



**Agenda Item 4: ATS route realignment**

**ATS ROUTES PROPOSALS BY DPR KOREA**

(Presented by DPR Korea)

**SUMMARY**

This paper presents the proposal for implementation of ATS routes within the airspaces of Democratic People's Republic of Korea.

This paper relates to –

**Strategic Objectives:**

*A: Safety – Enhance global civil aviation safety*

*C: Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment*

**Global Plan Initiatives:**

GPI-7 Dynamic and flexible ATS route management

GPI-8 Collaborative airspace design and management

**1. INTRODUCTION**

- 1.1 The First Meeting of the APANPIRG Air Traffic Management Sub-Group was held in Bangkok, Thailand from 20 to 24 May 2013. In the final report to this Meeting, the Asia and Pacific Region ATS Route Catalogue version 12 was released, in which IATA requested new ATS routes in the airspaces of DPR Korea, China, Russian Federation and ROK.
- 1.2 DPR Korea notes that those ATS routes requested by IATA are beneficial in terms of passenger value of time and environmental protection.

## 2. DISCUSSION

### ATS route name: RUS 1

2.1 Entry/Exit point of this route which is requested by IATA is XXXXX Approx N38 38.0 E 129 24.7.

2.2 Benefits potential are mileage saving (121NM/15min), fuel saving (1966kg) and CO saving (6050kg) per flight.

### ATS route name: RUS 2

2.3 Entry/Exit point of this route which is requested by IATA is XXXXX Approx N38 38.0 E 129 24.7.

2.4 Benefits potential are mileage saving (67NM/8min), fuel saving (1088kg) and CO saving (3350kg) per flight.

### ATS route name: RUS 3

2.5 Entry/Exit point of this route which is requested by IATA is XXXXX Approx N38 38.00 E 129 24.7.

2.6 Benefits potential are mileage saving (136NM/17min), fuel saving (2194kg) and CO saving (6750kg) per flight.

### Proposal of the establishment of ATS route by DPR Korea

2.7 ATS route name: Not Designated

2.8 Entry/Exit points of this route suggested by DPR Korea based on the ATS routes requested by IATA are RIVAT (north) N41 29 00 E132 16 00 and GUMSU (south) N38 38 00 E130 23 00.

2.9 Route Description: GUMSU (N38 38 00 E130 23 00)- RIVAT (N41 29 00 E132 16 00).

### ATS route name: RUS 13/14

2.10 Entry/Exit points of this routes are XXXXX N42 26.2' E129 44.5' and KANSU

2.11 Benefit potential are expected in terms of the mileage/fuel/ CO savings

2.12 Regarding those ATS routes RUS13/14 requested By IATA, DPR Korea has implemented ATS route R224 VASRO (N42 27 50 E129 44 25)-KANSU (N38 38 00 E132 28 30) on 7 March 2013. ATS route R224 is nearly coincident with those ATS routes RUS13/14.

**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.

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# ATS ROUTE PLAN

— By DPRK  
— By IATA

