FCP-3: TPRLO Behavior
(T10/04-129r0)
Dave Peterson, CNT

FCP-3 Rev 3a Table 4 - "Clearing effects of link related functions" currently specifies in the TPRLO column:

PRLI Parameters cleared
   For all logged-in initiators ports; entry should be changed from "N" to "Y"
   Only for N_Port or L_Port associated with the action; entry should be changed from "N" to "-"

To provide further clarification on TPRLO behavior I propose the following replacement text for FCP-3 sub-clause 6.2:

change:

Any FCP IUs received by a target from an N_Port or NL_Port that has not established an image pair with that target or shall be discarded. In addition, a target that receives an FCP_CMND IU from an N_Port or NL_Port that has not established an image pair with that target shall discard the FCP_CMND IU and respond with an explicit PRLO.

to:

Any FCP IUs received by a target from an Nx_Port that does not have an image pair with that target shall be discarded. In addition, a target that receives an FCP_CMND IU from an Nx_Port that does not have an image pair with that target, shall discard the FCP_CMND IU and respond with an explicit PRLO. Reasons why the Nx_Port does not have an image pair with the target include:

a) the Nx_Port has not established an image pair with that target;
b) the target performed an implicit PRLO of the Nx_Port; or
c) the target processed a TPRLO that effected the Nx_Port.

FCP-3: TPRLO Behavior
(T10/04-129r0)
Dave Peterson, CNT

FCP-3 Rev 3a Table 4 - "Clearing effects of link related functions" currently specifies in the TPRLO column:

PRLI Parameters cleared
   For all logged-in initiators ports; entry should be changed from "N" to "Y"
   Only for N_Port or L_Port associated with the action; entry should be changed from "N" to "-"

To provide further clarification on TPRLO behavior I propose the following replacement text for FCP-3 sub-clause 6.2:

change:

Any FCP IUs received by a target from an N_Port or NL_Port that has not established an image pair with that target or shall be discarded. In addition, a target that receives an FCP_CMND IU from an N_Port or NL_Port that has not established an image pair with that target shall discard the FCP_CMND IU and respond with an explicit PRLO.

to:

Any FCP IUs received by a target from an Nx_Port that does not have an image pair with that target shall be discarded. In addition, a target that receives an FCP_CMND IU from an Nx_Port that does not have an image pair with that target, shall discard the FCP_CMND IU and respond with an explicit PRLO. Reasons why the Nx_Port does not have an image pair with the target include:

a) the Nx_Port has not established an image pair with that target;
b) the target performed an implicit PRLO of the Nx_Port; or
c) the target processed a TPRLO that effected the Nx_Port.