

# NSS WORKING GROUP 17 FEBRUARY 2020 – KEY MESSAGES



## ADS-B

- The proposed ADS-B Grant Scheme process was explained. NSSWG members' feedback was very useful and testing of the system will start soon.
- Following advice from the EQUIP 2020 Group that supported the successful uptake of ADS-B in the US for the 01 January 2020 mandate, NSS has launched an ADS-B Action Group. The Group intends to combine the collaborative power of the Aviation Federation, the CAA, Airways and MoT to promote ADS-B uptake in NZ. **NSS highlights the need for commercial operators to consider booking an ADS-B OUT upgrade with a workshop before June 2020 to reduce the possibility of waiting in a workshop queue, potentially beyond 31 December 2021**

## Future of NSS

- The NSSWG considered the way that NZ aviation system modernisation effort might be organised beyond the life of the NSS programme team (June 2021) and the NSS programme (end of 2023). While there was frustration that the pace of regulatory change lagged behind the rate of system change and that CAA regulatory support to NSS was viewed as inconsistent, there was also the view that the collaborative forum that NSS had nurtured was uniquely beneficial and should be continued.

## Skyline X

- Skyline X is the new Air Traffic Management (ATM) system that will be housed in the new buildings being constructed at Auckland and Christchurch. The NZ FIR (Domestic) capability is milestone for Q4 of 2021. In its final configuration, the system will integrate what is currently the Oceanic capability.

## GBNA MON

- The GBNA Review Panel needs to make final recommendations on the Minimum Operating Network (MON). It was agreed that the GBNA Review Panel would meet after the rules output from the PBN Regulatory Framework Tranche 1 is issued, noting that more developed guidance material will also be needed to inform the Panel's work. This will be in Q3 of 2020. On this basis, recommendations can be delivered before the NSS programme team disbands in June 2021.

## SPAN

- The joint NZ/Australia Satellite Based Augmentation System (SBAS) has been labelled as the Southern Positioning Augmentation Network (SPAN), NSS will form a sub-group to ensure that aviation related implementation requirements, including procedures, are developed. Stakeholders are invited to nominate a chair and group members. The NSSWG recommended that the chair be a pilot operator

## Weather Radar Updates

- Construction works for the new Otago weather radar is underway near Hindon, northwest of Dunedin. The radar will provide improved coverage across Otago once live in late May. Funding to upgrade and modernise the Auckland, Wellington and Christchurch weather radars has been secured from the government. Initial planning to prepare for the work is currently underway, with completion expected in 2022-2024 timeframe.

## AIM CONOPS Workshops

- The Aeronautical Information Management (AIM) Concept of Operations (CONOPS) workshops are underway to determine user requirements for a future AIP beyond the current capability. NSS is grateful to the wide range of stakeholders that are committing time and expertise to this important workstream.