draft-merge-ccamp-otn-b100g-fwk-01

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Emphasis of this draft

- Control of B100G specific capabilities
  - ODUCn is a layer network with full monitoring capability, but no flexibility. Because there is no concept of "ODUCn subnetwork" in G.872.
  - The OTUCn/ODUCn/OPUCn signals can be viewed as being formed by interleaving n OTUC/ODUC/OPUC signals (which are labeled 1, 2, ..., n). Each OTUC/ODUC/OPUC signals may be transported over different interfaces. The OTUCn/ODUCn LSP should be able to bond OTUC/ODUC signals together and distribute them over different interfaces.
  - OTUCn-M -- same OH as OTUCn but only M tributary slots of capacity
  - Time Slot Granularity -- 5G
  - TPN -- Support for TPN allocation and negotiation

History

- The first version of B100G draft was presented at IETF 97 meeting.
- Current version is produced by merging of draft-zih-ccamp-otn-b100g-fwk and draft-zheng-ccamp-gmpls-g709v5-fwk.

Topic discussed since IETF 98 meeting

- FlexO is out of the scope of B100G draft.
  - Add some description to draft to describe the transport of OTUCn. This document views FlexO (even if there are some digital sub-layers involved in the adaptation) and other OTUCn transport mechanisms as "lower layers", and are therefore considered out-of-scope.

- FlexE and 400G use cases
  - Add editor's note about FlexE and 400G use cases. All these cases map the non-OTN client signals into ODUflex signals of various rates, it might be better to combine all these usecases into one category that handles ODUflex LSPs. From a control plane point of view, the differences in the data plane processing are not relevant.

Next steps

- WG reviews
- Request for WG adoption