International Civil Aviation Organization

ELEVENTH MEETING OF THE SOUTHEAST ASIA AND BAY OF BENGAL SUB-REGIONAL ADS-B IMPLEMENTATION WORKING GROUP (SEA/BOB ADS-B WG/11)

New Delhi, India 17 – 19 November 2015

Agenda Item 3:   **Review implementation and co-ordination activities and sub-regional implementation plans**

3.4   Updates by other States

ADS-B IMPLEMENTATION PROGRESS IN MONGOLIA

(Presented by Mongolia)

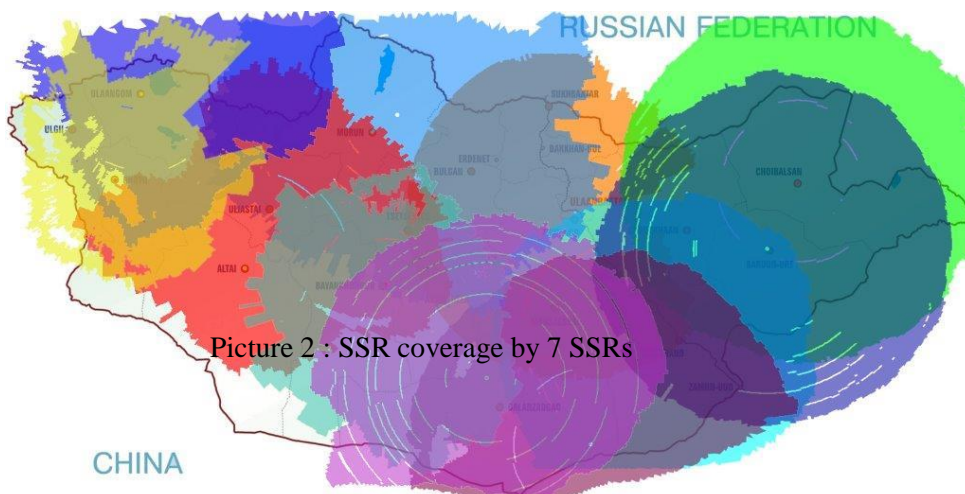| SUMMARY |
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| This paper presents the recent activity of the ADS-B implementation in Mongolia. |

1.   INTRODUCTION

1.1   This information paper provides recent activity of ADS-B implementation in Mongolia.

2.   DISCUSSION

2.1   The Civil Aviation Authority of Mongolia (CAAM) confirmed the plan of implementing ADS-B technology in Air Navigation surveillance services in 2014. Currently CAAM installed 10 ADS-B stations with DO260 standards along the main en-routes.

Picture 1 : ADS-B coverage by 10 ADS-B

Picture 2 : SSR coverage by 7 SSRs

2.2   All ADS-B stations are connected to ATS automation system /AIRCON 2100 INDRA/ in order to perform monitoring trail process. The Monitoring trail will be active until January 2016.

2.3   CAA Mongolia plans to use these ADS-B stations as back-up system for the SSR system, except the Western area of Mongolian airspace. Within the Western area, additional 5 ADS-B stations will be installed and will provide ADS-B service.

2.4   Providing ADS-B services, requires CAA Mongolia updating its ATS automation system in accordance to the standards of DO260B and DO260A. These updates will be initiated by 2016.

3   ADS-B implementation working group cooperation activity

3.1   ADS-B implementation working group invited MAAR agents to Mongolia for improving our collaboration. MAAR provided necessary information to CAA Mongolia and supported our application for ADS-B data processing.

3.2   The team also visited Airservices Australia for studying the progress of ADS-B implementation in Australia. The Airsevices provided helpful information for the Mongolian ADS-B implementation working group.

3.2   CAA Mongolia also requested to visit Republic of Indonesia for studying their documents and procedures regarding the ADS-B implementation.

3.3   Currently, the Regulator and ADS-B implementation working group of CAA Mongolia are planning to activate ADS-B mandate by 2018. CAA Mongolia is now studying how ADS-B can be used in operation, before it becomes mandatory. Respectively, CAA Mongolia is interested in learning from Indonesian ADS-B implementation method.

4   ACTION BY THE MEETING

4.1   The meeting is invited to:

a)   note the information contained in this paper; and

b)   discuss any relevant matters as appropriate.

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