

## Annex 4A

(normative)

### Protocol implementation conformance statement (PICS)

#### 4A.1 Introduction

#### 4A.2 ONU-specific PICS

##### 4A.2.21 GLID

Item	Description	Subclause	Value/Comment	Status	Support
U-GLID0	ONU supports GLID	8.5.1	ONU supports consolidation of several LLIDs into arbitrary groups using the Group Link ID (GLID)	O	[ ] Yes [ ] No
U-GLID1	<del>ONU does not support GLID</del> Reporting GLID support capability	8.5.2	If the ONU does not support GLIDs, it reports the <i>sGroups</i> sub-attribute value of zero.	M	[ ] Yes
U-GLID2	<del>Filling up GLID</del> Total length of transmissions by GLID members	8.5.3	The sum of lengths of all envelopes transmitted by the GLID members, including the respective envelope headers, does not exceed the <i>EnvLength</i> value allocated to the GLID.	U-GLID0:M	[ ] Yes
U-GLID3a	Reporting GLID <del>summary</del> queue length	8.5.3	For the GLID, the ONU reports the sum of upstream queue lengths of all LLIDs that are members of the given GLID at the moment of REPORT MPCPDU generation.	U-GLID0:M	[ ] Yes
U-GLID3b	Reporting GLID <del>queue length in excess of maximum reportable value, maximum</del> length	8.5.3	If the sum of queue lengths exceeds the maximum reportable value of $2^{24}$ EQ (approximately, 134 Mbytes), the ONU reports the value of $2^{24}$ EQs.	U-GLID0:M	[ ] Yes
U-GLID4	<del>Time of generation of</del> Envelope descriptors	8.5.3.1	The MPCP client generates the envelope descriptors not earlier than the grant cut-off time, as defined in 8.4.1.6.	U-GLID0:M	[ ] Yes
U-GLID5a	Priority scheduling, <del>number of</del> fragments when the Fragmentation flag <del>is</del> set to one	8.5.4.1	If the Fragmentation flag in the corresponding GLID <i>EnvAlloc</i> is set to one, the GLID grant contains at most one new fragment, which would be in the last frame in the GLID grant.	U-GLID0:M	[ ] Yes

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Item	Description	Subclause	Value/Comment	Status	Support
U-GLID5b	Priority scheduling, <u>number of fragments when the</u> Fragmentation flag <u>is set to zero</u>	8.5.4.1	If the Fragmentation flag is set to zero, no new frames are fragmented.	U-GLID0:M	[ ] Yes
U-GLID6	Strict priority scheduling, <u>frame in progress when the</u> Fragmentation flag set to zero	8.5.4.2	If the Fragmentation flag is set to 0, the current frame is allowed to complete its transmission before the higher priority frame starts its transmission.	U-GLID0:M	[ ] Yes
U-GLID7	EQ-based proportional (weighted) sharing, <u>work conservation</u>	8.5.4.3	The ONU does not leave any portions of the GLID grant unutilized if there is any data (frames or frame fragments) available in any of the upstream queues belonging to member LLIDs.	U-GLID0:M	[ ] Yes