Floor Subsystem Receive Response from Scheduler Send scheduler elevator request Wait to send request **Scheduler** Send Response to FloorSubsystem Receive Response from Elevator Send request to elevator Receive request from floor subsystem Idle **Elevator** |-2.636s--| -3.954s----| | <-1.318s <-1.318s Move Note: Overrun Indicates An Error Close Doors ----5s-----|-Overrun-| -5s-Open Doors Alert FaultHandler Communicate With Scheduler Idle **Error Handling Fault Handler** Note: Overrun Indicates An Error Send error to elevator |-2.636s--| 3.954s----| -----5s-----|-Overrun-| ----5s-----| 1.3[']18s->|----|-----5s-----| <-1.318s Time elevator states

Idle