

June 16, 1998

AERONAUTICAL TELECOMMUNICATION NETWORK PANEL

WORKING GROUP 2 (Internet Communication)

Utrecht, Netherlands, 26 – 30 June 1998

IDRP DEFECT REPORT

Agenda Item:

Prepared by: James Moulton

Presented by: James Moulton

SUMMARY

This document presents a proposed defect report for the Internet Communication Service SARPs. The defect is related to the definition of the traffic type for IDRP exchanges as it applies to the specification of link traffic types.

Title: IDRP Traffic Typing

PDR Reference:

Originator Reference:

IDRP-traffic

SARPs Document Reference:

V2.2 - 5.3.2.2.3.5

V2.2 - 5.8.3.2.14.1

Status:

PDR Revision Date:

PDR Submission Date:

15/06/98

Submitting State/Organisation:

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SARPs Date:

SARPs Language:

English

Summary of Defect:

The referenced paragraph (5.8.3.2.14.1) specifies that BISPDU's will be transmitted by CLNP with a traffic type of "Systems Management".

The referenced paragraph on routing policy (5.3.2.2.3.5.1) specifies that a CLNP pdu with a traffic type of "Systems Management" may only be sent on subnetworks with "ATN Systems Management Communications" set in the permissible traffic types.

The specification of permitted traffic type of "ATSC only" results in the prohibition of sending IDRPs on that link.

Assigned SME:

Sub-Volume II SME

Proposed SARPs amendment:

There seems to be two potential solutions to this problem:

1. Re-define IDRPs to a different traffic type
2. Change the policy so that System Management traffic may be sent on any link.

The proposed solution 1 is needed if the type of system management data includes exchanges other than IDRPs. That is, if system management needs to send data over a link then it may be appropriate to segregate IDRPs from system management traffic.

The proposed solution 2 is needed to allow IDRPs on ATSC-only links. (Of course, it can also be stated that all ATSC-only links must also have the System Management traffic type set.) It may be appropriate to establish a traffic type hierarchy where some traffic types like IDRPs can go on any link except higher "priority" links.

SME Recommendation to CCB:

CCB Decision:

atnp_ccb_chair:
Atnp_ccb_chair:
CCB- :