ITU-T SG13/SG15 updates

March 6, 2006
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Recent related meetings

- SG13 plenary meeting: Jan. 16 - 27, 2006, Geneva
- SG15 plenary meeting: Feb. 6 – 17, 2006, Geneva
Future related meetings

- SG13/SG15 joint interim meeting: April 22-27, Kobe (Japan)
  - Ethernet/MPLS related issues of the following Questions:
    - Q.5/13 (OAM)
    - Q.9/15 (Protection switching and equipment)
    - Q.12/15 (Network architecture)
- SG15 interim meeting on Q.9/15, Q.12/15: June 19-23, Canada
- SG15 interim meeting on Q.9/15, Q.12/15: Sept. 18-22, Sophia-Antipolis, France
- SG13 plenary meeting: July 17-28, 2006, Geneva
Last meeting results summary (1) – Q.5/13 (OAM)

• Draft Y.1731 (Ethernet OAM)
  – Specifies OAM functions including fault management and performance management functions.
  – Refers IEEE 802.1ag for EtherType code points and some OpCodes.
  – Fully compatible with common functions also defined in IEEE 802.1ag
  – Consented in the last SG13 meeting in Jan. 2006.
  – It is in comment resolution phase after the Last Call.
Draft Rec. G.8031 (Ethernet protection switching)
- Defines bidirectional 1+1/1:1 and unidirectional 1+1 protection switching.
- Current version is for p2p only.
- Consented in the plenary meeting in Feb. 2006 (it is under Last Call now).

1:1 bidirectional protection switching architecture
Last meeting results summary (3) – Q.9/15

• Draft Revised Rec. G.8021 (Ethernet equipment)
  – Specifies functional model for Ethernet equipments
  – Descriptions related to VLAN capabilities were updated as “Amendment 1”
  – Amendment 1 was consented in SG15 plenary in Feb. 2006.
  – OAM related issues are planned to be consented in the next SG15 plenary in Nov. 2006.
Last meeting results summary (4) – Q.12/15

• Draft Revised Rec. G.8010 (Ethernet architecture)
  – Specifies Ethernet architecture model
  – OAM related issues were updated and the “Amendment 1” was consented in SG15 plenary in Feb. 2006.
  – Full revision is planned toward the next SG15 plenary in Nov. 2006.

• Next Generation Ethernet
  – Several work items were suggested
  – Discussion on CO/CL unified model (G.ufatn) was progressed.
Backup slides
Ethernet related Questions: rapporteurs and liaisons

• ITU-T SG13
  – Q.5/13 (OAM): Gilles Joncour (FT)

• ITU-T SG15
  – Q.3/15 (Coordination and terminology): Hiroshi Ohta (NTT)
  – Q.9/15 (Protection and equipment): Ghani Abbas (Marconi)
  – Q.11/15 (Service, mapping): Mark Jones (Sprint)

• SG13 liaison representatives to:
  – IEEE 802.1: Dinesh Mohan (Nortel)

• SG15 liaison representatives to:
  – IEEE 802.1: Hiroshi Ohta (NTT)
  – IEEE 802.3: Glenn Parsons (Nortel)
  – IEEE 802.17: Glenn Parsons (Nortel)
  – MEF: Glenn Parsons (Nortel)
## Status of related Recommendations

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<th>Q.</th>
<th>Rec. No.</th>
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<th>Title or Proposed Title</th>
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<td>5/13</td>
<td>Y.1731</td>
<td>N</td>
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<td>Terms and definitions for Ethernet Frames over Transport</td>
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<td>G.7041</td>
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<td>Generic Framing Procedure (GFP)</td>
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