

**RTCA SC-189/Eurocae WG-53  
Proposed Changes to Work Program**

*Note: The term Baseline 1 refers to implementations that are compatible with the PETAL 2 Extension (ie Maastricht UAC, FAA CPDLC-1/1A, French DGAC SCALA). The term Baseline 2 refers to the proposed implementation which goes beyond Baseline 1 (i.e; beyond 2005, FAA CPDLC-2, Link 2000+). Using this as the basis of documentation packages, the following amendments to the work program are proposed.*

SC-189/WG-53 SG's 1, 2 & 3 shall document the Interoperability, Safety, and Performance Requirements associated with Baseline 1.

SC-189/WG-53 SG 1 shall document the Interoperability Requirements associated with the Baseline 2 package. The operational safety assessment, performance assessment, and allocated safety and performance objectives/requirements for providing air traffic services supported by data communications will be completed by SG's 2 & 3 after formal commitment for implementation exists.

**New Terms of Reference for  
Operational Data Link Services Definition Sub-Group (SG-4)  
Terms of Reference**

**Objective:** The objective of SG-4 is to produce the Baseline 2 Data Link Services definition for ATN operations beyond 2005. Appropriate consideration will be given to accommodating existing data link implementations during this definition process.

The Baseline 2 Data Link Services to be defined shall:

- 1) be compliant with the ICAO Standards And Recommended Practices (SARP's) for the ATN, Version 2.3, ICAO Doc 9705-AN/956, including specific proposed defect reports used during the Baseline 1 implementation plus commonly agreed defect reports in further versions of the SARP's;
- 2) be an extension of the Baseline 1 services;
- 3) enable applicants to take credit, as much as possible, of Baseline 1 certification;
- 4) only define those services which are not already included in Baseline 1.

**Membership:** Members of the SG should be from concerned ATS providers, aircraft operators, supporting avionics and ground system implementers, aircraft manufacturers, and communications service providers.

*Note: The SG membership may be reviewed once the Baseline 2 Scope is completed in order to ensure that necessary resources and expertise are available for the completion of the Operational Data Link Service Descriptions.*

**Process:**

- 1) Participants present implementation plans for ATS data link services in their relevant operating environments (i.e. continental, oceanic, etc.) for 2005 and beyond.
- 2) Identify the Scope of the Baseline 2 ATS data link services that may be implemented to support those plans.
- 3) Document the Baseline 2 ATS data link service descriptions in the relevant operating environments.
- 4) Review and provide feedback to SG-2 on the operational environment characteristics template.

**Products and schedule:** The Scope of the Baseline 2 ATS data link services. Milestones are to have a draft completed by July 1999 and final document available in September 1999 for approval by plenary in October 1999.

The Baseline 2 Operational Data Link Service Descriptions. Milestones are to have a draft completed by October 1999 and a final document available in February 2000 for approval of the plenary in April 2000.