#	Item	Category
1	Develop and approve project timeline	Project management
2	**Create draft D0.1 from 1904.1-2017 package A.**	Project management
3	**ULID provisioning**	LLID provisioning
4	**GLID provisioning**	LLID provisioning
5	**Multicast ULID provisioning**	LLID provisioning
6	**Report format and queue length calculation**	Granting/Reporting
7	**Multicast operation**	New 802.3ca behavior
8	Transceiver status monitoring	New 802.3ca behavior
9	Port selective loopback	New 802.3ca behavior
10	**Optical link protection**	New 802.3ca behavior
11	**Data encryption**	New 802.3ca behavior
12	**Power saving**	New 802.3ca behavior
13	Device and capability discovery	New 802.3ca behavior
14	**Low latency x-haul (AKA cooperative transport interface, mobile/PON coordination, Cooperative DBA)**	New feature
15	LLID and mLLID object types	Management attributes
16	aLlidReportThresholds	Management attributes
17	aOnuId	Management attributes
18	aOnuLlidCount	Management attributes
19	aOnuPonPortCount	Management attributes
20	aLlidForwardState	Management attributes
21	aLlidOamFrameRate	Management attributes
22	aOnuUniPortType	Management attributes
23	aLineRateMode	Management attributes
24	aOnuMulticastLlid	Management attributes

25	aOnuPortConfig	Management attributes
26	aQueueConfig	Management attributes
27	Counter of jumbo frames	Management attributes
28	Counters related to fragments	Management attributes
29	Counters related to envelopes	Management attributes
30	Counters related to separate channels in 50G-EPON	Management attributes
31	Redefine alarm thresholds	Management attributes
32	aFecMode	Management attributes
33	aOnuPwrSavingCap	Management attributes
34	aEeeStatus	Management attributes
35	aPoeStatus	Management attributes
36	aMediaType	Management attributes
37	Allocate new branch codes different from 1904.1 package A.	Management attributes
38	Alternative term to replace "SIEPON"	Editorial
39	Support for TR-200 for 25G-EPON needs to be confirmed	Alignment

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Description of required changes	Big ticket?
	YES
	YES
	YES
	YES
New behavior: gratuitous reports, dynamic reporting priorities	YES
Based on multicast ULID	YES
Similar, but should be wavelength-specific	NO
Maybe different to enable inter-channel loopback	NO
New behavior in multi-channel PON. See slide 22 in tf4_2102_kramer_1.pdf	YES
1) Zero-overhead encryption as in SIEPON, pkg.A, but envelope-based instead of frame-based. 2) Add support for 256-bit keys. 3) Specify encryption using one key per ONU, not per LLID	YES
Consider additional multi-channel mode	YES
New capabilities (fragmentation, multiple channels, etc.)	
	YES
ONUs are unaware if LLID is unicast or multicast. Combine LLID and mLLID into one ObjectType. See tf4_2102_kramer_1.pdf	
Attribute is not applicable to 25G or 50G-EPON. Remove the attribute. See tf4_2102_kramer_1.pdf.	
Per 802.3ca, the ONU has only one MAC address.	
LLID is not equivalent to L-ONU anymore.	
Need to clarify if these are physical or logical PON ports	
LLIDs don't combine user traffic, MPCP, and OAM anymore.	
OAM rate is per ONU now.	
This attribute a superset of aOnuUniPortCount (0x00-09). Do we keep both?	
Need to add new downstream and upstream rates.	
ONU doesn't know whether LLID is multicast or unicast. Just needs to report all provisioned LLID values as (Value, Type, Directionality)	

Currently, aONUPortCount tells ONU how many UNI ports to enable and how many LLIDs to register. In 802.3ca, LLIDs are directly provisioned by NMS, so no LLID count is needed. The setting and querying of UNI port count can also be done using basic attribute aPhyAdminState (0x07/0x00-25) and basic action acPhyAdminControl (0x09/0x00-05). Do we keep both methods? Should be resolved together with #3 ULID Provisioning	
Queues need to be associated with either LLID or UNI. Need to describe what happens to queues when the LLID is deallocated or UNI is disabled.	
New attribute(s) are needed	
What to count and how? Proposal is needed	
New atrtibute(s) are needed	
Discuss if we just need new attributes or also object types to use channels or context objects for various attributes	
Instead of "high" and "low" thresholds, use "set" and "clear" thresholds and allow the "set" threshold be greater or less than the "clear" threshold. See tf4_2102_kramer_1.pdf	
Change is needed to indicate new data rates. Default should be set to enabled. Also, FEC should be per ONU, not per LLID.	
Change may be needed to add new power saving modes in a multi-channel 50G-EPON. Should be resolved togetrher with #12 Power Saving	
What happens when aEeeStatus is set to enabled, but the UNI does not support the EEE function? Need to support querying the ONU capability separately in addition to enabling/disabling the feature.	
What happens when aPoeStatus is set to enabled, but the UNI does not support the PoE function? Need to support querying the ONU capability separately in addition to enabling/disabling the feature.	
Not clear what specific difference this attribute makes at the ONU. Can it be set in conflict with aPhyType (0x07/0x00-20)? The attribute purpose and function need to be clarified.	
Current TF draft uses "SIEPON" in many places. To avoid confusion we should agree on a new term to distinguish the 25G/50G version of SIEPON from the original SIEPON	

Status	Assigned to
Completed	
Completed	
Assigned	Glen Kramer
Assigned	Glen Kramer
Assigned	Glen Kramer
Assigned	Glen Kramer
Unassigned	
Unassigned	
Unassigned	
Unassigned	
Unassigned	
Unassigned	
Unassigned	
Assigned	Curtis Knittle
Completed	Glen Kramer
Completed	
Completed	Glen Kramer
Assigned	Glen Kramer
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Assigned	Glen Kramer
Assigned	Glen Kramer
Assigned	Steve Burroughs
Assigned	Steve Burroughs
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Completed	
Unassigned	
Assigned	Kevin Noll