

AIRWAYS

NZZO update

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ISPACG 38 - Santiago
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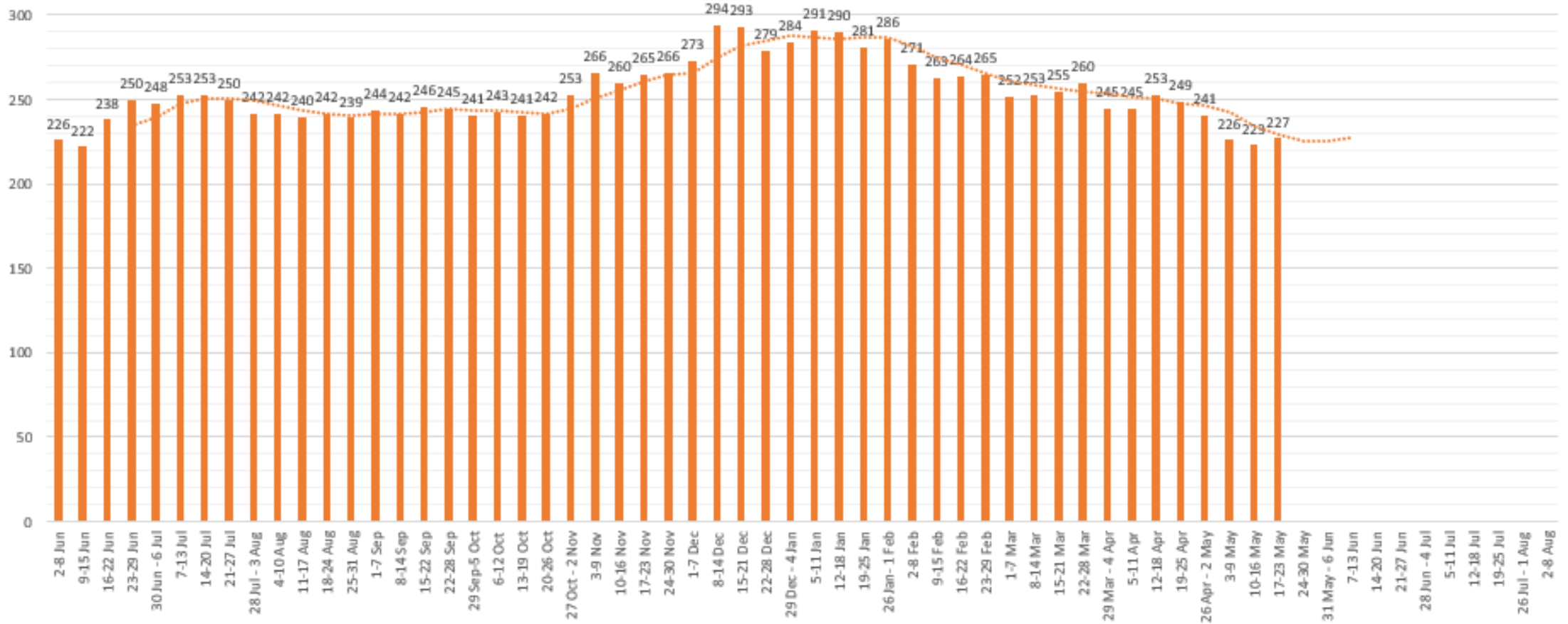
Traffic trends

- The recovery post Covid saw record high traffic levels. During the NZ summer we had traffic numbers approx. 10% higher than our previous record high.
- Due to engine issues for Air NZ and the seasonal schedules for Air Canada and US carrier numbers have reduced to levels consistent with 2019.
- Expect busy period again from November to Feb/March 2025.

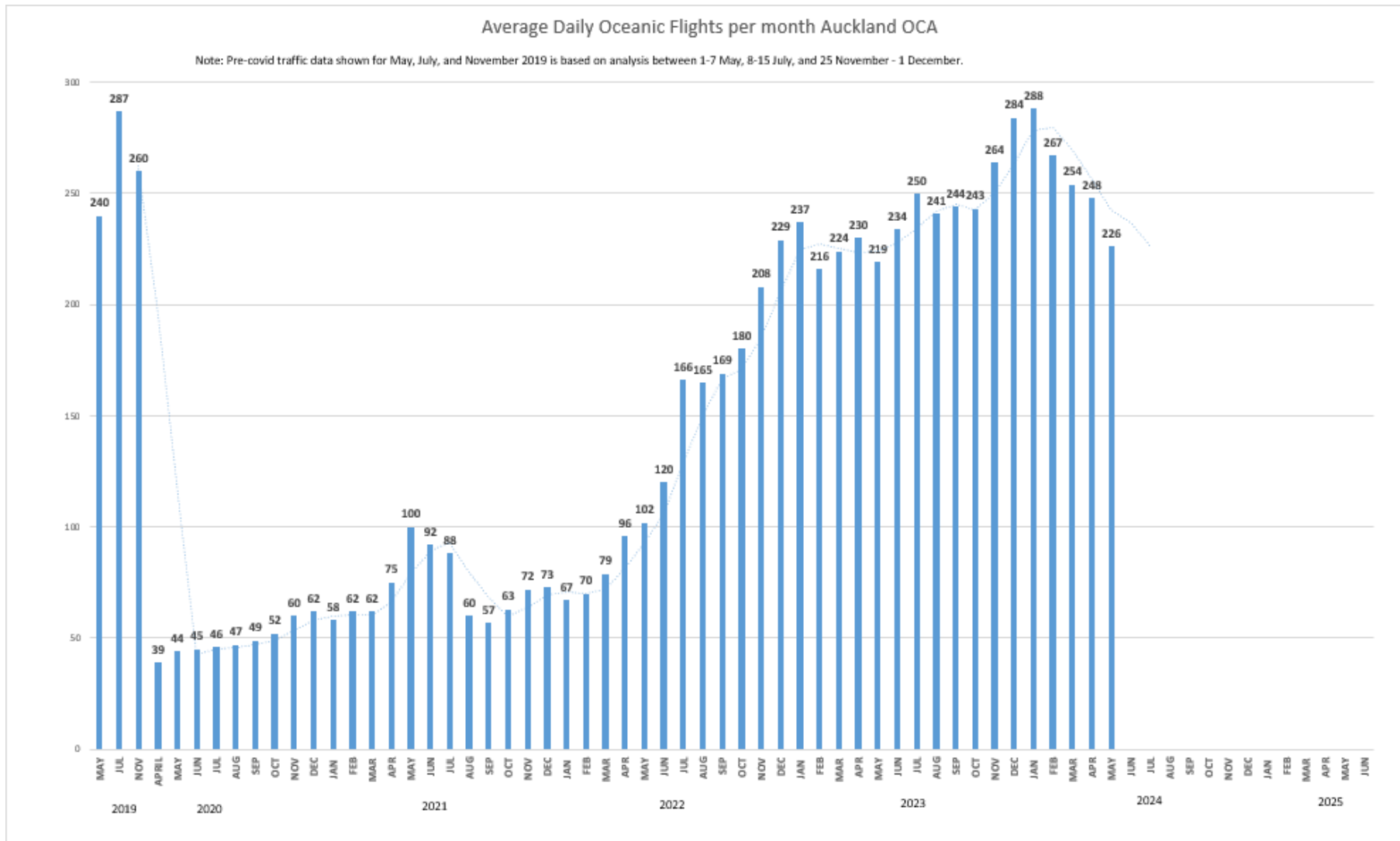
Upcoming

- During October 2024, the Commonwealth Heads of Government Meeting (CHOGM) is being held in Western Samoa. More than 50 world leaders expected to attend, including King Charles III. We manage the airspace above Western Samoa and have begun planning for the event in coordination with Samoa Airports. This will be a complex process (Fua'amotu Airport can has parking capacity for five large aircraft, so we expect aircraft will be relocating throughout the Pacific.

Traffic numbers



Traffic recovery



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Sky-X ATM and transition to new ATC centre



- Successfully relocated to the new building in July 2023
- Skyline – X transition completed October 2023
- No outages, delays or significant issues
- Training – several ATC approaching retirement. Oceanic planning for eight trainees a year for the next two years at least.
- Planning to operate from our contingency centre on a regular basis for training and familiarisation purposes.

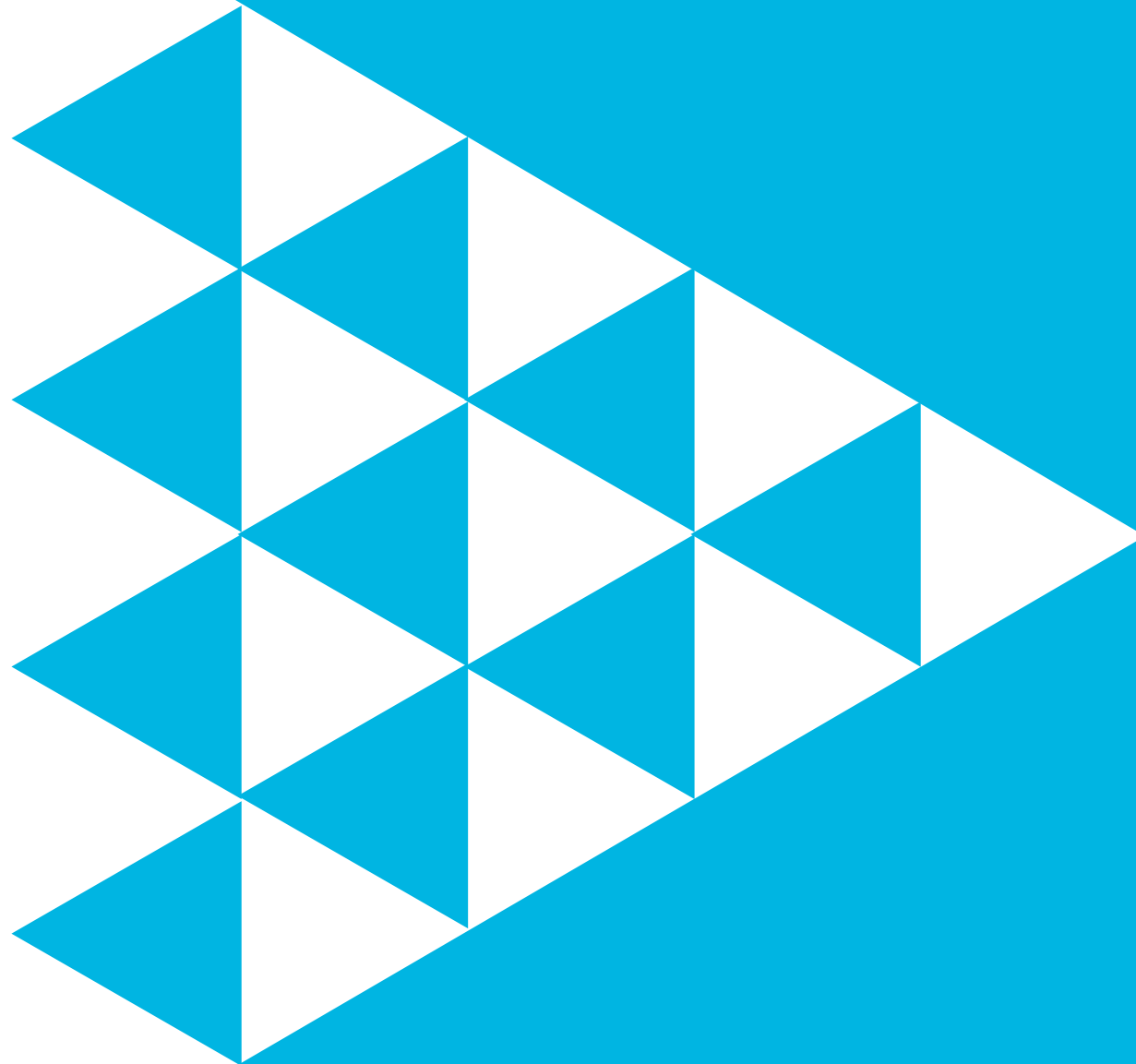
In the pipeline

- Domestic re-sectorisation project
- Exploring contingency options for NZZO
- Move to a new Voice Switch
- (NF sector/NFFN expanded)



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Auckland Oceanic Software update



In the past year

Created and released a new sector

- Traffic pattern evaluation resulted in current sectors, Tasman and Pacific, were not allowing for effective traffic management
- Created a new Sector called the Norfolk Sector (AN)
- Allowed for new combinations of sectors; if one sector was busier than the other, we can switch the AN sector between TAS and PAC sectors
- Allow another stand-alone sector – emergencies + future proofing



Evaluated repetitive messaging distractions for the controllers

- Outcome was that only one message relating to coordination/recoordination would be posted into the sector queue.
- This message was dynamic so when the message was actioned it was always current
- The VSP timer was modified from 10 mins to 5 mins set to re-post/re-check the differences (or an implicit probe)
- 23 lateral separation implemented – RSP180
- Suitably equipped aircraft we reduced the lateral separation from 30nm to 23nm



Plans for the next 12 months

- Datalink in Reserve – was delayed in 2023
- D20 - delayed from 2023. All approved just need to develop software and release
- Develop easy to use enroute holding tool
- Allow Lateral offset's in NZZO
- Intergration of satvoice dialling into OCS
- OCS Hardware and operating systems upgrade project
- Decision to go with IBM as they can run current code and new code simultaneously
- Delivery of the first of the IBM Power 7 series to IBM Power 10 series
- Est completion date late 2026-2027

Hardware and operating system upgrade.

Late 2023/early 2024 plans for a major hardware upgrade for OCS. Included , DAE upgrade, new screens, boxes and moving to a linux platform.

Questions?

