

# Wavelength Plan Discussion

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# Wavelength Plans Straw Poll

	1 <sup>st</sup> Choice	2 <sup>nd</sup> Choice	3 <sup>rd</sup> Choice	4 <sup>th</sup> Choice	Hate it
<b>Plan "A"</b> (All WDM)	12	6			0
<b>Plan "B"</b> (TDM for US0 & USx)	6	5			7
<b>Plan "C"</b> (Compromise WDM + TDM)	0	8			7
<b>Plan "Z"</b> (WDM + 20 nm US0)	5	6			6
<b>Plan "PA"</b> (WDM + Delayed TDM)	3	7			1

## □ Motion #3 from 11/2016

The 802.3ca standard shall specify that all 100G ONUs and OLTs use the same four wavelength pairs, one of which is the same wavelength pair as used by 25G ONUs and OLTs ("1+3" solution).

## □ Motion #8 from 11/2016

To reduce the Four Wave Mixing penalty at high power, disallow any equally-spaced wavelength plan where more than one wavelength is located within the zero-dispersion range.

- Move to accept an O-band channel plan that only supports WDM coexistence with 10/10G-EPON.
  
- Moved: Phil Miguelez
- Seconded: Alex Umnov
- Technical  $\geq 75\%$
  
- Y: 18 N: 10 A: 4
- Motion failed

- Move to accept an O-band channel plan that supports WDM coexistence of 10/10G-EPON with 25G ONUs.
  
- Moved: Ed Walter
- Seconded: Alan Brown
- Technical  $\geq 75\%$
  
- Y: 18 N: 8 A: 3
- Motion failed