



**Combined Fourth Meeting of Arabian Sea Indian Ocean ATS Coordination Group
ASIOACG/8 and Indian Ocean Strategic Partnership to Reduce Emissions (INSPIRE/4)**

Melbourne, Australia 25th November – 29th November 2013

Agenda Item 8: Promulgation of UPR Geo Zone.

UPR Operations progress and reporting,

(Presented by IATA)

SUMMARY

↗ This paper tracks important stages of UPR Geo Zone development in AS-IO.

1. INTRODUCTION

- 1.1 Since Dec 2011 to Oct 2013, continuous efforts by INSPIRE Partners and Pear members resulted in formal promulgation of UPR Zone in Southern Arabian Sea - Indian Ocean region.
- 1.2 From concept level to formal promulgation of UPR Zone was achieved over a span of 22 months.
- 1.3 IATA assisted co-ordination between airlines and states to progress on the INSPIRE action plan.
- 1.4 Purpose of this paper is to formally track the progress made by INSPIRE on promulgation of the UPR Zone.

2. DISCUSSION

2.1 Progress: Milestones & Strategy for UPR Geo Area Development.

Phase- I	Phase-II	Phase-III	Phase-IV	Phase-V
UPR Paper Trials			Operational Trial: Q2/3 2012 √	Continue UPR OPS Trials : All 7 days a week Eff Summer 2013 Skeds √
Data gathering: FEB 2012: √	Data Analysis: MAR-APR 2012: √	Coordinated Trials: 14-15 May: √	Post-Trial analysis Q3/4 2012√	<u>Promulgating UPR Geo Zone: 17th Oct 2013</u> √

- 2.2 From concept level (December 2011 at Cape Town) to formal promulgation of UPR Zone (17th Oct 2013) was achieved over a span of 22 months.

- 2.3 INSPIRE’s success is basically due to dedicated and committed efforts by INSPIRE ANSP team across organizational boundaries under leadership of ATNS, AAI and ASA in co-ordination with IATA and Member airlines.
- 2.4 We congratulate INSPIRE ANSPs for these achievements.
- 2.5 Table below shows INSPIRE’s Progress of UPR OPS in AS-IO:

AIRAC Cycle	Progress of UPR Operations in AS-IO
June 2012	Weekly 2 flights
July 2012	Weekly 4 flights
August 2012	1 day in week: MON (Weekly 9 flights)
September 2012	2 days in a week : MON & THU (Weekly 21 flights)
October 2012	3 days in a week : MON, WED, THU (Weekly 31 flights)
November 2012	4 days in a week : MON, TUE, WED, THU (Weekly 40 flights)
DEC 2012- MAR 2013	5 Days a week: MON, TUE, WED, THU, FRI (Weekly 61flights)
April 2013 onwards	All 7 Days a week (weekly 201 flights)
17 th Oct 2013	AIP SUPs by Australia, India, Kenya, Madagascar, Maldives, Mauritius, Seychelles, South Africa, Sri Lanka became effective promulgating UPR Geographical Zone in Arabian Sea-Indian Ocean.
28 th Oct 2013	Effective winter 2013 Weekly 274 flights are authorized to operate following UPRs.

- 2.6 Trend of Environmental benefits because of reduced CO2 emissions as reported earlier continues. UPR OPS Trials through summer 2013 schedule indicates that earlier estimated potential of savings 10,000 Tons of CO2 Emissions per year for the UPR Zone is achievable.
- 2.7 UPR OPS enabled airlines to plan flights avoiding adverse weather over Southern Arabian Sea and Indian Ocean.
- 2.8 Thus establishing UPR Zone is not only confirming efficiency enhancement but it also addresses important Safety element.

3. ACTION BY THE MEETING:

The meeting is invited to note that:

- a) Transition from UPR OPS Trial to daily Operations was smooth without any reported issues.
- b) Airlines have certain suggestion to simplify the approval process for participation to the UPR OPS for certain FIRs. A separate working paper has been presented in this regard.
- c) Take a note of the safety as well as efficiency enhancement achieved by adopting UPRs.

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