ITU-T Liaison Report
on SDH labels for RPR

Discussion at Q.9/15 (July 2002)

- Huub van Helvoort - G.707 Editor
- Ghani Abbas - Q.9/15 rapporteur

Issue

- **Editors Note - Clause 7.4**

  - D0_3 comment 434 requested clarification of the C2 signal label values for RPR using GFP and HDLC-like framing. P802.17 liaison to ITU has been requested to clarify whether to use the existing values for GFP delineated payloads (0x1B) and HDLC-like-framed payloads (0X16) or whether specific values for RPR payloads can be assigned.

Recommendation

- It is appropriate for RPR to <u>use the existing C2 bits</u> defined for GFP or HDLC since those are the payloads that SDH (or SONET) is transporting.

- It would not make architectural sense to define a plethora of separate labels for sub-payloads like RPR.

- Note that Table 9-11 of G.707 (10/2000) assigns 0x1B for GFP payloads while 0x16 is for HDLC/PPP and 0x18 is for HDLC/LAPS payloads.