

# Recovery from unplanned power outage

## List of things to do:

- Start QNAP NAS (in S20 gallery) and ask Ken/Jeremy to mount it on all facet computers (facet-srv20, cpu-liXX-pmXX)
- Test DAQ
- Check pico motor servers are running
- Check state of flippers. They might have gone to an unsafe state.
- Home UPX stages. Do this only for stages you know are safe to move.
- Test transmission through IP with alignment laser. The oven mover, actuators with foils or wire scanners may be in an undefined state.

| Things to check:   | 3/2/24<br>outage | System<br>owner: | Notes:                                 |
|--|------------------|------------------|--|
|  |                  |                  |  |
| Oven mover is in bypass position   |                  | Doug S.          | Required to clear MPS fault.           |
| Retract the DS Be window   |                  | Doug S. / Ivan   |  |
| PB, spectrometer, and laser transport <a href="#">turbos on</a>  |                  | Doug S. / Ivan   |  |
| When LCW is <b>off</b> : Ensure beamline valves inserted, DPS turbos and roughing pumps are OFF.   |                  | Doug S.          |  |
| When LCW is <b>back on</b> : <a href="#">DPS pumps restarted</a> (US and DS turbos and roughing pumps). <ul style="list-style-type: none"><li>• VV 3172 retracted when vacuum is stable.</li></ul> |                  | Ops / Doug S.    | DS Be window should be retracted first |
| DPS Vacuum watcher restarted   |                  | Ops / Doug S.    |  |
| <a href="#">Spectrometer Camera Checkout Procedure</a>   |                  | Doug S.          |  |
| IP flippers are checked and are in a safe state  |                  |                  |  |
| Motor reinitialisation: Most motors are homed, a few are postponed to next PAMM (see: <a href="#">here</a> )   |                  |                  |  |
| Alignment laser can transmit through IP into IPTOR1. IPOTR2 Camera problems, DSOTR Motor issues (catered)  |                  |                  |  |