



International Civil Aviation Organization

**NINETEENTH MEETING OF THE COMMUNICATIONS/NAVIGATION
AND SURVEILLANCE SUG-GROUP (CNS SG/19) OF APANPIRG**

Bangkok, Thailand, 20 – 24 July 2015

Agenda Item 6: Surveillance

CURRENT STATUS OF ADS-B IMPLEMENTATION IN MYANMAR

(Presented by Myanmar)

SUMMARY

This paper presents the current status of ADS-B implementation and related issues in Myanmar.

1. INTRODUCTION

1.1 In order to comply with the decisions and conclusions adopted in APANPIRG/25 and other related meeting, Department of Civil Aviation, Myanmar has taken several measures for the improvement in the field of CNS.

1.2 As the future surveillance technology, Department of Civil Aviation, Myanmar has been planning to install ADS-B to cover most of the Myanmar airspace in coming years.

2. DISCUSSION

2.1 Myanmar DCA installed ADS-B at Sittwe in Dec 2013 and Co Co islands Mar 2014.

2.2 Myanmar DCA has already purchased another 3 ADS-B. Installation will be done in Yangon, Mandalay and Myeik in Dec 2015.

2.3 Myanmar DCA signed contract to upgrade Eurocat-C (TopSky) on September 2014. Factory acceptance test will be performed on February 2016 and site acceptance test on May 2016. Afterward, data from all ADS-B stations will be integrated into air traffic control and management automation system TopSky in Jan 2016.

2.4 ADS-B data sharing between Myanmar and India is undergoing. The existing ATS DSC voice channel between Yangon and Kolkata is used on IPLC 64 Kbps via satellite. Myanmar DCA is planning to use SMW-3 sub-sea cable link (with 64 Kbps) but it is pending because there is no spare capacity at the Cochin Gateway or Mumbai Gateway. Myanmar DCA is waiting for the link between two service providers (MPT and TCL) to be ready. Depending on the available infrastructure, ADS-B data sharing can be proceeded.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.
