



INTERNATIONAL CIVIL AVIATION ORGANIZATION
AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
SEVENTEENTH MEETING (APIRG/17)
(Ouagadougou, Burkina Faso, 2 to 6 August 2010)

Agenda Item 3:-Air Navigation Planning and Implementation Issues

3.4 Route Implementation

AFI RouteLab

(Presented by the International Air Transport Association)

SUMMARY

IATA hosted the first meeting of PRNDWG from 13 to 16 July 2010 at Indaba Hotel in Johannesburg.

ICAO and IATA and the stakeholders in an effective implementation of the Collaborative Decision Making (CDM) process:

- Address the issue of slow pace of implementation of routes;
- Revised old and new route requirements of airspace users;
- Agreed on the implementation of more than 20 routes.

Johannesburg Meeting initiated AFI coordinated collective efforts toward the contribution of Aviation to safely reduce CO2 emissions by 60 million KGs and set a new process of timely implementation of infrastructure improvement meeting users' requirements.

References:

- APIRG 15 and 16 approved routes
- Recommendations of the Special AFI RAN held in November 2008 in Durban
- Report of the First Joint Meeting of the APIRG Performance Based Navigation and Global Navigation Satellite System Implementation Task Forces.

1. INTRODUCTION

- 1.1. In April 2010, APIRG First Joint Meeting of the APIRG Performance Based Navigation and Global Navigation Satellite System Implementation Task Force agreed that IATA host the first PRND Working Group meeting.
- 1.2. The Meeting was held from 13 to 16 July at Indaba Hotel, Fourways in Johannesburg, South Africa. In the spirit of CDM implementation, the Meeting brought together relevant stakeholders, including States, ICAO, IATA, Air Navigation Service Providers, Airlines and AIS tools.
- 1.3. During four days the working group focused mainly on processes leading to the implementation operators' requirements.

2. DISCUSSION

Working Process

- 2.1. Out of 22 routes agreed upon at APIRG 15 and 16, only 6 were implemented; many become irrelevant and operators set new priorities required to further improve flight operations in the Region. Attached is the list of the Routes.
- 2.2. The Work Group adopted a RouteLab style format where individual route proposal packages were presented to individual States with a clear
 - 2.2.1. Benefit analysis (CO2)

- 2.2.2. Implementation Timelines : Airac October 21, 2010
- 2.2.3. Formatted AIC supplements with provisional LAT/LONG coordinates, radials, distances etc.
- 2.2.4. Jeppesen was available on-site for real-time validation of data
- 2.2.5. Airlines were given the opportunity to validate their route proposals with the States being present in the same room.
- 2.2.6. ICAO and IATA were on-hand with route planning tools to facilitate the process.

Achievements

- 2.3. 31 Routes agreed on by the Working Group;
- 2.4. 5 LoA's updated and signed to ensure the implementation of 3 routes on 21st October 2010
 - 2.4.1. Savings of 5 million kg of CO2 secured
- 2.5. Others States/ANSPs, ICAO and IATA committed to take the required steps to ensure the implementation of all the route requirements
- 2.6. Since the Johannesburg RouteLab, coordination meetings were held in:
 - 2.6.1. Khartoum where the LOA between Addis and Khartoum FIRs were updated and signed;
 - 2.6.2. Abidjan among various ACCs and
 - 2.6.3. Lagos between GCAA and NAMA
- 2.7. In Ouagadougou, several concerned parties will update and sign LOAs

3. ACTION BY THE APIRG

- 3.1. The meeting is invited to:
 - a) Note the outcome of the first meeting of PRND and;
 - b) Endorse the CDM format for APIRG SubGroups, Task Forces and Working Groups to insure implementation of aeronautical improvements meeting users' requirements in AFI.

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