



ITU-T SG13/SG15 updates

March 6, 2006

Hiroshi Ohta, NTT (SG15 Liaison, ohta.hiroshi@lab.ntt.co.jp)

Dinesh Mohan, Nortel (SG13 Liaison, mohand@nortel.com)

Recent related meetings

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

Future related meetings

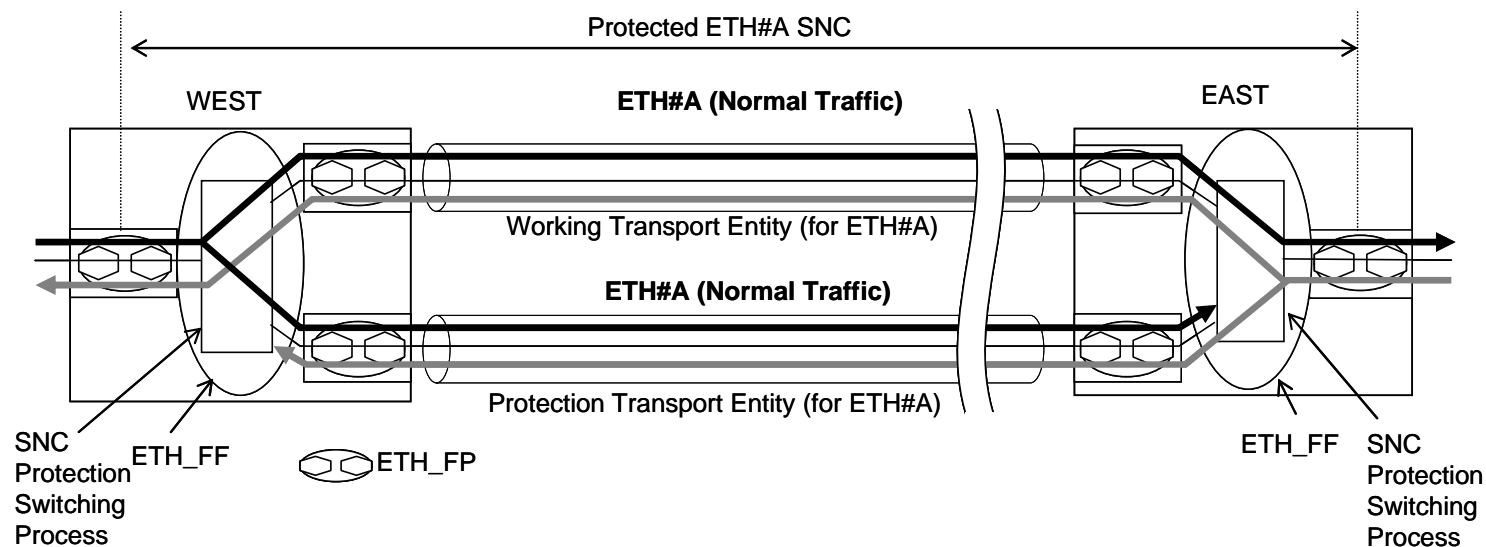
- SG13/SG15 joint interim meeting: April 22-27, Kobe (Japan)
 - Ethernet/MPLS related issues of the following Questions:
 - Q.5/13 (OAM)
 - Q.9/15 (Protection switching and equipment)
 - Q.12/15 (Network architecture)
- SG15 interim meeting on Q.9/15, Q.12/15: June 19-23, Canada
- SG15 interim meeting on Q.9/15, Q.12/15: Sept. 18-22, Sophia-Antipolis, France
- SG13 plenary meeting: July 17-28, 2006, Geneva
- SG15 plenary meeting: Oct. 30 – Nov. 10, 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.

Last meeting results summary (2) – Q.9/15

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

Q.	Rec. No.	N/R	Title or Proposed Title	Issued date	Next Target / AAP status
5/13	Y.1731	N	OAM functions and mechanisms for Ethernet based networks	--	AAP/comment resolution
3/15	G.8001	N	Terms and definitions for Ethernet Frames over Transport	--	AAP/LC
9/15	G.8021	R	Characteristics of Ethernet Transport Network Equipment Functional Blocks	4/2004	Amd.1 AAP/LC
9/15	G.8031	N	Ethernet protection switching	--	AAP/LC
11/15	G.7041	R	Generic Framing Procedure (GFP)	05/2005	2008
11/15	G.8011	R	Ethernet over Transport – Ethernet Service Characteristics	08/2004	2007
11/15	G.8011.1	R	Ethernet Private Line Service	04/2004	2007
11/15	G.8011.2	N	Ethernet Virtual Private Line Service	05/2005	2008
11/15	G.8012	R	Ethernet UNI and Ethernet over Transport NNI	08/2004	2007
12/15	G.8010	R	Ethernet Layer Network Architecture	02/2004	Amd.1 AAP/LC, revision 11/2006
12/15	G.ufatn	N	Unified Framework for the Architecture of Transport Networks	--	11/2006