

**SUBJECT : ADS-B TIER2 SERVICE IMPLEMENTATION IN AIRSPACES (NANDI FIR NFFF, NEW CALEDONIA SECTOR) MANAGED BY NEW CALEDONIA AIR NAVIGATION SERVICE PROVIDER**

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**1 INTRODUCTION**

In 2009, New Caledonia Air Navigation Service Provider (SNA-NC) has deployed 3 ADS-B stations so as to partially cover New Caledonia air sector.

Since 2010, ADS-B based surveillance Tier3 is operated, which allows air traffic controllers to acknowledge ADS-B displayed positions of aircraft for both flight information and alert services, without requesting any voice position reporting for eligible\* aircraft. This Tier3 service enhances the follow-up of trajectories and coordination with adjacent centers. However, separation between IFR aircraft is still based on procedural controls.

**2 IMPLEMENTATION**

**On the 18th of October 2017, ADS-B surveillance is extended to Tier2 service. In addition to Tier3 operations, Tier2 allows to acknowledge displayed position to perform longitudinal, lateral or vertical separations between IFR aircraft without requesting voice position reporting for eligible\* aircraft.**

SNA-NC Air Traffic Services (ATS) centers are likely to request to eligible\* aircraft some specific voice position reporting, some distances readings to strategic points, and some usage of ADS-B functionalities.

**3 ADDITIONAL INFORMATIONS**

For any question concerning ADS-B usage with respect to ATS or any other point, please contact as defined here-below:

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\* : an aircraft is reputed ADS-B Tier3 and/or Tier2 service eligible when broadcasted data quality is validated by SNA-NC.