

## NSS WORKING GROUP Mtg 43 (22 July 2022) – KEY MESSAGES

### MoT Update

Budget 2022, \$8.867 million was approved on a tagged contingency basis for the Enabling Drone Integration package. Funding was also obtained in Budget 2022 to support deployment of five of the 24 recommended VOR/DME installations in the MON where user-pays cost recovery is not feasible. MoT has seen strong engagement in the Air Navigation System Review Panel reference group, and presentations to the Panel. Associate Minister McNulty has the responsibility for the review.

### Airways Update

AFTN to AMHS - is scheduled for operational deployment at the beginning of October 2022.  
ATM - Skyline-X Software is now complete; system go live scheduled for March/April 2023  
PSR / SSR - Airways has contracted Indra to deliver a radar surveillance project. This will introduce three new combined Primary Surveillance Radar (PSR) and Monopulse Secondary Surveillance Radar (MSSR) systems to replace existing systems for Christchurch (stage 1), Auckland and Wellington (stages 2 and 3).  
MON update - 3 VORs Aeropath procedures are planned for Dec 24 and further 5 are planned for June 25.

### CAA Update

PBN Notices are now out for consultation. CAA notes that some stakeholders have raised concerns about the timeframe for comments and would be happy to consider extending this if it's needed. CAA will soon be commencing a policy project to review the Appendices to CAR Part 91, and as part of this will be seeking to resolve the SATVOICE issue by providing an avenue to accept SATVOICE technology alongside HF.

### LINZ Update

SouthPAN still in procurement process with preferred contractor. A proposed system design has been prepared. Budget 22 provided additional funding for SouthPAN that will be released by Joint Ministers on their approval of an implementation business case (which includes concluding the commercial negotiations). For awareness, there will likely be some non-Safety of Life services (not for aviation) activating later this year. This should have no impact on Aeronautical receivers (messages should be ignored).

### AIMS CONOPS MetService/Aeropath

Replacement of MetFlight and briefing component of the IFIS side combined into a new one-stop shop called 'Pre-flight' A great example of collaboration and tangible output from the NSS CONOPS initiative, integrating information from multiple certified sources. Current MetFlight Commercial and MFGA websites will run in parallel with Pre-Flight for 4-6 months before decommissioning for smooth transition.

### AIMS CONOPS NZDF/Aeropath

Collaborative approach NZDF and Aeropath – 'Flight Advisor' provides a web-based planning tool that gives situational awareness during planning of low-level activity, and an opportunity to record low level obstacles (such as wires and towers) on a map where they may be currently missing or incorrect on VNC. Developed for the NZDF, this now incorporates Airshare inputs and gives a time-based view of the day's low level flying activity across NZ.

### CPDLC

Collaborative approach Airways and Air New Zealand. Looking to deploy domestic CPDLC for En-route phase of flight only. Routine, non-time critical messages, not time critical (for direct pilot communications). Will be using a subset of the full CPDLC message set listed in ICAO Doc 10037 GOLD Manual. Implementation second half 2023.

### ADS-B Uptake Rates, Grant Scheme

- ADS-B uptake continues at a slow rate, with an average of 48 installations per month. 2193 aircraft are now equipped with ADS-B (as of 31 July 2022).
- The number of aircraft in the target sector has been updated to confirm that 2379 aircraft are required to enter controlled airspace. Of these, 1730 have already equipped.
- As of the end of July 2022 there have been over 2100 applications to enter the ADS-B Grant Scheme, and over 1670 claims submitted. At the end of the same period, 1632 claims have been approved, totaling over \$4.7M.
- **The Grant Scheme will close on 30 June 2023.** Details around when final applications and claims will be accepted are being finalized and will be released in due course. **The 31 December 2022 mandate remains in place.**