

Question(s): 2/15

21-31 October 2003

TEMPORARY DOCUMENT

Source: Rapporteur Q.2/15

Title: Report of Q.2/15 Rapporteur meeting, 13 – 14 August 2003, Santa Clara, USA

Objectives

To progress work items towards consent. These included G-PON new Recommendations on transmission convergence (now designated G.984.3), G-PON.OMCI and B-PON (G.983 series updates): Implementers Guide, DBA management, and study items such as revised power levels for analogue video.

Agreements

Three documents are to be presented for consent in October. White contributions are needed by TSB on 20 Aug for the October SG15 plenary. The working documents contributed to this meeting and going for consent were.

SC15 on Performance Monitoring in Dynamic Bandwidth Assignment (DBA) function for Broadband Passive Optical Network (BPON). This will be presented as an Amendment to G.983.4. Details are to appear as an Annex.

SC17 “Implementers’ guide to basic function on B-PON, G.983.1”. The Editor is Kazuo Fujiwara and the co-editor is Tetsuya Yokotani.

SC18 “Transmission Convergence Layer for Gigabit Passive Optical Networks”, as Draft Recommendation G.984.3.

Satoru Karasawa was recommended by Julie Lorentzen to be co-editor of G.PON.OMCI. Q.2/15 members agreed to this.

Updated versions of SC01 “ONT management and control interface specification for G-PON” and SC14 “The living list” are available at the following URLs respectively:

http://ties.itu.int/u/tsg15/sg15/wp1/q2/03-10-geneva/G984-omci-v1_31clean.doc

<http://ties.itu.int/u/tsg15/sg15/wp1/q2/03-10-geneva/G984-omci-living-listv1.xls>

Following discussion on SC03 on Circuit Emulation over Ethernet Networks, Richard Brand was asked by Q.2/15 members to gather requirements for circuit emulation over Ethernet via relevant ITU exploders.

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General issues and key discussion points

Dave Faulkner welcomed the 26 delegates to the meeting. The agenda was updated to include reference to the contributions received.

The list of attendees is given in Annex 1

The list of contributions is given in Annex 2.

Dave presented SC04 on G.984.2, G-PON Physical Medium Dependent Layer, AAP Comment Resolution.

All editors presented an overview of their documents. Satoru Karasawa presented the OMCI documents on behalf of Julie Lorentzen, editor, and with agreement by the meeting. Editorial changes were made to SC01 G-PON.OMCI document and the updated document and living list are available at the following URLs respectively:

http://ties.itu.int/u/tsg15/sg15/wp1/q2/03-10-geneva/G984-omci-v1_31clean.doc

<http://ties.itu.int/u/tsg15/sg15/wp1/q2/03-10-geneva/G984-omci-living-listv1.xls>

No progress was reported on the B-PON OMCI enhancements for DSL and WLAN management. It may be necessary to split the document into two parts as the DSL has unresolved issues beyond the scope of Q.2/15.

SC18 on Transmission Convergence Layer for Gigabit Passive Optical Networks was presented by Frank Effenberger and will be submitted as a White Contribution following editorial changes.

SC12 on 'Clarification of a contribution about Analog video considerations' was presented by Frank Effenberger for information. It was agreed that this should be carried forward as a study item.

Circuit Emulation over Ethernet Networks SC03 was presented by Richard Brand for information and promoted lively discussion. It was considered that this should have no impact on G-PON as Ethernet transmission would be transparent to the PON. Richard will gather service requirements for Circuit Emulation over Ethernet for possible progression in Q.2/15 or elsewhere.

Liaison

Q.2/15 sent a liaison statement to IEEE 802.3ah in January and two documents were received in reply (SC05 and SC06) plus a draft specification SC08 with date of expiry 16 May. Richard Brand presented the replies to Q.2/15 members.

The next Q.2/15 meeting will be during the SG 15 plenary meeting. The proposed agenda, as agreed, is attached.

An interim meeting is planned on 11 Dec 2003 in the UK to be hosted by BT. This will follow immediately after FSAN at the same location. 5 Contributions need to be identified by 5th November to gain permission from the ITU to hold this meeting.

Richard Brand of Nortel was thanked for hosting this meeting.

Additional Work Needed

See Agenda in Annex 3.

Annex 1

Name	Organisation
Julie Lorentzen	SBC-TRI
Richard Brand	Nortel
Frank Effenberger	Quantum Bridge
Yoichi Maeda	NTT
Dave Faulkner	BT
Seyoun LIM	Samsung
Jaeyeon Song	Samsung
Templin, Andreas	T-Nova
Steve Swanson	Corning
Michael Truskowski	Cisco
Tetsuya Yokotani	Mitsubishi
Bernard Dugerdil	Motorola
Satoru Karasawa	OKI
Tom van Caenegem	Alcatel
Leopold Diouf	Alcatel
Young Tang	Samsung
Tetsuya Yokomoto	Fujitsu
Joseph Kim	ST Microelectronics
Tatsuya Egashira	NEC
Lowell Lamb	Terawave
Tohru Kazawa	Hitachi
Yukihiro Yoshida	NTT
Walt Soto	Agere
Kent McCammon	SBC Labs
Ido Ouzeili	FlexLight Networks
Brain Ford	BellSouth

Annex 2

List of contributions

Document Number	Title	Source
01	Draft Recommendation G.984.omci rev. 1.1	Editor and acting co-editor G.984.omci
02	Proposed meeting Agenda draft B	Q.2/15 Rapporteur
03	Circuit Emulation over Ethernet Networks	Nortel Networks (USA), Agere Systems
04	G.984.2, G-PON Physical Medium Dependent Layer, AAP Comment Resolution	Q.2/15 Rapporteur
05	SG15 Q.2 Ethernet OAM Activities	IEEE P802.3ah EFM Task Force
06	SG15 Q.2 Point to point Ethernet based access systems	IEEE P802.3ah EFM Task Force
07R1	Implementers' Guide to basic function on B-PON	NTT, Mitsubishi Electric Corp. and Hitachi
08	IEEE P802.3ah Draft 1.414. Draft P2P and P2MP EPON specifications (Not uploaded, will be distributed at the meeting)	IEEE P802.3ah EFM Task Force
09	PON systems standards developments in FSAN and ITU-T (for information only)	David W. Faulkner and Yoichi Maeda
10	Transmission Convergence Layer for Gigabit Passive Optical Networks	Editor and acting Editors G.984.3
11	Analog video considerations, and their impact on G.983.3	Quantum Bridge
12	Clarification of a contribution about Analog video considerations	NTT
13	Draft recommendation G.984.omci rev. 1.3	Editor and acting Editor
14	G.984.omci living list	Editor and acting Editor
15	Draft Recommendation G.983.4 AM1: Performance Monitoring in Dynamic Bandwidth Assignment (DBA) function for Broadband Passive Optical Network (BPON)	Mitsubishi Electric Corp. and NTT

16	Performance monitoring for DBA	Mitsubishi Electric Corp.
17	Implementers' guide to basic function on B-PON - Implementers' guide for G.983.1 -	NTT, Mitsubishi Electric Corp and Hitachi
18	Transmission Convergence Layer for Gigabit Passive Optical Networks – Contribution for SG 15 meeting, October 2003	Editor and acting Editors G.984.3
19	Meeting report	Q.2/15 Rapporteur

Annex 3

ITU - Telecommunication Standardization Sector

Working Document (WP1/15)

STUDY GROUP 15

Geneva

Question(s): Q.2/15 Optical systems for access networks

SOURCE*: Rapporteur Q.2/15

TITLE: Proposed Agenda, Draft A

Date 23 - 24 October 2003

Venue Geneva

Host: ITU

Duration: Two days

Suggested Timing 09:30 Thur	1. Opening of the Meeting Introductions and Objectives: Progress G-PON series of recommendations. Updates to B-PON series. Progress study items.	
09:45-10:00	2. Approval of the Agenda	(this doc.)
10:00-10:30	3. B-PON DBA management	Contributions invited
11:00-11:30	4. Implementers' Guide to basic function on B-PON	Contributions invited
11:30-12:00	5. Gigabit(s)/s PON transmission convergence layer	Contributions invited
14:00-15:00	5. continued	Contributions invited
15:30-16:30	6. OMCI for G-PON	Contributions invited
16:30-17:00	7. OMCI enhancements for B-PON (DSL and WLAN)	Contributions invited
Fri 09:30	8. study items e.g. circuit emulation, G.983.3 Amendment	Contributions invited
	9. Editing	
	10. Liaison statements	
	11. Agree way forward for Q.2	
	12. Check Rapporteur's Report and Closing remarks	
17:00 (or earlier)	13. Closing	