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CCAMP-Q6/15 Questions

WSON Impairments

- What impairment data are relevant/stable for control plane to collect for its path computation
 - Are the computational approaches defined in G.680 a reasonable basis for our work?
 - Is our use of G.680 /G.697 Appendix V defined parameters reasonable?
 - What other documents should we be referencing?

G.698.2 Related

- Are the currently identified set of managed parameters
 - Reasonable?
 - Sufficient?

Managed parameters

Table 1: General parameters

Table 2: parameters at Ss

Managed parameters

```
| Get/Set | Reference
I PARAMETERS
| dispersion
| Min optical return loss at Ss
                          | G | G.698.2 S.7.3.3 |
| MAX discrete reflectance between Ss | G | G.698.2 S.7.3.4 |
l and Rs
| MAX differential group delay
                             | G | G.698.2 S.7.3.5 |
| MAX polarization dependent loss | G | G.698.2 S.7.3.6 |
| MAX inter-channel crosstalk
                             | G | G.698.2 S.7.3.7 |
| MAX interferometric crosstalk
                             | G | G.698.2 S.7.3.8 |
| MAX optical path OSNR penalty | G | G.698.2 S.7.3.9 |
| MAX ripple
                       | G | G.698.2 S.7.3.1 |
```

Table 3: parameters between Ss and Rs

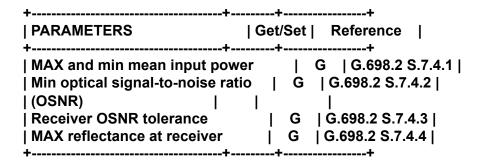


Table 4: mandatory parameters at Rs

6

G.698.2 Related (cont)

- Can Q6 provide guidance on which parameters is work ongoing: 10G, 40G, 100G, 400G, 1T?
- How will transceivers that meet a set of application codes be represented?
 - E.g. A receiver that can operate under over an extended range?
- What future management parameters will be introduced to support:
 - Colourless/Directionless/Contentionless ROADMs?
 - Flex Spectrum, Super Channel, full coherent networks?

Flexi-Grid Related

- Four Questions (see slides-86-ccamp-29)
 - What is the relation between optical signal layer (OCh) and media layer?
 - How do we characterize links and nodes?
 - Resource allocation
 - Additional link properties?

Flexi-Grid Related (cont.)

- Super channel
 - What is the current view/status on definition of an entity containing more than one frequency slot?
 - Based on current view/definition(s), is there any restriction on treating more than one frequency slot as a single entity for control/ management plane functions?

(ref: slides-86-ccamp-34)