytime average (0615 -2200)	2	2	2
Peak Hour Average (0800-0900)	5	6	6

Lon City/Lon Biggin arrivals from the east	2016	2020	2025
Daytime average (0615-2200)	4	5	5
Peak Hour Average (1800-1900)	10	12	12

All Lon City and Biggin Hill arrivals	2016	2020	2025
Daytime average (0615 -2200)	10	11	11
Peak Hour Average (1800-1900)	18	21	21

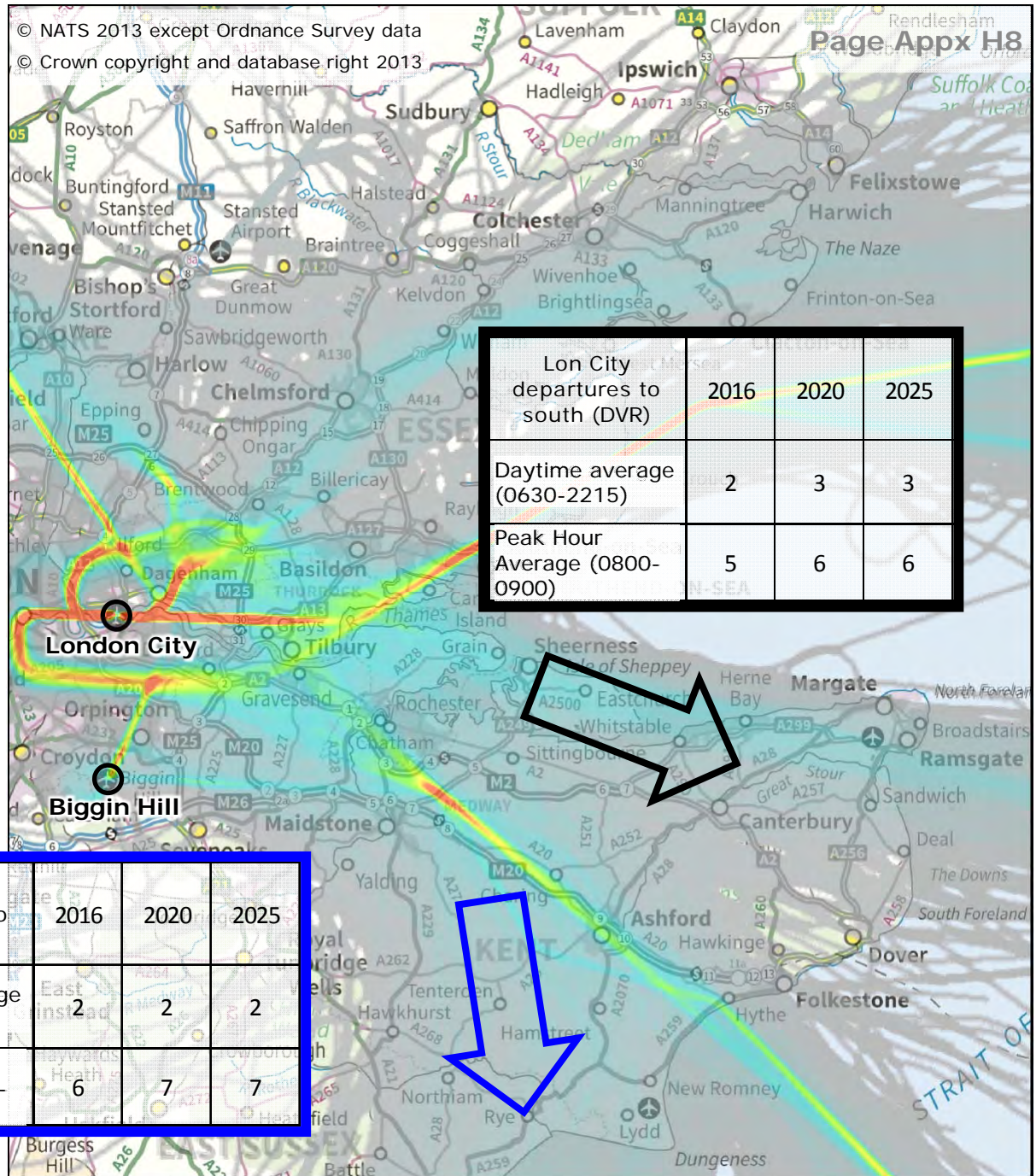
Lon City/Biggin/S'end arrivals from the se	2016	2020	2025
Daytime average (0630-2215)	3	3	3
Peak Hour Average (1800-1900)	5	6	6

Lon City/Biggin/S'end arrivals from the s	2016	2020	2025
Daytime average (0630-2215)	1	1	1
Peak Hour Average (1700-1800)	2	2	2



**Complementary arrival data
for Part F Figure F2**

All data presented here represents
average flights per hour



**Complementary arrival data
for Part F Figure F10**

All data presented here represents
average flights per hour

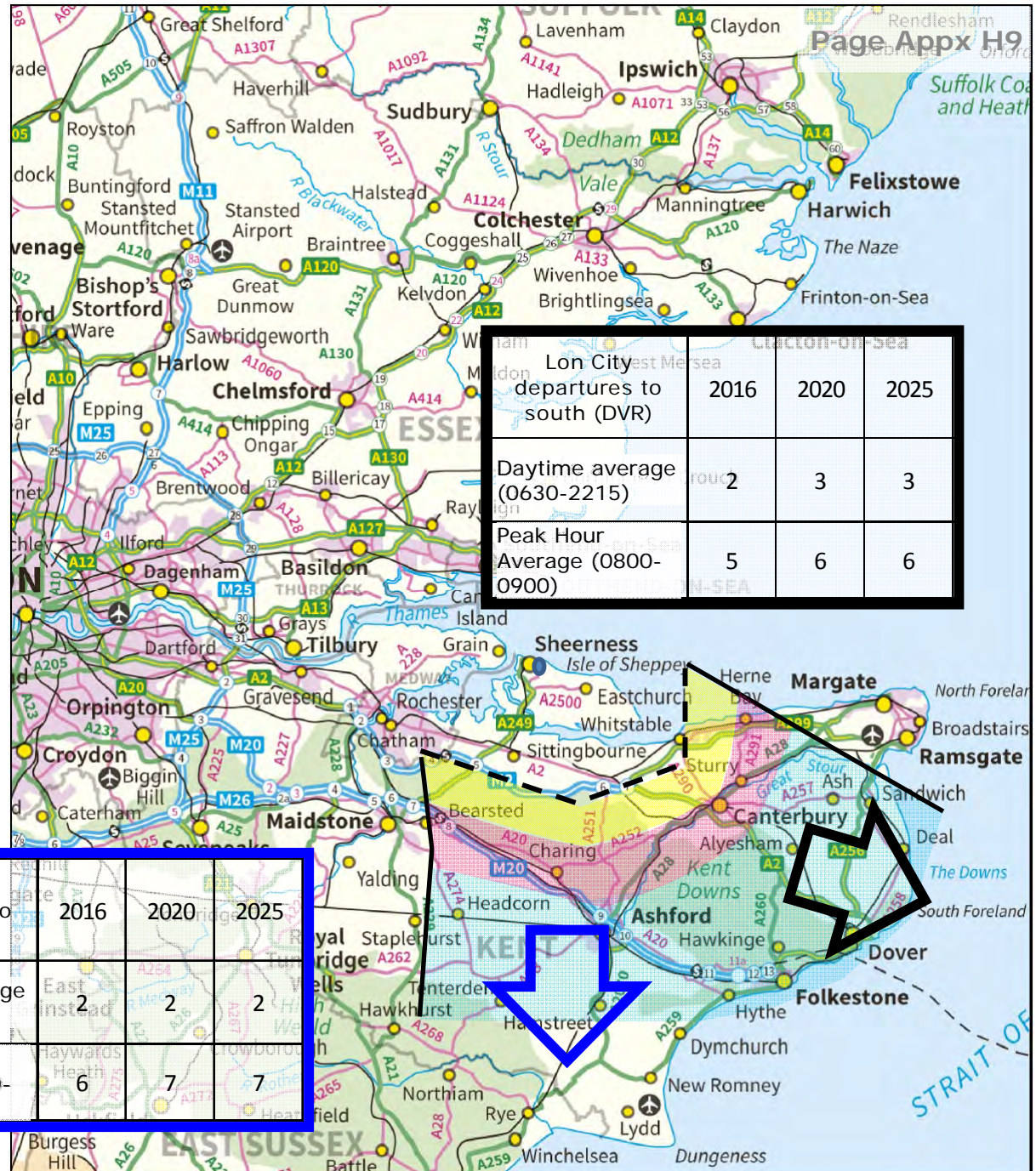


Figure F10: Consultation swathe for London City Airport departure routes to the south above 7.000ft