



International Civil Aviation Organization

**THE NINTH MEETING OF AUTOMATIC
DEPENDENT SURVEILLANCE – BROADCAST
(ADS-B) STUDY AND IMPLEMENTATION TASK
FORCE (ADS-B SITF/9)**



Jakarta, Indonesia, 18 -19 August 2010

Agenda Item 6: Review States' activities and interregional issues on trials and implementation of ADS-B and multilateration

NEW CALEDONIA ADS-B PROGRAMME

(Presented by New Caledonia)

SUMMARY

This paper provides an update on the French ADS-B programme.

1. Introduction

1.1 FRANCE has been involved in ADS-B for many years already, and started the deployment of ground stations in Corsica and La Réunion Islands in 2007.

1.2 Three ground stations were implemented during the year 2009 to cover the international traffic at La Tontouta airport and ACC within Fidji FIR, and the domestic traffic at Magenta airport.

2. Implementation plan in New Caledonia

2.1 The decision to implement the ground stations was made in 2007.

2.2 After the implementation of 3 ground stations, special flights were scheduled in October 2009 to test ADS-B coverage in order to meet some requirements of the initial studies.

2.3 Ground equipment was completed during the first half of year 2010.

2.4 Without real knowledge about equipment certification on aircraft entering New Caledonia airspace, traffic recordings were analysed for integrity and quality tests to determine the list of flights to be displayed to Tontouta and Magenta controllers.

2.5 As all flights are not displayed (military, general aviation...), air traffic controllers still use procedures to separate aircraft, but their task is now easier, as they have a better representation of the air traffic situation and they can provide better and more accurate traffic information, as most of commercial flights are now displayed on ADS-B screens.

2.6 The ADS-B controller position display is available since the 30th of July 2010.

3. Recommendation

3.1 Aircraft Operators flying through New Caledonia sector and to New Caledonia airports are invited to equip their fleet.

3.2 New Caledonia is proposing large cooperation for the use of his ADS-B data for any purpose with neighbour air navigation providers, like instantaneous recordings for SAR purposes, or data exchanges with neighbouring air navigation providers.

4. Action by the meeting

4.1 The meeting is invited to note the information provided in this paper
