

Panel Session


Acquiring Subsea Spectrum

Moderator: Erik-Jan Bos

GLIF 2015

Praha, CZ – September 30, 2015

1. Panel introduction: Erik-Jan
2. Opportunities and challenges for subsea spectrum:
 - Chip, Joe, Dale, David, Rodney, Charles
3. Q&A among the panelists
4. Q&A with the audience
5. Closing down: Erik-Jan

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- Chip Cox, AmLight
- Joe Mambretti, StarLight International/
National Communications Exchange
- Dale Finkelson, Internet2
- David Wilde, AARNet
- Rodney Wilson, Ciena
- Charles Yun, REANNZ

Left-Right Political Spectrum

Left Wing

Right Wing



Not the topic for today

Communist

Socialist

Dem

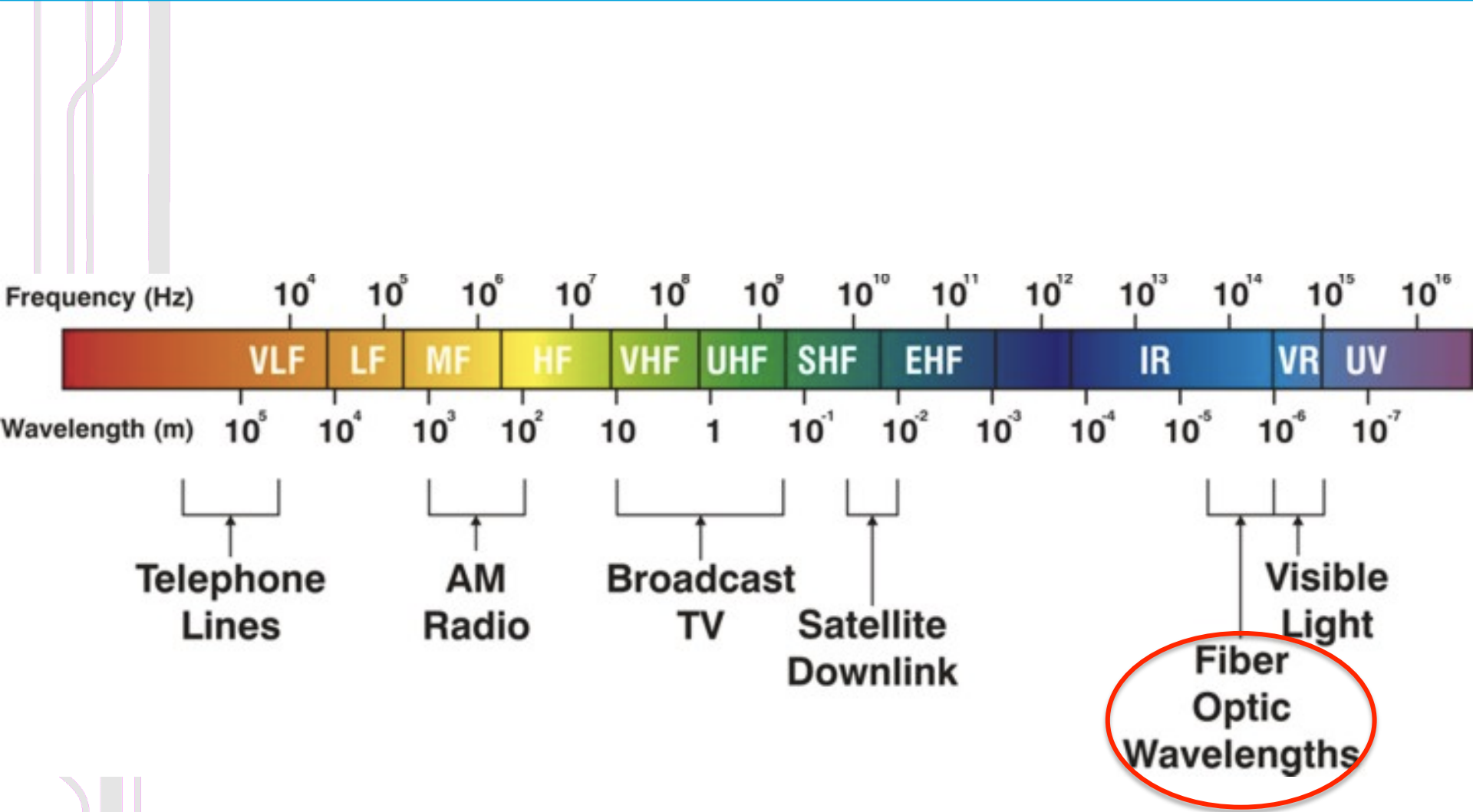
Republican

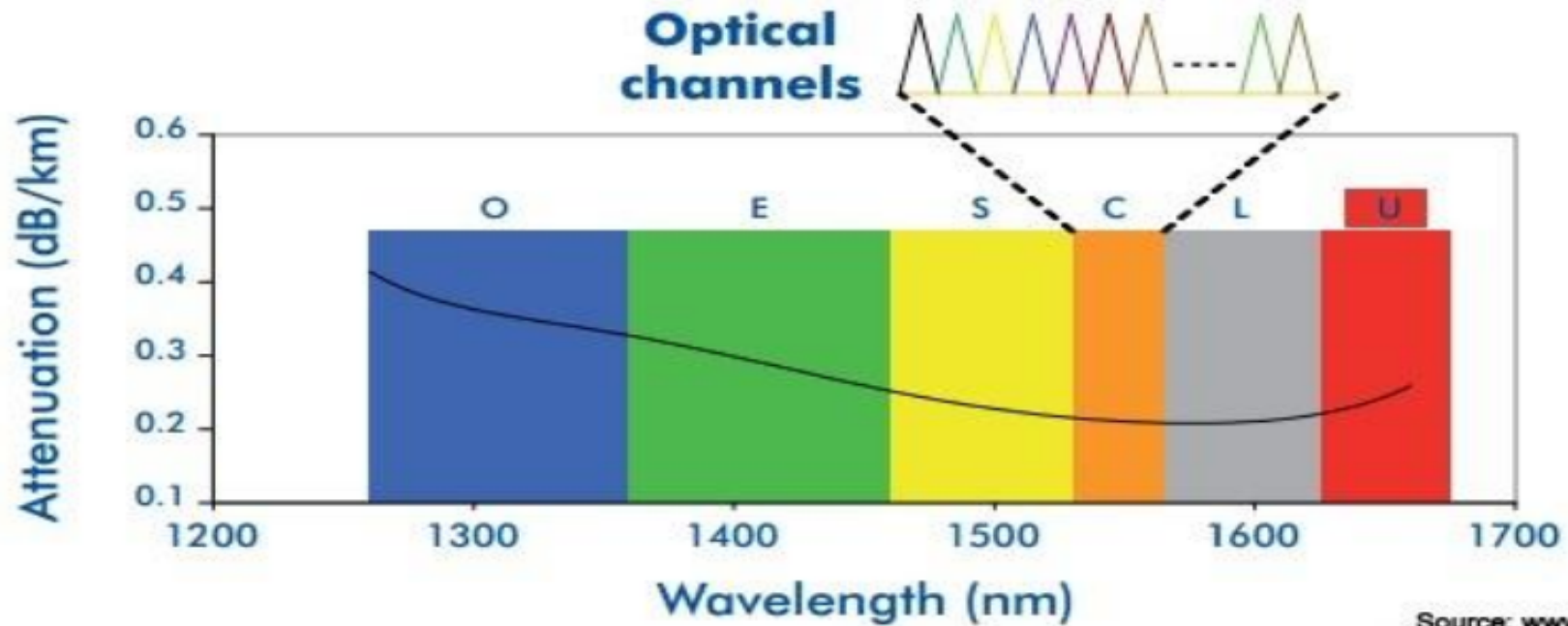
Libertarian

Independent

Utter
Freedom

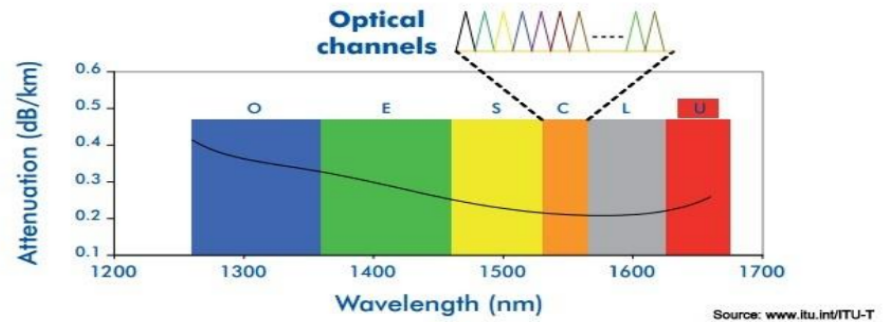
What Spectrum?





Source: www.itu.int/ITU-T

- C-band usage



- Example

- 3400 GHz for spectrum sale on one trans-Atlantic fiber pair
- Min BW/customer = 850 GHz
- Derivable data rate = 0.735 bit/s/Hz
- $\frac{1}{4}$: 850 GHz \rightarrow 620 Gbit/s

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Thank You!

