

# Meeting Minutes

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**Group:** IEEE 802.3 NGEPON ad hoc

**Event:** Interim meeting

**Date:** 9 Sep 2014

**Location:** Kanada, ON, Canada

## Minutes

9:05 AM – The Chair called the meeting to order, Introductions were made

### **Motion #1** Approve the agenda

Moved: Kevin Noll

Second: Duane Remein

Procedural ( $\geq 50\%$ )

Passed by voice without opposition

**Motion #2** Move to approve the minutes from the San Diego meeting as recorded in Meeting\_minutes\_NGEPON\_unapproved\_140713.pdf

Moved: Marek Hadjczenia

Second: Kevin Noll

Procedural ( $\geq 50\%$ )

Passed by voice without opposition

## Detailed presentation material:

### **Bandwidth demand forecasting (for TR section 4.2.2)**

Bill Powell

Alcatel Lucent

This presentation provided information on data capacity demand forecasts. The source and accuracy of the data on slide 7 was questioned as it appears that higher quality video resolution adoption is lower than expected. Compression bit rates (slide 10) were also questioned. It was stated that the bandwidth requirements should be set based on what is offered not on what the demand is. It was also noted that, as tablet devices become a larger percentage of the video viewing devices, video moves towards unicast Video over IP.

#### **4.2.2 Bandwidth demand forecasting**

Bill Powell

Alcatel Lucent

Textual content, complementary to harstead\_ngepon\_01a\_0914.pdf, intended to be added to the draft report. It was requested to change the title to "Residential access bandwidth demand forecasting". It

was also requested that the authors provide the excel source for the embedded graphs. There was no objection to adding this material.

## **WAVELENGTH ALLOCATION FOR NG-EPON**

Marek Hajduczenia & Michel Allard Bright House Networks & Cogeco

This presentation examined available optical spectrum, given existing systems, and suggested several possible wavelength plans. It was noted that backwards compatibility needs vary greatly depending on greenfield vs brownfield situation. It was concluded that compatibility with RFoG systems is not required.

### **5.8 Coexistence and Backward Compatibility** Marek Hajduczenia & Michel Allard Bright House Networks & Cogeco

Text for draft report, complementary to bhn\_and\_cogeco\_ngepon\_1\_0914\_R03.pdf. A mark-up version is also available at

12:39 PM recessed for Lunch

1:30 PM reconvened

## **Draft report comment resolution**

The group reviewed comments against the draft report as documented in NG-EPON IC Report R07c DR KN MH KN MH.docx. It was noted that one set of comments were not included in this file. These were reviewed separately.

### **Straw poll**

Use Single scheduling domain WDMPON (SSD-WDMPON) & Multi scheduling domain WDMPON (MSD-WDMPON) in place of TWDM PON and WTDM PON.

Agree	10
Disagree	0
Abstain	2

## **Presentations (cont)**

**Tunable Receiver Technologies** Minghui Tao, Zhicheng Ye Huawei

This presentation provided a survey of tunable filter technology. A supplemental file with text for the draft report was also provided. There was no objection to adding this material.

## **Draft report comment resolution (cont)**

The group reviewed comments against the draft report as documented in NG-EPON\_IC\_Report\_R07c\_tao.docx. There was no objection to adding the material regarding Broadband China provided in tao\_ngepon\_02\_0914.

## **Closing**

Next meeting: will request 1:00PM-6:00PM Sunday 1 Nov 2014.

**Call for contributions**

The editors requested material on Advanced modulation techniques over fiber be supplied at the next meeting.

The comment process for the next draft report will be same as before; MS Word comment bubble with supplemental files for major changes (supplemental files on existing text should include change tracking).

3:08 PM the meeting was adjourned.