

ATTACHMENT B1

OPERATIONAL DATA LINK WORKSHOP

PROVISIONAL PROGRAMME

(Accra, Ghana, 8-12 August 2016)

Session 1: Introduction to air-ground data link

The ICAO regional officers will provide an overview of the data link implementation addressing benefits and ICAO provisions (GANP, ASBU, SARPs and PANS). The participants will then be briefed on the current status of regional data link planning and implementation.

Session 2: Preparation for and use of CPDLC and ADS-C

The presentations will be made by the members of the ICAO Operational Data Link Working Group of the Communications Panel (CP-OPDLWG) on guidance and best practices for successful preparation for and implementation of CPDLC and ADS-C. The presentations will highlight the content of the Global Operational Data Link (GOLD) Manual (Doc 10037) that will be of interest for States, air navigation service providers (ANSPs) and operators. The topics to be addressed in this session are as follows:

- **For ANSP and its State:** development of concept of operations, System safety assessment, ground system automation, aeronautical information notification, inter-facility agreements, procedure development and training, trial operation and validation, data link performance monitoring
- **For operator and its State:** operations policy and approval, training for flight crew and flight operations officers
- **For flight crew and controller:** procedures on use of CPDLC and ADS-C

Session 4: Performance-based communication and surveillance (PBCS)

The presentations will be made by the members of the CP-OPDLWG on guidance and best practices for PBCS implementation. The presentations will highlight the PBCS provisions in Annexes 6, 11 and 15 and PANS-ATM (Doc 4444) as well as performance-based separation standards in the PANS-ATM (Doc 4444). The participants will also be briefed on the content of the Performance-based Communication and Surveillance Manual (Doc 9869). The topics to be addressed are as follows:

- Introduction to PBCS;
- Application of PBCS in the advanced ATM operations;
- PBCS approval and compliance – State, ANSP and Operator;
- Flight plan filing – RCP and RSP specifications; and
- Post implementation monitoring.

Session 5: Implementation issues, challenges, lessons learned and solutions

Workshop participants are invited to present any issues/challenges regarding CPDLC, ADS-C and PBCS implementation as well as lessons learned. Members of the OPDLWG will present lessons learned from their experiences in the North Atlantic (NAT) and Asia and the Pacific (APAC) Regions.

Session 6: Development of a data link implementation plan for the South Atlantic Airspace

Workshop participants will work in small groups to develop a data link implementation plan for South Atlantic Airspace. The plan may include the operational improvement to achieve from the implementation of CPDLC, ADS-C and PBCS, required technologies and systems, list of tasks by stakeholders and implementation roadmap, etc. The main outcome of this session will serve as a basis for the development of recommendations for consideration by the relevant Planning and Implementation Groups (PIRGs).

— END—