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AERONAUTICAL TELECOMMUNICATIONS NETWORK PANEL

WORKING GROUP TWO

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ISH PDU Priority (Action 5/4)

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SUMMARY

This working paper fulfills action 5/4 by providing proposed text on ISH PDU priority handling.

DOCUMENT CONTROL LOG

SECTION	DATE	REV. NO.	REASON FOR CHANGE OR REFERENCE TO CHANGE
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1. Introduction

Action 5/4 was raised at the Rome WG2 meeting as a request for text to support the agreed use of the ISH PDU with respect to CLNP priority. This text is provided in this short paper.

2. Change Proposal

It is proposed to replace the fourth paragraph of 2.6.1 of draft 3.0 of the ATN SARPs (starting "IDRP BISPDU...") with the following text, and to renumber the subsequent notes accordingly.

Note 2. In addition to NPDUs containing user (i.e. transport layer) data, the Internet Layer also forwards routing information contained in CLNP Data PDUs (e.g. IDRP) and as distinct NPDUs (e.g. ES-IS). These must all be handled at the highest priority if changes to network topology are to be quickly actioned and the optimal service provided to users.

BISPDU exchanged by IDRP shall be considered as Network/Systems Management category messages, and sent using CLNP priority 14.

ES-IS (ISO 9542) PDUs shall be implicitly assumed to have priority 14.

Note 3. The priority encoded in an ISH PDU conveys the priority of the sending system, and not the priority of the PDU.