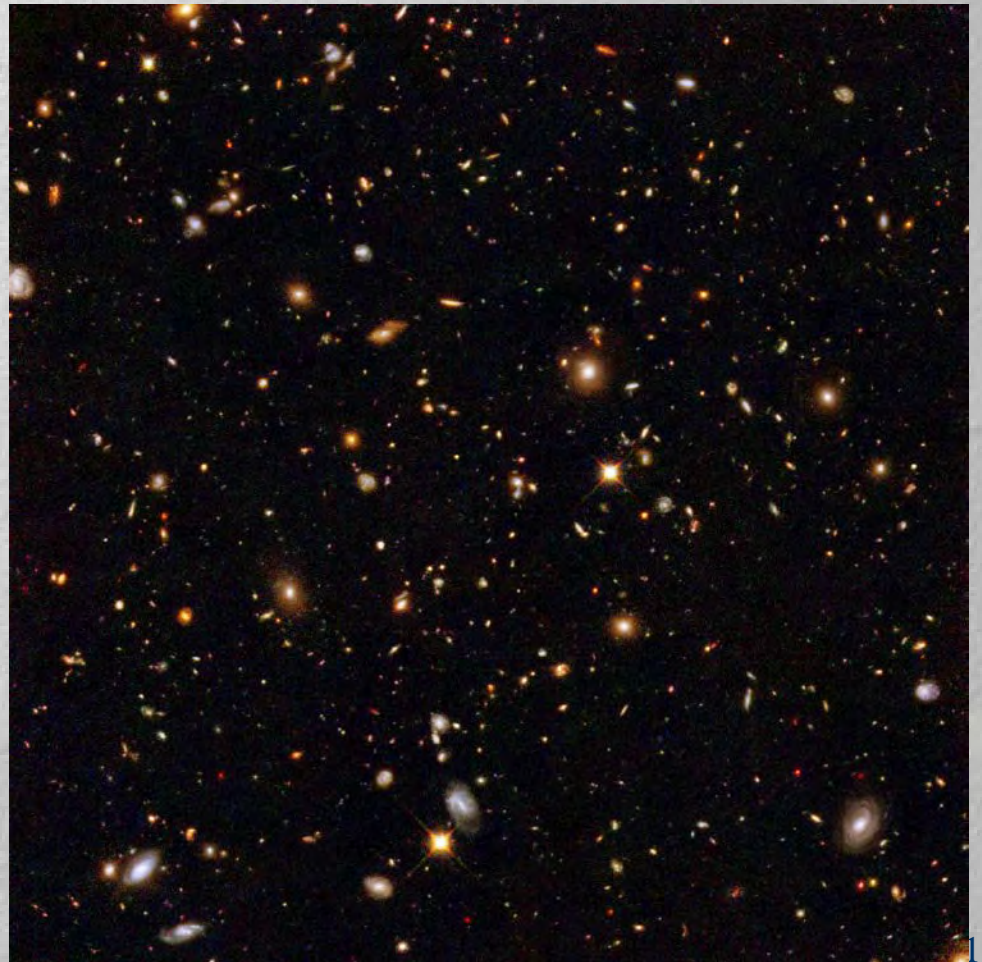


# NICMOS

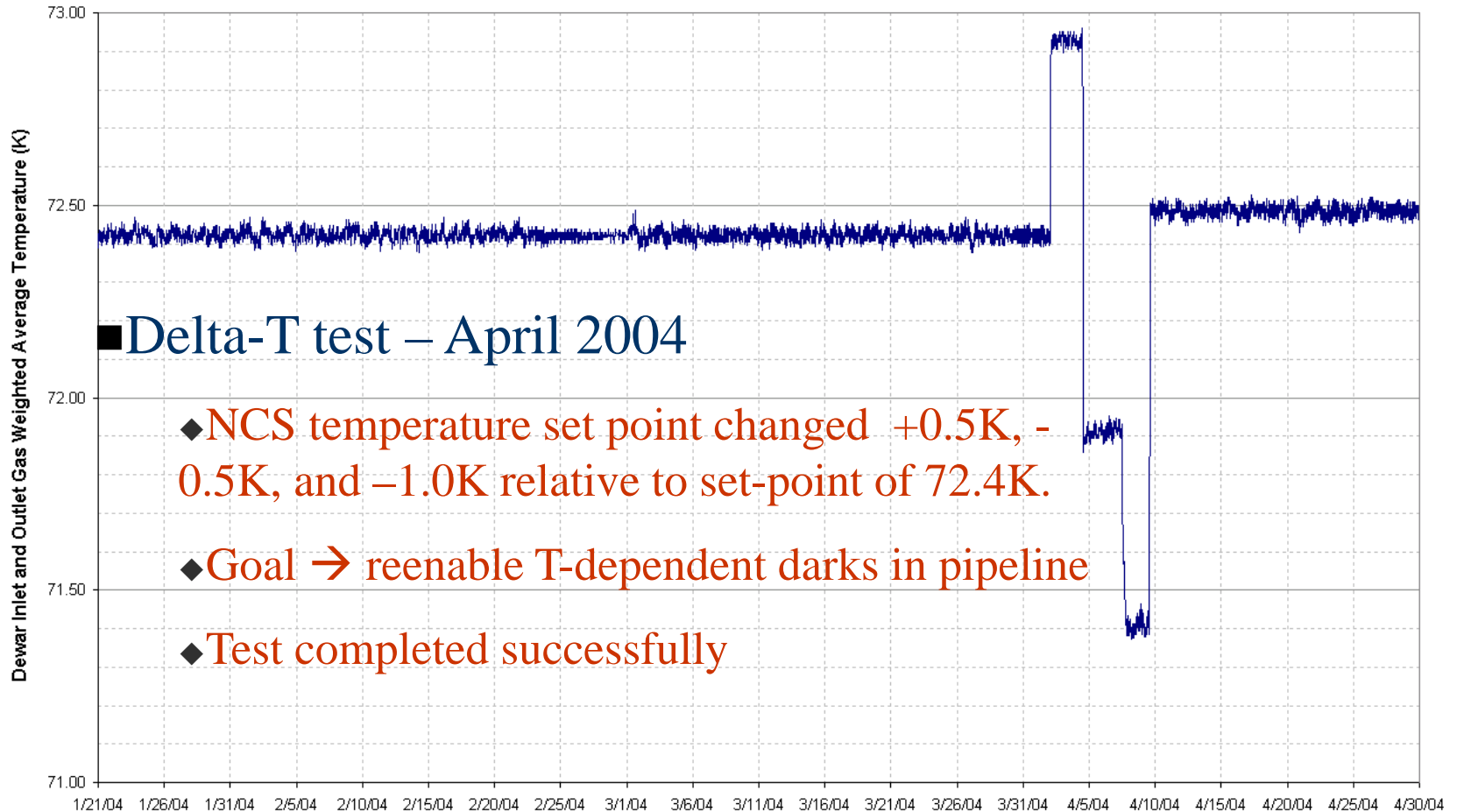
## ■ Science

- ◆ NICMOS Ultra-Deep Field data products released
- ◆ Identification of possible  $z \sim 7$  source(s)



# NICMOS – Calibration

NICMOS Cryocooler Control Temperature  
 $MNRNCOLT * 0.4765625 + MNRNCILT * 0.5234375$



## ■ Delta-T test – April 2004

- ◆ NCS temperature set point changed +0.5K, -0.5K, and -1.0K relative to set-point of 72.4K.
- ◆ Goal → reenale T-dependent darks in pipeline
- ◆ Test completed successfully

# NICMOS - Calibration

- Cycle 13 Calibration plan approved
- Significant reduction in monitoring programs possible due to stability of NICMOS
- Calibration/Science ratio reduced to less than 3% for NICMOS

# NICMOS – User Support

- Cycle 13 (including STIS supplement)
  - ◆ **49 proposals accepted for cycle 13 use NICMOS**
    - Prime science – 926 orbits
    - Parallels – 684 orbits
    - Snapshot – 146 orbits
  - ◆ **Coronagraph will be heavily used – 195 orbits**
  - ◆ **Polarimetry – 45 orbits**
  - ◆ **Grism spectroscopy – 500 orbits (parallel)**

# NICMOS - Documentation

- Revised Data Handbook (released)
- Revised Instrument Handbook (in press)
- Grism Exposure Time calculator (completed)
- Photometric zeropoints (updated)