
Wavelength Allocation Ad Hoc Status Report

Keiji Tanaka

KDDI R&D Laboratories Inc.

Presentations in July meeting

Downstream

| Proposed wavelength | Coexistence with | | |
|---|------------------|----------|--|
| | 1G-EPON | RF-Video | OTDR |
| <u>3av 0707 effenberger 2.pdf</u> 1590nm (CWDM grid) | Yes | 24nm-GB | OTDR filter replacement may be necessary for some cases. |
| <u>3av 0707 mao 1.pdf</u> 1310 nm | No | >30nm-GB | Yes |
| <u>3av 0707 uematsu 1.pdf</u> 1577 nm | Yes | 14nm-GB | Yes |

Straw polls in July meeting

- What is the downstream center wavelength preference for B++ when coexistence is required? (Chicago rules)

| | |
|-----------------------------|-----------|
| 1590 nm: | 15 |
| 1577 nm: | 31 |
| 1310 nm: | 1 |
| 1350 nm: | 1 |
| Too early to decide: | 16 |

- What is the downstream center wavelength preference if coexistence were not required? (Chicago rules)

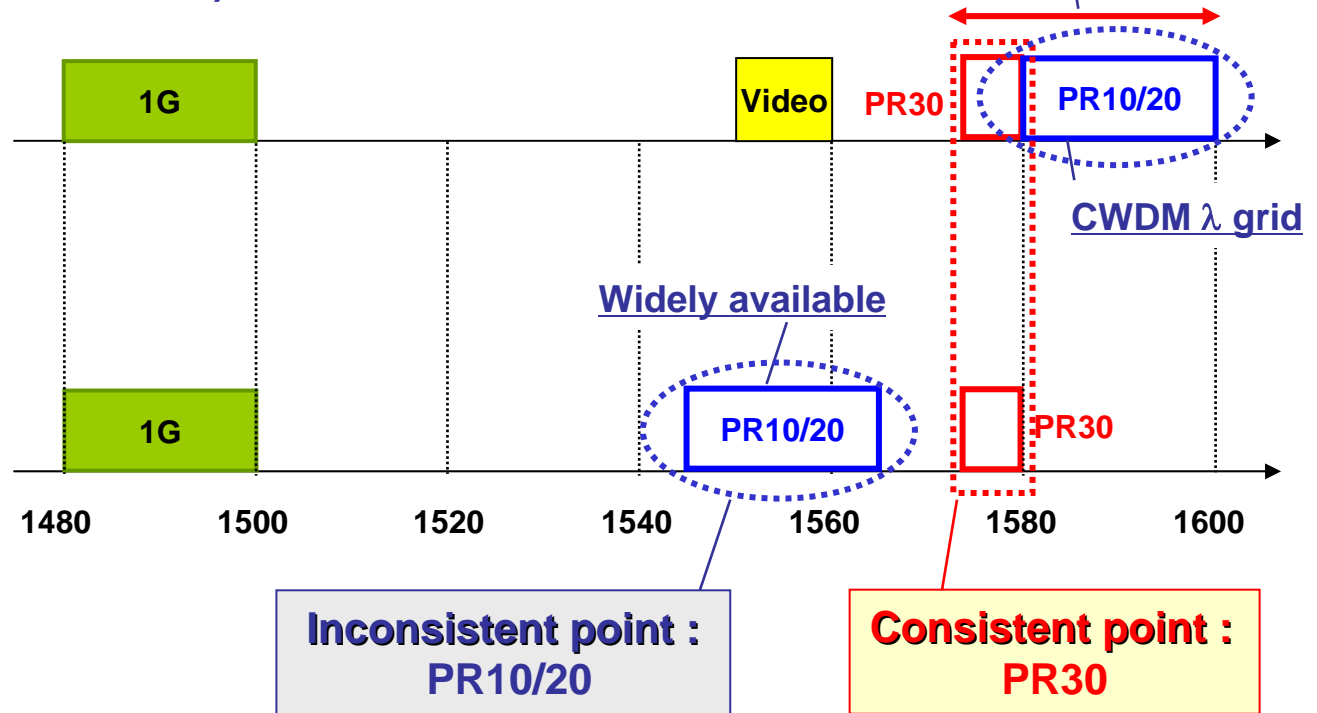
| | |
|-----------------------------|-----------|
| 1590 nm: | 7 |
| 1577 nm: | 24 |
| 1310 nm: | 0 |
| 1350 nm: | 1 |
| 1490 nm: | 10 |
| 1550 nm: | 8 |
| Too early to decide: | 12 |

Proposals in this meeting

Proposal A

(Huawei, Nokia Siemens, NTT)

Same receiver specifications for PR10/20 and 30



Proposal B

(ETRI)

Goal

To specify **central wavelength** and **pass-band** of PR10/20/30, for downstream

Motions in July meeting

#13

- **All power budget classes shall use same central wavelength and pass band for downstream.**
--> Withdrawn

#14

- **Postpone the discussion on downstream pass band until downstream power budget baseline is selected.**
--> Passes

#26

- **Motion to rescind Motion #14 and postpone the adoption of downstream pass band until downstream power budget baseline is selected.**
--> Passes