A YANG Data Model for Layer 0 Types - Extension

draft-esdih-ccamp-layer0-types-ext-00

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Scope of the new document

- `draft-ietf-ccamp-layer0-types-09` has been reduced in scope, before publication, to only cover spectrum management related aspects required for the YANG module `ietf-wson-topology` defined in `draft-ietf-ccamp-wson-yang`.

- This document complements the content of “layer0-type” reconciling the different transponder models (WSON, flexgrid, dwdm-if-param, optical impairments) present in CCAMP using common YANG structures and definitions (typedefs, identities, groupings).

- The life cycle of this draft will be in parallel of `draft-ietf-ccamp-layer0-types` and will be updated with the content of `layer0-type` as soon as it will reach publication as well as `wson-topology` draft, changing the name as `layer0-type` (see next slide for reference).
What can happen for other L0 drafts

• Other L0 drafts can follow the same path as wson-topology and optical-impairment-topology
• Flexgrid-topology ([draft-ietf-ccamp-flexigrid-yang-09](https://example.com)) is a pretty stable version we can think that it could follow the same path as wson-topology, using layer0-type-v1 in the process to become RFC
• Flexgrid-tunnel ([draft-ietf-ccamp-flexigrid-media-channel-yang-03](https://example.com)), wson-tunnel ([draft-ietf-ccamp-wson-tunnel-model-05](https://example.com)) and interface-model ([draft-ietf-ccamp-dwdm-if-param-yang.05](https://example.com)) are not yet in the IESG process, so we could envisage for them a process with layer0-type-ext and layer0-type V2.
• Nothing prevent to introduce a layer0-type v3 in case some time discrepancy can happen among different drafts in the RFC process.
Next Steps

• WG adoption

• Add other YANG structures (grouping, identities, etc) as needed by other L0 YANG models in CCAMP
Thank You!