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FROM: Peter Johansson
TO: T10 SBP-2 *ad hoc* Working Group
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RE: REQUEST ABORTED Response Status in SBP-2

The current draft of SBP-2, Revision 2, contains an error in a number of locations that refer to a response status of REQUEST ABORTED. There is no such response status defined anywhere in SBP-2.

All of the instances of REQUEST ABORTED are connected with ORB's whose *rq_fmt* is three (the so-called "dummy" ORB's). At the January 20 meeting of the working group in San Jose, a consensus was formed with respect to the completion status appropriate for a dummy ORB. In all cases the response status shall be REQUEST COMPLETE. Additional completion status, presented in *sbp_status*, depends upon the point in time at which an *rq_fmt* value of three is observed by the target and can be summarized as follows:

- If *rq_fmt* is equal to three when the ORB is first fetched by the target, *sbp_status* shall be 11, dummy ORB completed;
- If *rq_fmt* is changed to three after the ORB is first fetched and this change is detected by the target, *sbp_status* shall also be 11—so long as none of the target medium, data buffer or status FIFO have been modified as the result of partial execution of the command; or
- If command execution has commenced and any one of the target medium, data buffer or status FIFO has been modified, then the target shall store an *sbp_status* of 12, request aborted, if the target aborts command processing. This last case may be in response to either an ABORT TASK management request of the discovery (upon a refetch of the ORB) that *rq_fmt* has been altered to three.

Note that in all cases except the first it is possible for the target to be unable to abort the command. If this is so, the completion status stored by the target reflects the results of the command execution.

Since these changes are in a stabilized section of the SBP-2 draft, plenary approval is required. Because the changes are necessary to correct a flaw, a simple majority vote suffices to make the modification.