

SSC-2 State Change Diagram

(T10/01/146r0)

There are three Explicit Address model states: Read Capable, Write Capable, and Neutral. Explicit commands have been classified as three types:

- a) Write type
- b) Read type
- c) Generic (i.e. commands allowed in all states)

When in the Write Capable state, the logical unit is allowed to execute write type commands and generic commands. Both tagged and untagged commands classified as write type or that are not classified as read type may be executed in the Write Capable state.

When in the Read Capable state, the logical unit is allowed to execute read type commands and generic commands. Both tagged and untagged commands classified as read type or that are not classified as write type may be executed in the Read Capable state.

When in the Neutral state, the logical unit is allowed to execute untagged write type commands, untagged read type commands, and generic commands. All commands that are untagged may be executed in the Neutral state. Tagged commands of any type may be enabled in the Neutral state, although write type and read type commands shall cause a state transition to the appropriate state.

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