Etihad Airways – Polar Ops Overview CPWG 23

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Flight Dispatch
Etihad Airways

ETIHAD AIRWAYS PARTNER

ETIHAD AIRWAYS - GENERAL

- Established in 2003
- Total employees: approx. 27000, 143 different nationalities
- Hub: Abu Dhabi, capitol of the UAE
- 116 destinations including Passenger and Cargo
- 125 airplanes incl. A320 - , A330 - , A340 family, A380, B787 – 9, B777-200LR, -300ER
- Cargo fleet A330-200F, B777-200LRF
- Future expansion: order for A320, A350, A380 and B787, B777

- Equity Partnership: Air Berlin, Alitalia, Jet Airways, Virgin Australia, Air Syechelles, Air Serbia and Etihad Regional

FLIGHT DISPATCH

- Approx. 400 flights per day
- ETOPS, ULR, LR flights
- AUSOTS/ NATOTS/ Polar Operations
- European, Middle East and some individual flights are calculated through AOS
- Flight Dispatch for Equity Partner Air Seychelles A320/ A330

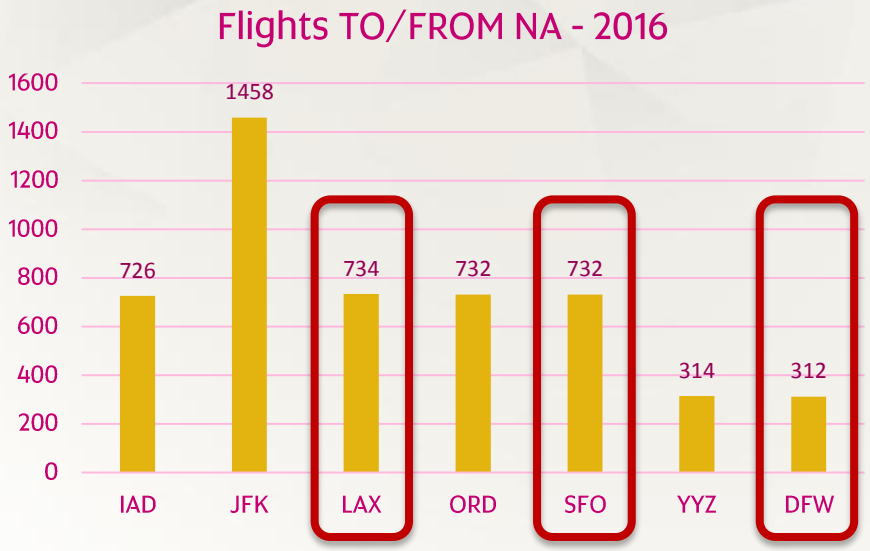
FLIGHT DISPATCH – POLAR OPERATIONS

Currently three possible Polar Ops flights per day

- AUH – LAX, AUH – SFO and AUH - DFW
- Operated by B777 – 200LR and B777 – 300ER; mainly used WPs ABERI
- NIRUT, ADEMA, AGATA, PIREL and MAGUN used for Higher flexibility
- WP RATLA, LEDUN, KELEK, INLOG and OLEMA in Finnish airspace

FLIGHT DISPATCH – POLAR OPERATIONS

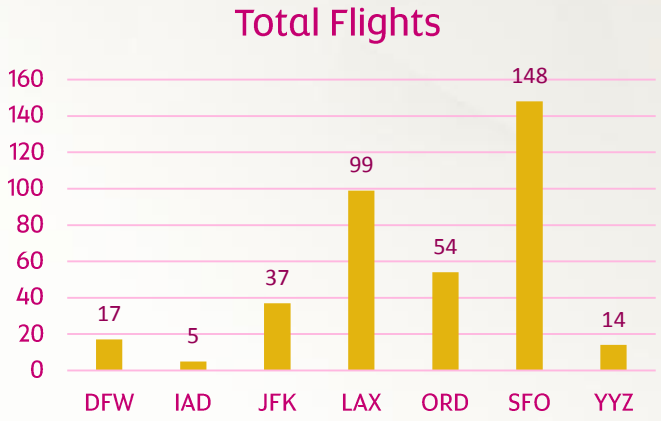
- 5008 flights operated to/from North American destination in 2016 (excludes delivery, diversion and cargo flights)
- Potential 1778 Polar flights in 2016 to/from LAX, SFO, DFW



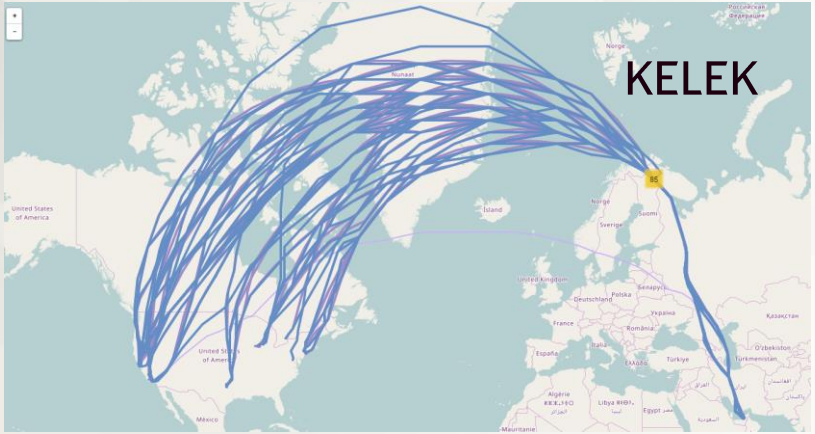
FLIGHT DISPATCH – USAGE FINNLAND AIRSPACE 2016

Flights TO/FROM AUH via WP LEDUN, INLOG, OLEMA, RATLA, KELEK

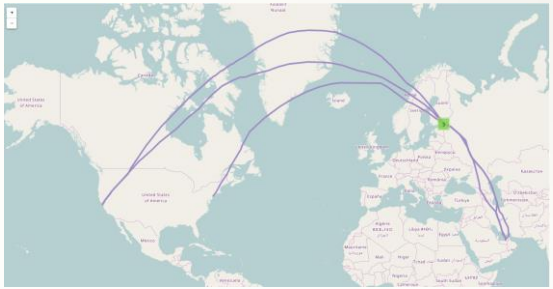
- Approx. 400 flights operated in 2016 through above mentioned WPs
- 8% of total flights to/from North America and 15% of possible Polar flights

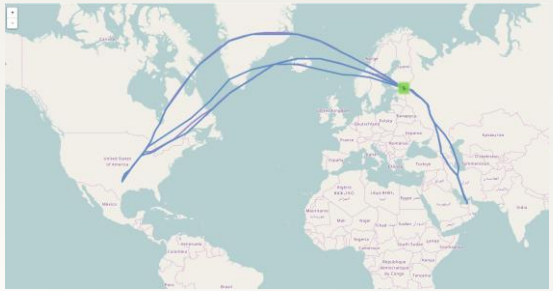


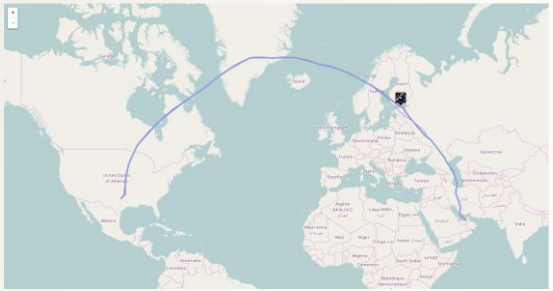
FLIGHT DISPATCH – USAGE FINNLAND AIRSPACE 2016



LEDUN, INLOG, OLEMA





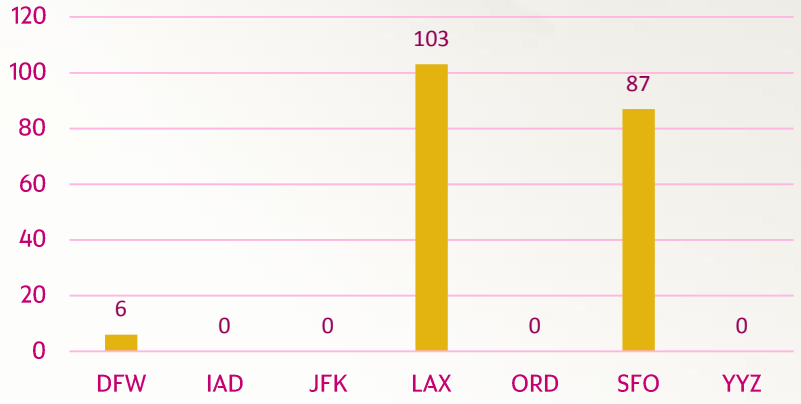


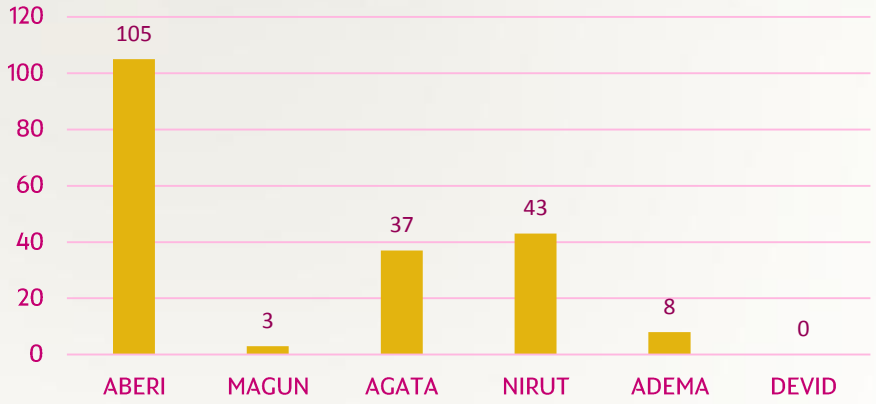
FLIGHT DISPATCH – USAGE RUSSIA AIRSPACE 2016

Flights TO/FROM AUH via WP DEVID, ABERI, MAGUN, AGATA, NIRUT, ADEMA

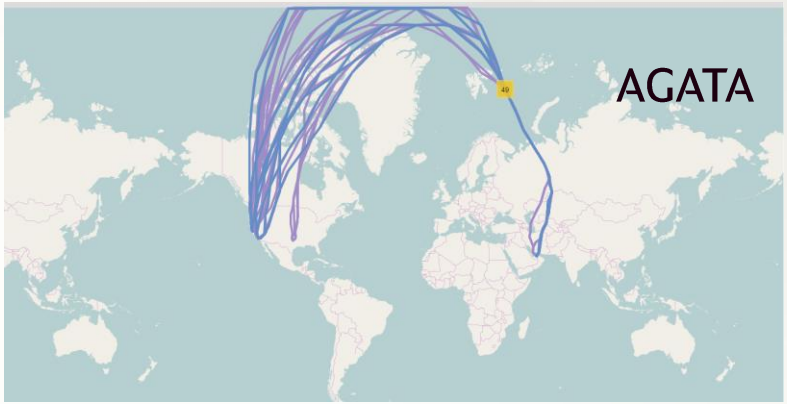
- New WP RITAK no included in stats/ opened 2017

- Approx. 200 flights operated in 2016 through above mentioned WPs
- 4% of total flights to/from North America and 11% of possible Polar flights



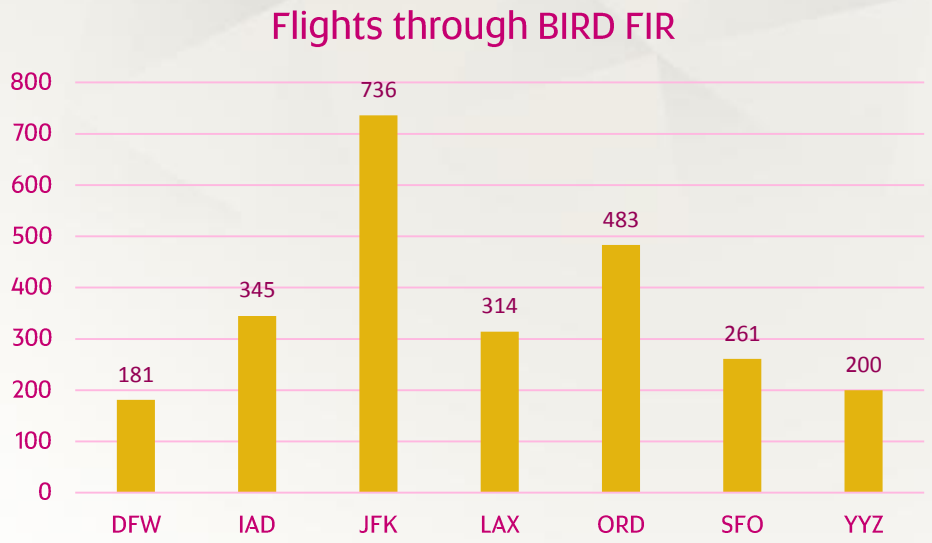


FLIGHT DISPATCH – USAGE RUSSIA AIRSPACE 2016



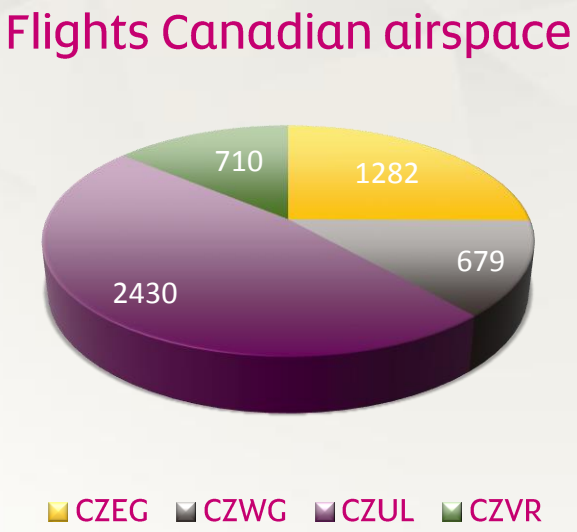
FLIGHT DISPATCH – USAGE ICELAND AIRSPACE 2016

- Approx. 2520 flights operated in 2016 through BIRD FIR
- 50,3 % of total flights to/from North America and 42,5% of possible Polar flights

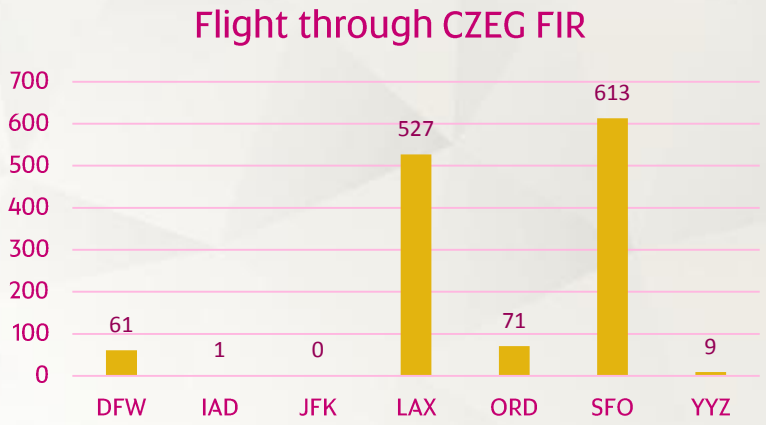


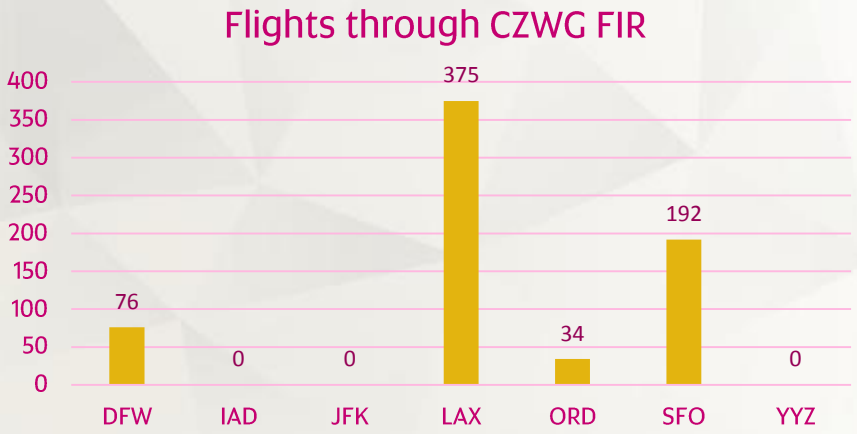
FLIGHT DISPATCH – USAGE CANADIAN AIRSPACE 2016

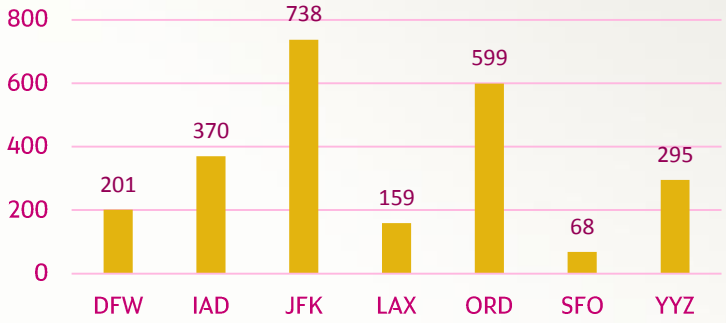
- For stats considered only
  - CZEG (Edmonton)
  - CZUL (Toronto)
  - CZWG (Winnipeg)
  - CZVR (Vancouver)

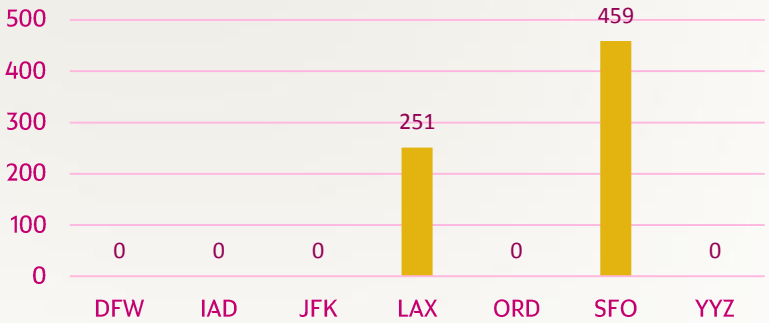


FLIGHT DISPATCH – USAGE CANADIAN AIRSPACE 2016



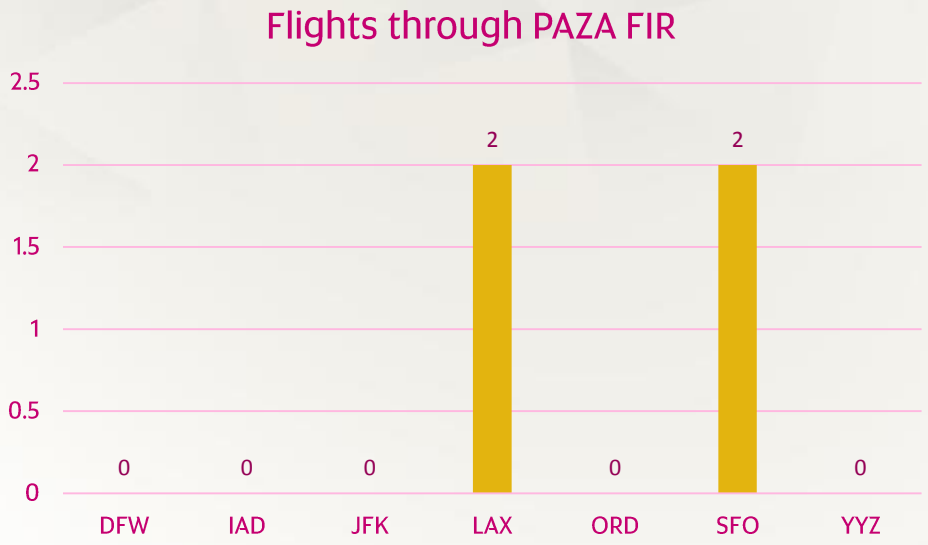






FLIGHT DISPATCH – USAGE PAZA AIRSPACE 2016

- Currently PAZA airspace not really used



FLIGHT DISPATCH – POLAR OPERATIONS – FUTURE PROJECTS

- Enhancing Polar Operations for Etihad Airways
- Implementation of DARP, especially on Polar Routes;
- Working on route proposals/ WP proposals to ANSPs
- Currently working (trials) with ISAVIA on CPR/ PRM for flights operating through BIRD FIR

Thank you!