

**AERONAUTICAL TELECOMMUNICATION NETWORK PANEL
WORKING GROUP 3
(APPLICATIONS AND UPPER LAYERS)**

**Langen, Germany
23-26 June 1997**

Subgroup 3 CNS/ATM-2 Planning

(Presented by Steve Van Trees (USA))

SUMMARY

Subgroup 3 plans after the Langen meeting are presented.

1. Planning Report

The paper presents plans after the Langen WG3 meeting. With the completion of the SARPs in Phuket, the group is evaluating the requirements for new initiatives in the upper layers.

There are two sources of requirements for SG3. First, the applications developed by WG3/SG1 and WG3/SG2 are sources of requirements. Second, the security and system management SARPs developed by WG1/SG2 and WG1/SG3 are sources of requirements.

2. Base standards activity

At its Toulouse meeting in March 1995, WG3 stated a requirement for ACSE, edition 3 for CNS/ATM-2. This work has a projected completion date of December 1997, although dedicated effort is required to meet this date.

3. Possible support of WG1 requirements

Security

X.509

Gerard Mittaux-Biron has the action on directory security (particularly X.509)

CM-X.500 (X.500 Schema)

Jim Moulton has the action to provide an X.500 schema.

ACSE Information Object

Jim Moulton has the action to indicate how ACSE carries CNS/ATM-2 authentication information.

System Management

CMIP over ATN ULA

The ATN ULA fully supports ISP 11583-1 on CMIP support.

CMIP ...

Steve Van Trees has the ISO action to update the CMIP syntax to eliminate ROSE and add extensibility markers. The new ISO CMIP text is also available.

ULMO

Steve Van Trees has worked on ISO 10165 parts 8 and 9, the managed objects for upper layers, and the system management.

4. Support of WG3 Requirements

First, the group could update the dialogue service in response to new application requirements. Second, investigation of ATN ULA support of OSI applications is in order. The ATN ULA can support non-RTSE Directory implementations, as well as non-scope/filter CMIP applications. This can be validated by checking directory and CMIP ISPs (the CMIP ISP is completely supported by the ATN ULA). Third, the group could upgrade the CF to new user requirements.

Active CNS/ATM-2 Items:

ULCTXTID for ACSE

Tony Kerr will provide a paper on possible elimination of static ACSE initialisation information.

Connectionless ULA

Steve Van Trees will update his CL ULA paper to the current ULCS SARPs, and also include an overhead calculation

Implicit D-START

The group has been informed of a requirement to support CPDLC with an implicit D-START, i.e., the application wished to immediately send off CPDLC messages without waiting for the D-START round trip. Steve Van Trees and Gerard Mittaux-Biron are studying the ASO template work in this regard.

5. Conclusion

WG3/SG3 invites WG3 to note and approve its work plan for CNS/ATM-2.