802.3dj D1.0
Comment Resolution
Logic Track

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Introduction

- This slide package was assembled by the 802.3dj editorial team to provide background and detailed resolutions to aid in comment resolution.
Clause 175
Clause 177, Inner FEC Sync
Comment # 505

In Figure 177—8, the input variable of state FS_LOCK_INIT is not correct. It would cause a FS lock error.

Suggested Remedy

FS_LOCK_INIT state should be entered after all the 8 flows obtain their inner FEC codeword boundaries and inner FEC flow 0 is identified, when fs_lock is false.

Propose change:
Change the input variable from `!all_synced ` to `all_synced !fs_lock`.

Change the definition of all_synced from
'A Boolean variable that is set to true when sync_flow<x> is true for all eight flows and is set to false when sync_flow<x> is false for any x.' to
'A Boolean variable that is set to true when inner FEC flow 0 is identified and is set to false when sync_flow<x> is false for any x.'
(in page 258 line 48-50)

Proposed Response    Response Status  W
PROPOSED ACCEPT IN PRINCIPLE.

Change the condition for FS_LOCK_INIT state from "!all_synced" to "all_synced!fs_lock"

Change the definition of variable "all_synced" from:
"A Boolean variable that is set to true when sync_flow<x> is true for all eight flows and is set to false when sync_flow<x> is false for any x."
to:
" A Boolean variable that is set to true when sync_flow<x> is true for all eight flows AND inner FEC flow 0 is identified, and is set to false when sync_flow<x> is false for any x."
Clause 177, Inner FEC Sync

Comment # 505

Change the definition of variable “all_synced” in 177.6.2.1 as follows:

all_synced
A Boolean variable that is set to true when sync_flow<x> is true for all eight flows AND inner FEC flow 0 is identified, and is set to false when sync_flow<x> is false for any x.

Change Figure 177-8 as follows: