**Error Cases:**

What are they and how will each be handled?

\*\*\*There are many more, this is just an initial list\*\*\*

**Error:** Process Failure

**Action:** Restart OSPRE system (Power on/ Off), (S/C responsibility)

**Error:** No response from a process

**Action:** Attempt to reconnect to process for x amount of time, if not successful treat as Process Failure

**Error:** No response from the Spacecraft

**Action:** Attempt to reconnect to Spacecraft for x amount of time, if not successful treat as Process Failure

**Error:** Camera not responsive

**Action:** Report error to S/C, treat as process failure

**Error:** Receive invalid messages

**Action:**  Ignore invalid messages and send warning to WatchDog

**Error:** Not pointing at the right targets (Earth / Moon)

**Action:** Send additional pointing request to S/C and wait

**Error:** Run out of memory (RAM)

**Action:** TBD

**Error:** Write() to disk fails because disk full

**Action:** TBD

**Error:** GNC cannot achieve accurate solution to within error bounds

**Action:** Report solution to current error

**Error:**  Image Processing cannot find body (Earth / Moon) in the picture

**Action:** Report status to with error message S/C, attempt to change Camera setting, keep trying