

# MIPP CKOV Status

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## Threshold CKOV status

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- **Mirror alignment and survey completed**
  - Thanks to Virgil and crew for survey.
- **DC1 and DC2 mounted on vessel.**
  - Can not access interior of vessel without dismounting DC1. Don't plan to need access.
- **Most PMT shields mounted in preparation for PMT installation.**
- **Need to order HV connectors for HV cables. Scavenged signal cables (if their delay is sufficient for daq)**

## PMT testing status

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- **Using Lab5 test setup**
  - Pedestal measurement
  - Measure ADC output vs. input signal
  - Check digital output functionality on scope.
- **Given time involved, doing tests at two PMT voltages to confirm basic functionality.**
- **Current status:**
  - 93 PMT+base combinations have working analog output. Most also digital.
  - 98+spares working PMTs. Some need to be coated with wavelength shifter.
  - Still cataloging results to check consistency in 'gain'
  - Need to fix remaining 5 bases.

# Gas system

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- **Terry to build gas system (with input from Doug)**
- **To “bladder” or not to “bladder”:**
  - **Planning not to have extra volume to capture C4F10 as atm pressure changing → Plan to vent at low rate (accounting for storms)**
  - **Plan to have hook for bladder if it appears inexpensive relative to gas loss.**
    - **C4F10 ~ \$2K per fill**
    - **Expect: <\$600/month gas usage (to be checked)**