



**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 25<sup>th</sup> November – 29<sup>th</sup> November 2013**

**Agenda Item 5: Communication / Navigation / Surveillance issues**

**Datalink Quality Monitor**

(Presented by Boeing and Emirates)

**SUMMARY**

**Global Operational data Link Document ( GOLD) shows the performance based communication and surveillance model for the reduced horizontal separation. Address the importance of the quality monitor and the reporting to CRA on this paper.**

**1. INTRODUCTION**

- 1.1 UPR Zone requires the data link as a part of basic requirement, and both Airspace users and ANSP look for the reduced horizontal separation with data link.
- 1.2 Both RNP10 50/50 and RNP4 30/30 will require the Performance based communication and surveillance in Global Operational data link document (GOLD).
- 1.3 GOLD is available on following website.  
<http://www.ispacg-cra.com/gold.asp>
- 1.4 For maintaining quality and required performance, states should follow the procedures documented in GOLD and collect the system performance metrics outlined in GOLD.
- 1.5 As agreed in FIT Asia 2, each State should present data-link performance information during the FIT Asia meeting. Data should be formatted in accordance with GOLD requirements and where possible, by utilising an appropriate automated tool for processing (such as that available from the United States' Federal Aviation Administration).

1.6 FIT ASIA agreed to use the ISPACG CRA website for reporting the FANS Problem report.

ISPACG CRA website: <http://www.ispacg-cra.com>

1.7 Boeing reports the total numbers of PRs are relatively small numbers ( only by EK and ANSP), and it is difficult to measure the performance. (Refer attached reports from Boeing CRA.)

## 2. **DISCUSSION**

2.1 FANS PR is the key measure for monitoring the quality of the data link services, All operators and ANSP operating in FIT ASIA area are required to report the PR through the ISPACG CRA website.

2.2 Operator should motivate the crew to report the problem relating to FANS through PR foam.

2.3 All states in ASIOACG area are recommended to review GOLD and assure their quality monitoring process and system of data link.

## 3. **ACTION BY THE MEETING**

3.1 The meeting is invited to discuss

- a) ANSPs situation and action for quality monitoring.
- b) Airspace user action for reporting.