

T10/00-297r0

Suggested Changes to Draft Annex D, FCP-2 revision 5 , T10/00-266r0

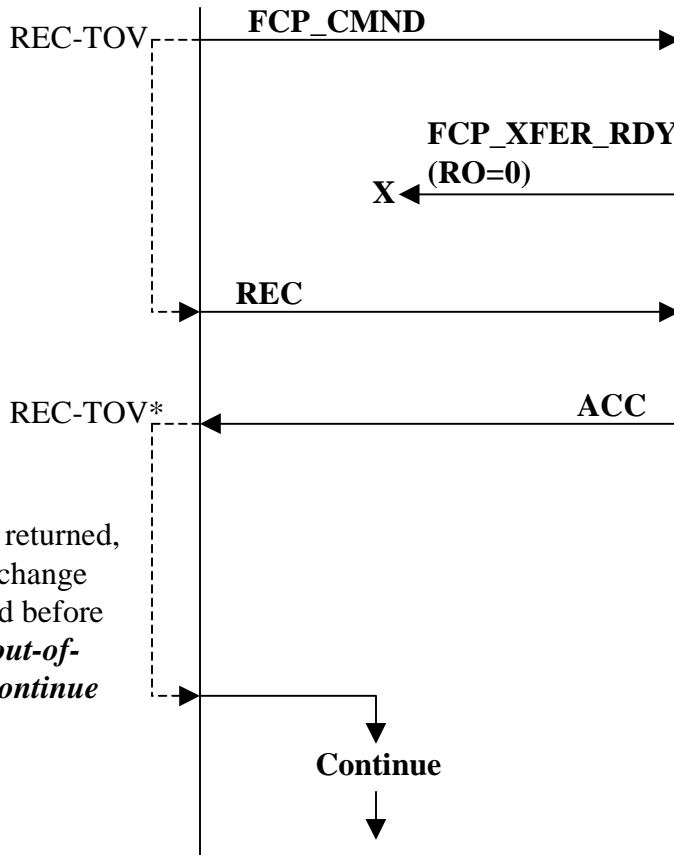
The changes below are suggested changes to the Draft Annex D, FCP-2 revision 5 (T10/00-266r0). Ladder Diagrams D.5 and D.8 are in partial response to Action item #3 listed in the Joint T10-T11.3 Working Group Ad Hoc meeting minutes (T10/00-433r0). I believe Diagram D.10, the 3rd part of the action item, is correct and needs no change.

In addition I have found a few problems with SRR and SRR ACC Class 3 recovery and have included changes to those Diagrams for review and possible change.

Carl Zeitler 7/18/2000

Figure D.5 - FCP_XFER_RDY Lost, Unacknowledged Classes

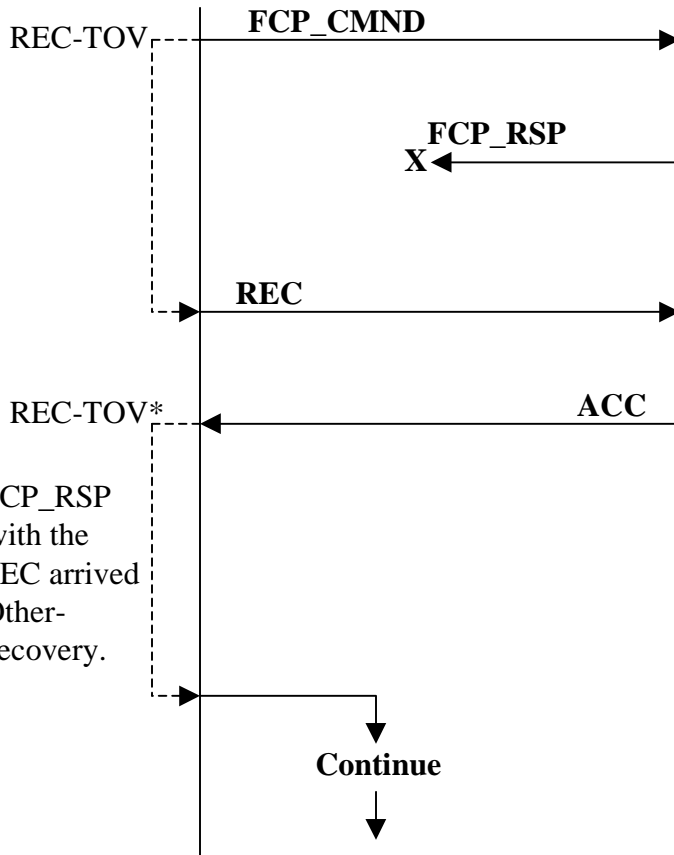
Error Detection



Wait REC_TOV. If FCP_XFER_RDY is returned, continue with the Exchange (ACC to REC arrived before FCP_XFER_RDY, *out-of-order*). Otherwise continue /recovery.

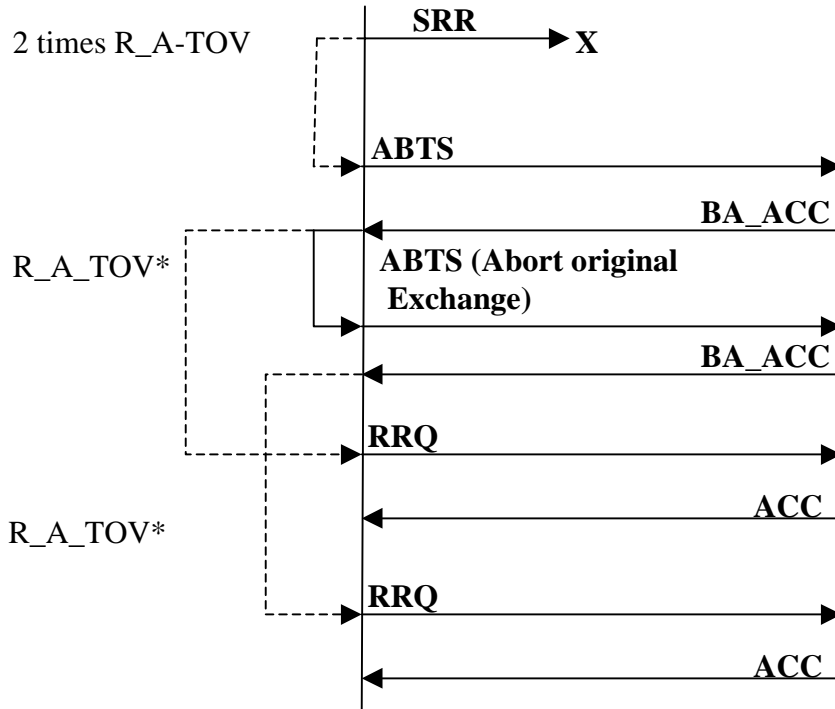
Figure D.8 - FCP_RSP Lost, FCP_CONF not requested, Unacknowledged Classes

Error Detection



Wait REC_TOV. If FCP_RSP is returned, continue with the Exchange (ACC to REC arrived before FCP_RSP). Otherwise, perform Error Recovery.

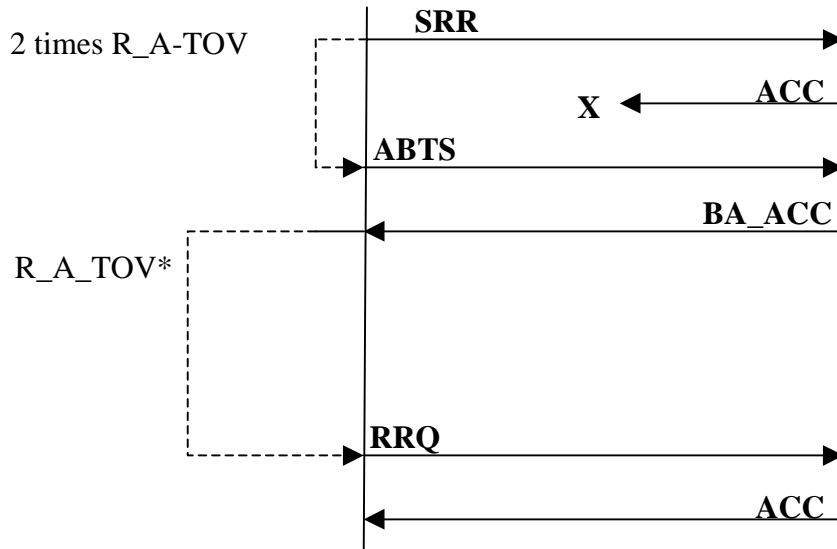
Figure D.30 - SRR Lost, Unacknowledged Classes, Abort original Exchange



[The payload for the BA_ACC associated with the ABTS of the SRR is SEQ_ID *invalid*, low SEQ_CNT = 0, high SEQ_CNT SEQ_CNT of the ABTS frame.

Rest of text is OK

Figure D.31 - SRR Response Lost, Unacknowledged Classes



Delete following paragraph

If the SRR Exchange is unknown to the Recipient, the Exchange was completed and the context purged. The payload for the BA_ACC is SEQ_ID invalid, low SEQ_CNT=0, high SEQ_CNT=FFFFh. Recovery Qualifiers are established on both sides.

*[The SRR Exchange is ...unknown to the Recipient, the payload for the BA_ACC is SEQ_ID valid, SEQ_ID=SEQ_ID of the SRR, low SEQ_CNT=high SEQ_CNT = SEQ_CNT of the ABTS frame. Since no Recovery Qualifier is established, RRQ need not be issued. The Recovery Qualifier is established on the initiator side and must be timed out for R_A TOV. **The original Exchange need not be aborted.***

The context of the SRR Exchange must be preserved for 2 times R_A_TOV, or its OX_ID is reused by the initiator to the same target or the original Exchange is purged.

For in-order delivery, the value of R_A_TOV* is 0.

Following sentence changed and moved above.

In either case, the original Exchange need not be aborted.