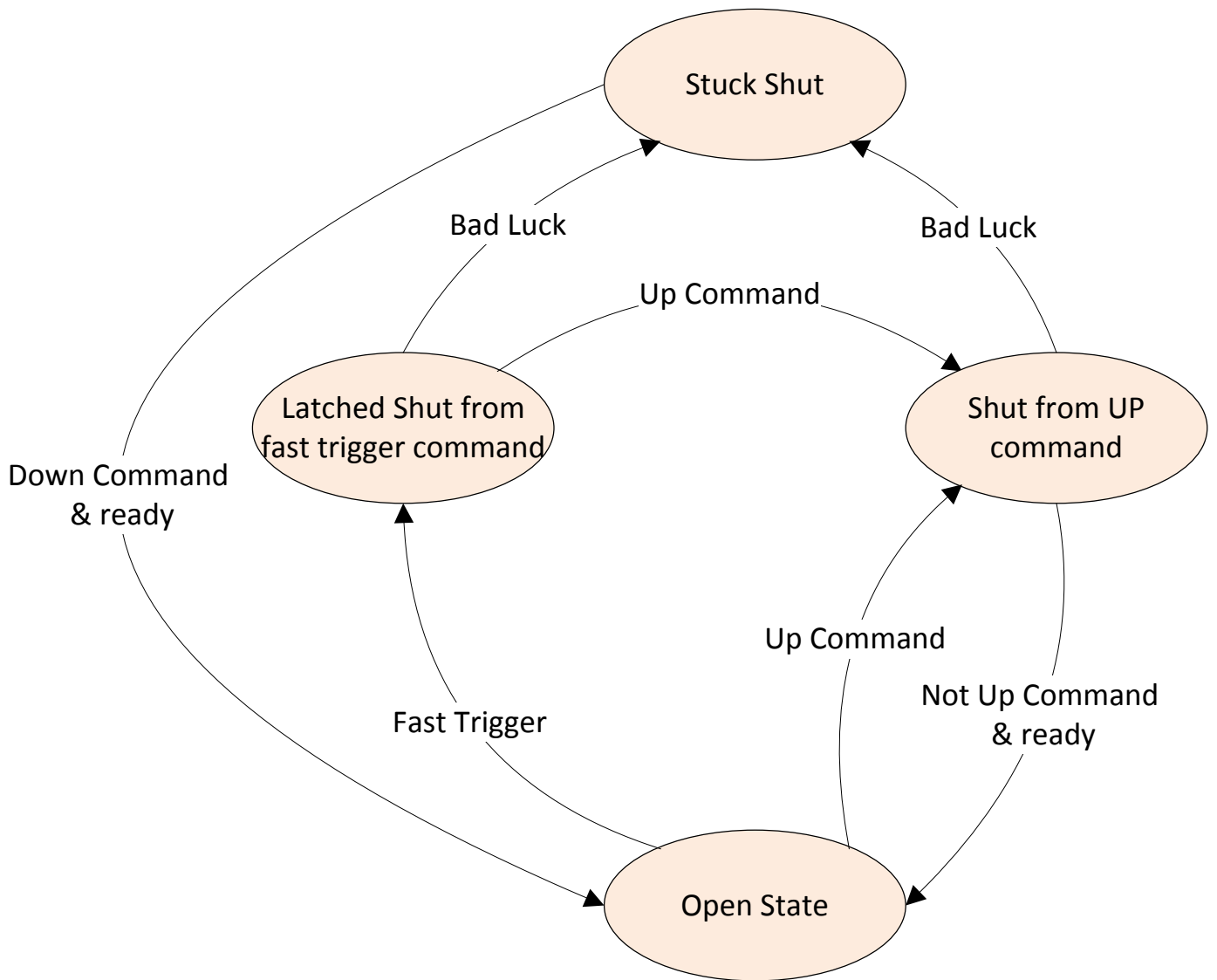


Fast Shutter State Diagram



- “ready” is a state associated with the shutter drive electronics indicating the high voltage capacitors are nominally charged
- A fast trigger event causes heating within the shutter coil. The act of firing the shutter must be informed by some representation of coil temperature
- There is an approximately 20 second recharging time required after firing the shutter
- A dedicated “fault” bit (not shown) is reported by the shutter electronics in the event that the electronics have been compromised (Internal power supplies out of specification, disconnected cabling, unpowered trigger diode)