

Liaison Report 802.1

802.3 Plenary March 15, 2004

Many Thanks to Don Pannell for details

Richard Brand

rbrand@nortelnetworks.com

IEEE 802.1 Status Summary

Interworking:

**802.1AB – Station and Media Access Control
Connectivity Discovery**

Currently at Draft 8 – 2/19/04

**802.1AC – Media Access Control Service Revision
Revision of 802.1D & Q**

Currently at Draft 0 – 3/7/03

Interworking

802.1ad – Provider Bridges

Currently at Draft 2 – 12/15/03

Looking at defining a “Drop Precedence bit”

Should it be Explicit by Using the CFI’s bit position?

- Supports 8 Priorities all Supporting Drop Precedence

Or, Should it be Implicit by Combining Some Traffic Classes?

- Supports 6 Priorities, 2 with Drop Precedence

This May Require a New PAR

Link Security

**802.1aa – Revision to 802.1X (Authentication)
Currently at Draft 9 – 1/26/04**

**802.1AE – MAC Security
Currently at Draft 2.1 – 3/06/04**

**802.1AF – KeySec
In Formation**

Case of the Expanding 802.3 MAC Frame

802.1ad (Provider Bridges) Needs to Add One or More Q-Tags (each 4 bytes in Size)

802.1AE (Link Security) Needs to Add up to 32 More Bytes

Proposed Frame Format:

DA | SA | SecTAG | DATA | ICV

SecTag =

- ET – 2 bytes
- LEN – 1 byte
- TCI & SAI – 1 byte
- SC – 6 bytes
- PN – 4 bytes

ICV = 8 bytes

Joint Technical Plenary

**“Meeting will focus on interdependencies
between the two groups”**

David Law

Date: Wednesday, March 17

Time: 10:30 AM to Noon

Location: Room ?

**New 802.1 PAR This Meeting
Friday SEC**

**Proposal for Connectivity Fault
Management**