Focal Plane Temperature and Gain Stability

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- **Camera Requirement:** 0.1% RMS Gain stability over 1 hr., or Gain correction algorithm
- Expect ~0.1%/°C Gain variation from Science Raft studies, Nomerotski & O’Connor, Antilogs
- Cryostat operation w/ two ETUs:

![Graph showing temperature stability over 10 hours]

- Cold Plate Temperature
  - Spikes may cause short 1-2°C temperature changes
  - Correction at 0.1-0.2% may be needed