



International Civil Aviation Organization

**Fourteenth Meeting of the APANPIRG ATM/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/14)**

Bangkok, Thailand, 28 June – 2 July 2004

Agenda Item 8: Any other business

DEVELOPMENT OF ATS ROUTES, AIS AND SAR IN MONGOLIA

(Presented by Mongolia)

SUMMARY

This paper provides details of Mongolia's current situation of ATS routes, AIS and SAR in relation to SAR Agreement.

1. Introduction

- 1.1. Mongolia is located in the northern part of Central Asia and has 8 international air routes like A575, A91, B330 (ASIA-1), M520, B480 (POLAR-2), G218 (POLAR-3), B339 and G588.

In Mongolia, on-going work in enhanced ATM and CNS systems as well as ADS/C and ADS/B capability and there is now approved to use ADS B for domestic operations. 22 VSAT stations have been installed throughout Mongolia, which give a total coverage for VHF communications. In addition, there is approximately 50% coverage of VHF Data-link for ADS/CPDLC.

As a result of our last job was establishment of the some new ATS routes to support cross-polar operations, which was a vital step for Mongolia.

The volume of over-flying traffic increased to 4-6% annually. The expert's prognosis shows that number of those overflights will increase twice during Olympic Game in China in 2008.

Therefore, we are proposed to establish for main route by navigation aids and involve for radar system to increase en-route capacity of Mongolia's airspace and safety.

- 1.2. AIS is recognized as a department and there is on-going study work to automate this department's operations.
- 1.3. According to the Convention on ICAO and its Annex 12 the Civil Aviation Authority of Mongolia has proposed and developed an agreement draft between Mongolian and Russian governments on mutual cooperation in the search and rescue sector. Nowadays we are waiting the response from Russia only and we hope that this agreement will sigh out as soon.

We are intending to conclude a cooperation agreement with Search and Rescue Services of China as well.

2. Recommendation

- 2.1. The meeting is invited to note the above information.
