Timing Diagram: Transient Fault

Elevator

- Send Arrival Notification
- Elevator fixed and Moving
- Open/Close Doors
- Error Request: Transient Fault (Doors Stuck)
- Send ACK to Scheduler
- Wait for Request

Scheduler

- Arrival Notification received
- Fault Timer triggered, Set elevator to "Out of Order"
- Start Fault Timer
- Wait for Elevator ACK
- Send Request to Elevator
- Wait for Request

FloorSubsystem

- Floor Button Press: Send event to Scheduler
- Wait for button press

Time (seconds)

0   2   4   6   8   10   12   14   16   18   20   22   24   26   28   30   32   34   36   38   40   42   44