ITU-T SG13/SG15 updates

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Recent meetings

- SG15 plenary meeting: Nov. 29 – Dec. 3, Geneva
  - Ethernet architecture, services and protection switching issues were discussed.

- SG13 plenary meeting: Dec. 7 – 17, Geneva
  - Ethernet OAM issues was discussed.

- At the WTSA in Oct. 2004, new ITU-T structure was determined. New Questions were assigned to each SG.

- At their first plenary meetings indicated above, rapporteurs and other roles were appointed.

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)
  - Q.12/15 (Network architecture): Malcolm Betts (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)

Ethernet related Recommendations

- Q.5/13
  - Y.17ethoam (OAM) (New editor: Dinesh Mohan (Nortel))

- Q.3/15
  - G.voceth (Ethernet related terminology)
- Q.9/15
  - Y.17ethps (Protection switching)
  - G.8021 (Ethernet equipment)
- Q.11/15
  - G.7041 (GFP)
  - G.8011 (Ethernet over Transport)
  - G.8011.1 (Ethernet Private Line service)
  - G.8011.2 (Ethernet Virtual Private Line service)
  - G.8012 (Ethernet over Transport NNI)
- Q.12/15
  - G.8010 (Ethernet Layer Network Architecture)

Status of related Recommendations

Q.	Rec. No.	N/R	Title or Proposed Title	Issued date	Next Target
5/13	Y.17ethoam	N	OAM functions and mechanisms for Ethernet based networks	--	2006
3/15	G.voceth	N	Terms and definitions for Ethernet Frames over Transport	--	05/2005
9/15	G.8021	R	Characteristics of Ethernet Transport Network Equipment Functional Blocks	4/2004	02/2006
9/15	Y.17ethps	N	Ethernet protection switching	--	02/2006
11/15	G.7041	R	Generic Framing Procedure (GFP)	11/2004	02/2006
11/15	G.8011	R	Ethernet over Transport – Ethernet Service Characteristics	04/2004	02/2006
11/15	G.8011.1	R	Ethernet Private Line Service	04/2004	02/2006
11/15	G.8011.2	N	Ethernet Virtual Private Line Service	--	02/2006
11/15	G.8012	R	Ethernet UNI and Ethernet over Transport NNI	04/2004	02/2006
12/15	G.8010	R	Ethernet Layer Network Architecture	10/2003	02/2006

Last meeting results summary (1) – Q.5/13

- Updated draft is attached with the liaison from SG13
- The "Scope" was updated
- Particular attention was paid on sections 5. "Conventions" and 6. "OAM relationships"
- ME level assignment in section 5.6 was reversed.
- The ETH-CC process is now defined as being able to be enabled/disabled. Other OAM mechanisms were considered as not being dependent on ETH-CC.
- Q.5/13 re-confirmed to align Ethernet related developments with IEEE.
- Q.5/13 works with closely with Q.9, 11, 12/15.
- It was identified that some of the material that they have developed in Q.5/13 could better fit in other ITU-T Recommendations (e.g., G.8010 (architecture) or G.8021 (equipment).

Last meeting results summary (2) – Q.3/15

- Hold a OTNT (Optical Transport Network Technology) coordination meeting with related Questions (Q.6, 7, 9, 11, 12, 13, and 14/15)
- Started work on Terminology Rec. for Ethernet over Transport

Last meeting results summary (3) – Q.9/15

- **Draft new Rec. Y.17ethps (Ethernet protection)**
  - Restructured based on G.808.1 (Generic protection switching)
- **Draft revised Rec. G.8021 (Ethernet equipment)**
  - Text for describing the link aggregation function to be added to the next revision

Last meeting results summary (4) – Q.11/15

- **Draft new Rec. G.8011.2 (Ethernet Virtual Private Line)**
  - Added the description on traffic conditioning function
  - Added the description on Layer 2 Control Protocol Processing
- **Draft new Rec. G.8012 (Ethernet over Transport NNI)**
  - Added definitions for Ethernet over RPR (EoRPR)

Last meeting results summary (5) – Q.12/15

- ## Draft revised Rec. G.8010 (Ethernet Architecture)
  - A model for RPR was added.
  - Modeling of EFM OAM was clarified.
  - The study for "Ethernet Transport Multiplexing Function" was started.

Future meetings

<Interim meeting on Ethernet issues>

- Experts on Q.5/13, Q.9/15, Q.11/15, Q.12/15 and Q.14/15 are expected to attend.

- Venue: Genoa, Italy

- Dates: Feb. 28 – March 4, 2005

<Plenary meetings>

- SG13 plenary meeting: April 25 – May 6, Geneva

- SG15 plenary meeting: May 16 – 27, Geneva