



International Civil Aviation Organization

**SATELLITE DATA-LINK COMMUNICATION SEMINAR AND
SECOND SATELLITE DATA-LINK OPERATIONAL CONTINUITY
MEETING (SOCM/2)**

(Bangkok, Thailand, 08 – 10 February 2012)

SEMINAR ON SATELLITE DATA-LINK COMMUNICATION

PROVISIONAL AGENDA

(08 FEBRUARY 2012)

Agenda Item 1: Satellite data-link operational requirements and issues involved like continuity of service

Agenda Item 2: Data-link elements and role of stakeholders

Agenda Item 3: Global Operational data-link Document (GOLD)

3.1 GOLD overview

- i) Service provision
- ii) Operator preparation and aircraft equipage
- iii) Controller and flight crew procedures
- iv) RCP and surveillance performance specifications
- v) Post-implementation monitoring and compliance actions

3.2 GOLD amendments

- vi) GOLD candidate amendment program
 - vii) Common outage/maintenance reporting template and process by CSPs which is useful for States/ANSPs/CRA
 - viii) Develop common format for service level agreement between CSPs and State/ANSPs/Operators
-

SOCM/2 PROVISIONAL AGENDA

(09 – 10 FEBRUARY 2012)

AGENDA ITEM 1: Adoption of Agenda

AGENDA ITEM 2: Review planning and implementation programs involving satellite communications (SATCOM) data-link services (Update since SOCM/1)

- 2.1 State/ANSP planning and implementation of data-link services
 - i) Air traffic management (ATM) operational improvements;
 - ii) SATCOM data link service provision, including communication service agreements/contracts and notification to users of service availability, outages, degradation and restoration;
 - iii) Operational approvals, including aircraft equipage requirements, training, qualification and eligibility;
 - iv) Safety management.
- 2.2 Communication infrastructure
 - i) Communication service providers (CSPs) (e.g., ARINC, SITA);
 - ii) Satellite and ground earth station operators (e.g., Inmarsat, MTSAT, Iridium).
- 2.3 Airspace users and industry perspectives
 - i) Operators (e.g., IATA, IBAC);
 - ii) Aircraft manufacturers (e.g., Airbus, Boeing);
 - iii) Avionics suppliers (e.g., Honeywell, Rockwell Collins);

AGENDA ITEM 3: Review Global Operational Data-Link Document (GOLD) and compliance

- 3.1 Planning and implementation of performance-based communications and surveillance framework
 - i) RCP and surveillance performance specifications;
 - ii) Allocations of requirements to ANSP, CSP, operator and aircraft;
 - iii) Qualification and eligibility;
 - iv) Prescription of specifications to applicable airspace;
 - v) Flight plan indicators;
 - vi) ATC automation considerations;
 - vii) ANSP post-implementation monitoring and compliance actions;
 - viii) Regional Central Reporting Agencies (CRAs);
 - ix) Global/Regional data link performance web site;
 - x) Global Status of Implementation

AGENDA ITEM 4: Global strategy for use of SATCOM data-link Services

ATM operational improvements;

- 4.1 Communication and surveillance capability and performance requirements:
 - i) Operational Data Link Panel (OPLINKP);
 - ii) RTCA SC 214/EUROCAE WG-78, Data Communication Standards.
- 4.2 Infrastructure requirements and changes:
 - i) Flight plan 2012 provisions for performance specifications;
 - ii) Use of communication and surveillance flight plan indicators;
 - iii) Post-implementation monitoring.
- 4.3 Aircraft/operator requirements and changes:
 - i) Modification to Inmarsat satellite data unit (SDU) to access multi satellite service provider and whole I3 and I4 network;
 - ii) Iridium;
 - iii) Role of HF data link.
