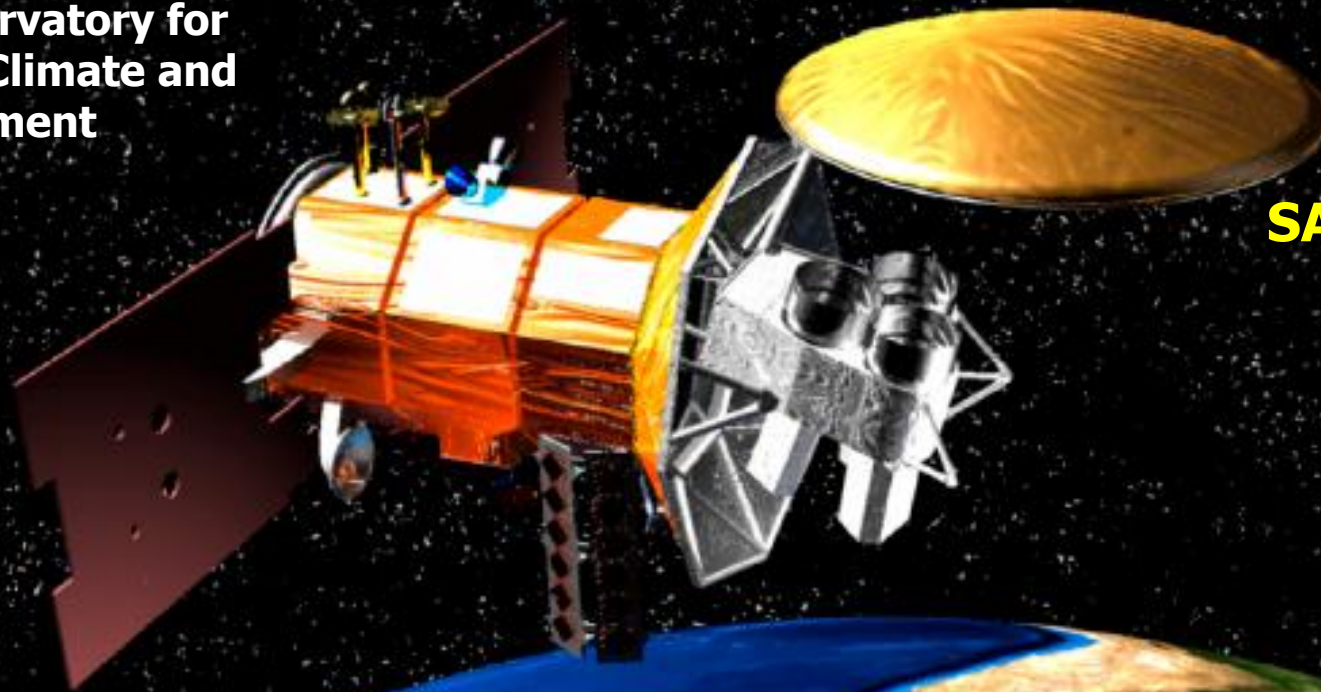




SAC-D/Aquarius



**An Observatory for
Ocean, Climate and
Environment**



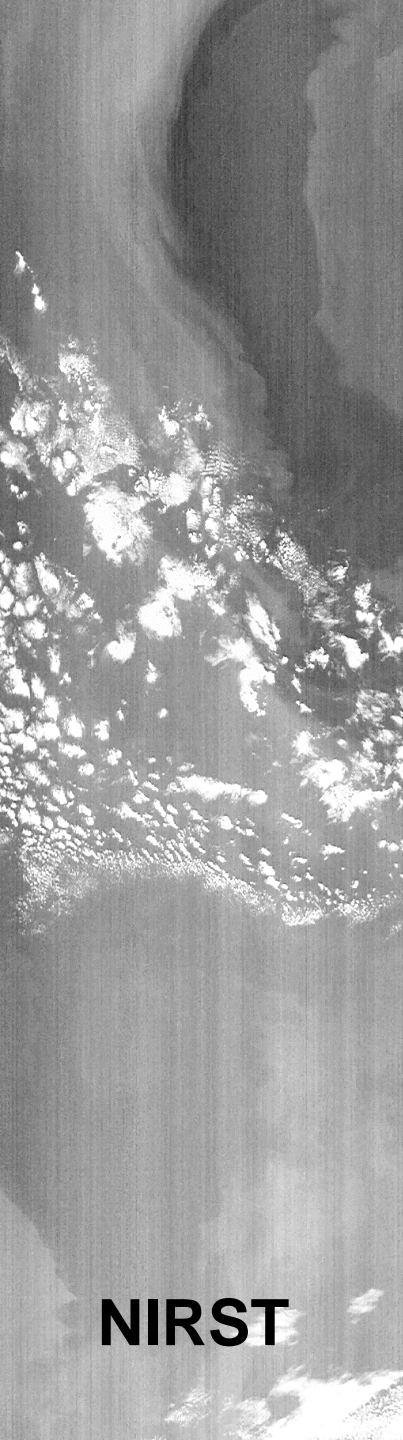
SAC-D/Aquarius

NIRST

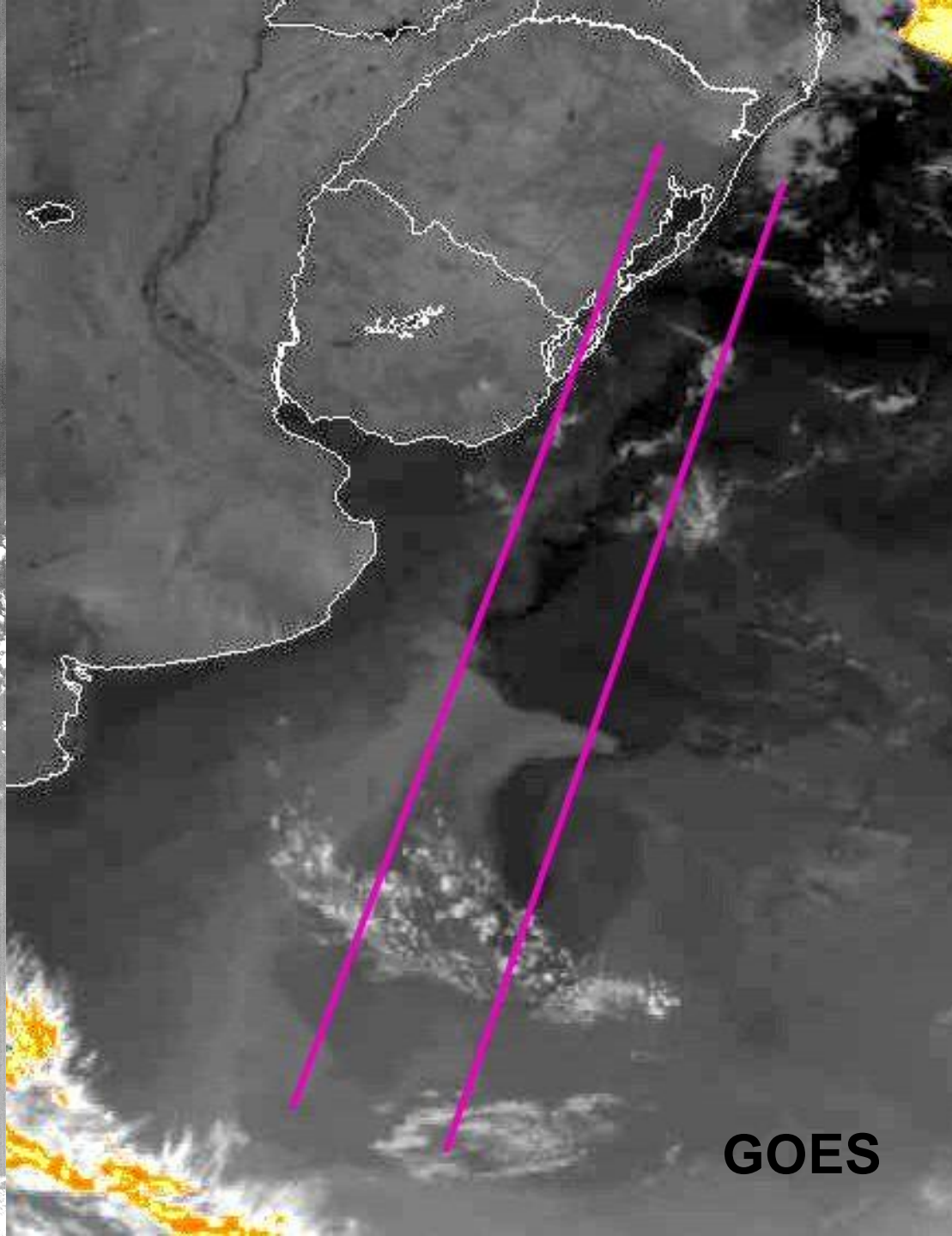
Commissioning

Hugo Marraco

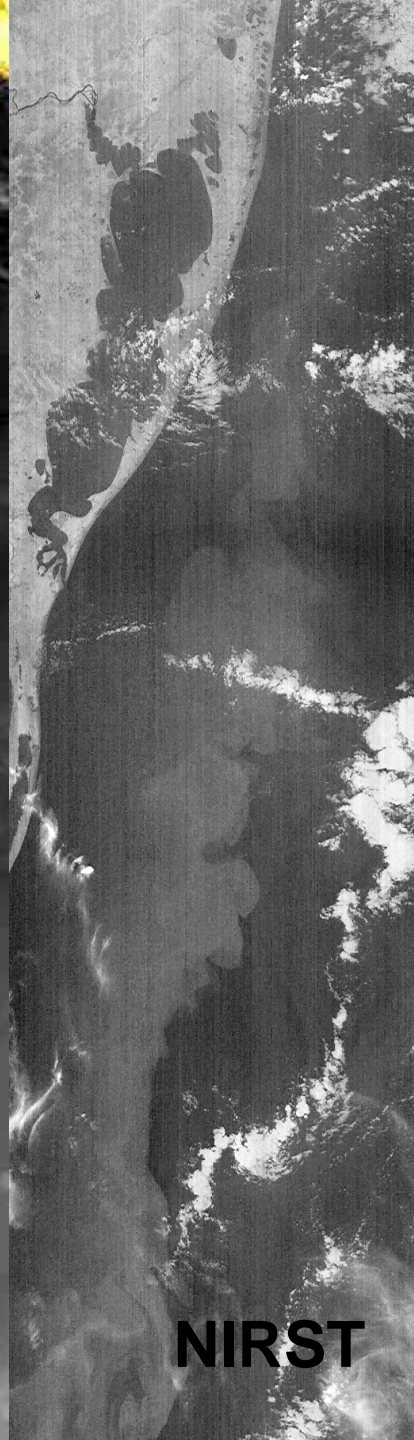
***7th Aquarius SAC-D Science Meeting
Buenos Aires – April 11-13, 2012***



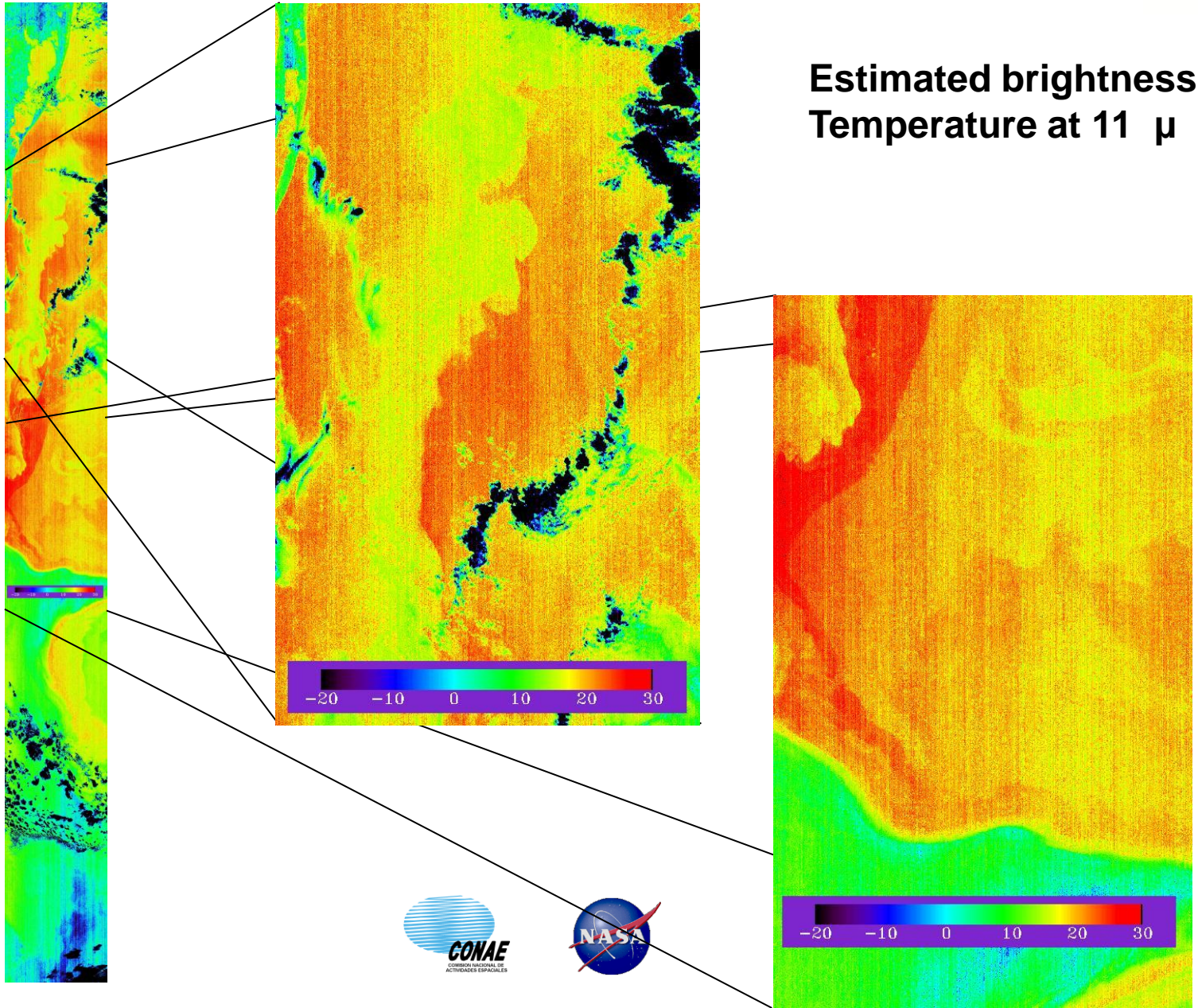
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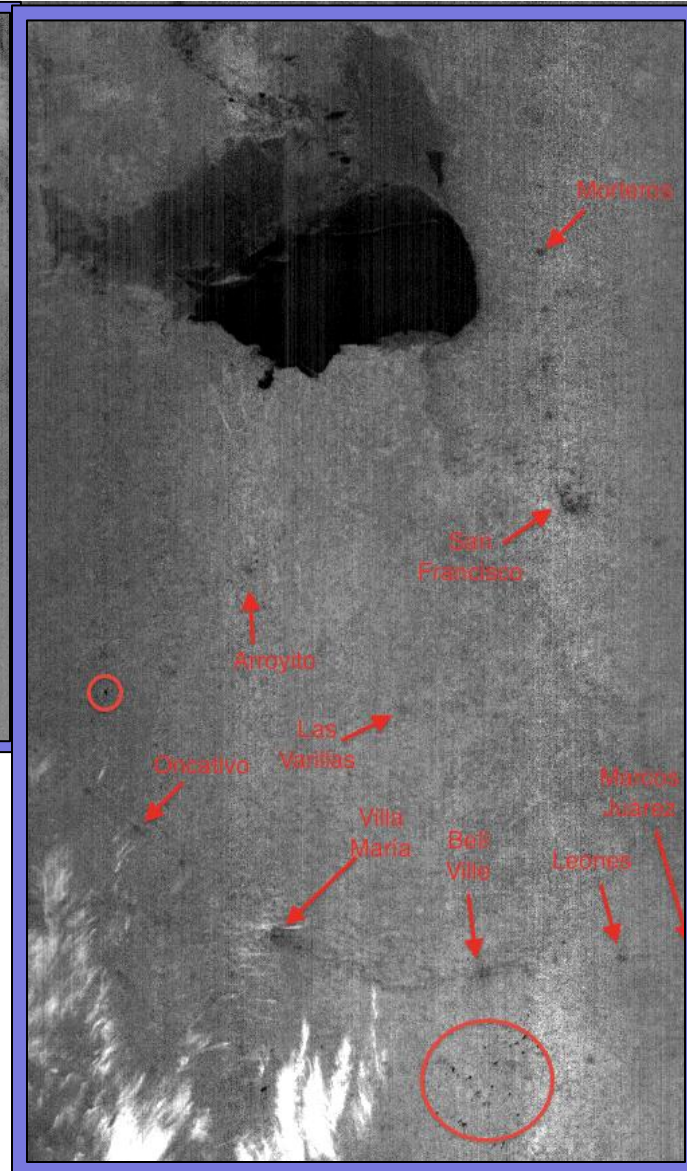
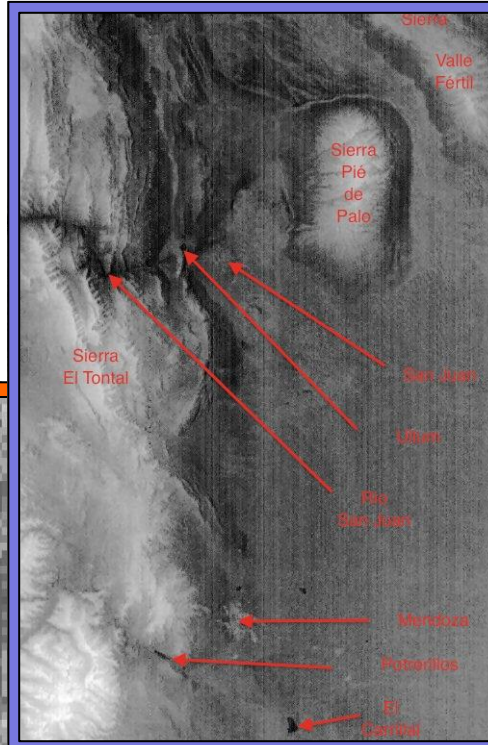
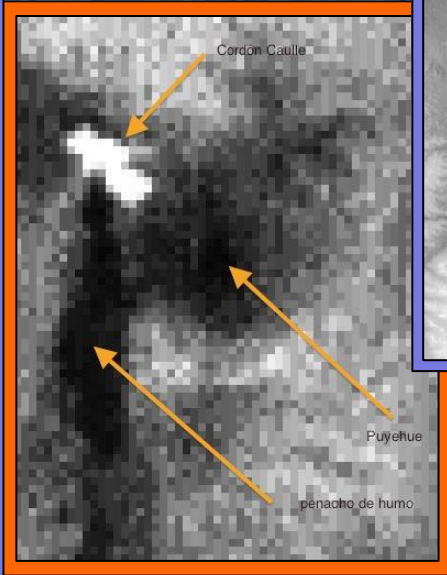
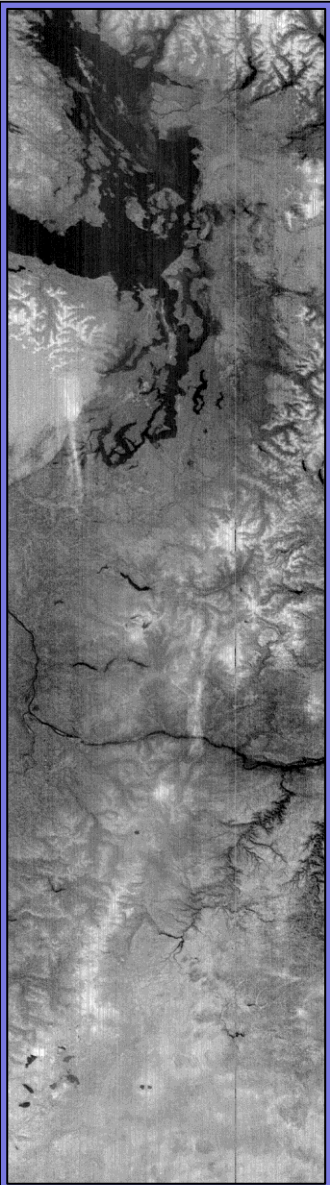


GOES



NIRST







Status

- In commissioning
- Relative Calibration :
 - Still shows stripping.
- Absolute Calibration :
 - Still needs Earth truth.

We are dealing with:

- Non uniformity
- Lack of complete barrel temperature distribution
- Variable gain from pixel to pixel
- Poor linearity
- Absolute zero from Cold Sky Calibrations (**new!**)
- Low sensitivity of 4 μ sensor



Lines of work

- Relative calibration with polynomials
- Relative calibration with splines
- Relative calibration with wavelets
- Relative calibration with FFT
- Absolute calibration with zero power (dependence of bias on background temperature)