IRCS+AO188 Full Operation Starts

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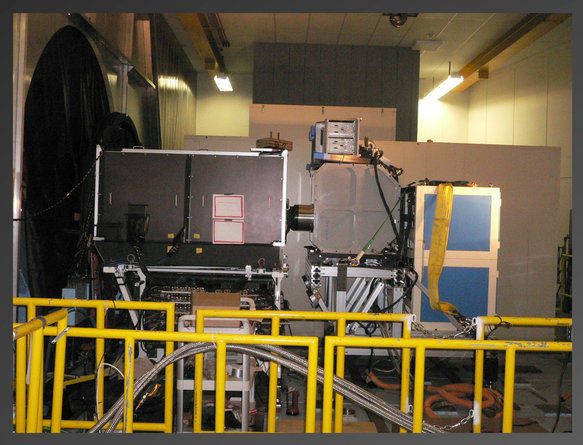
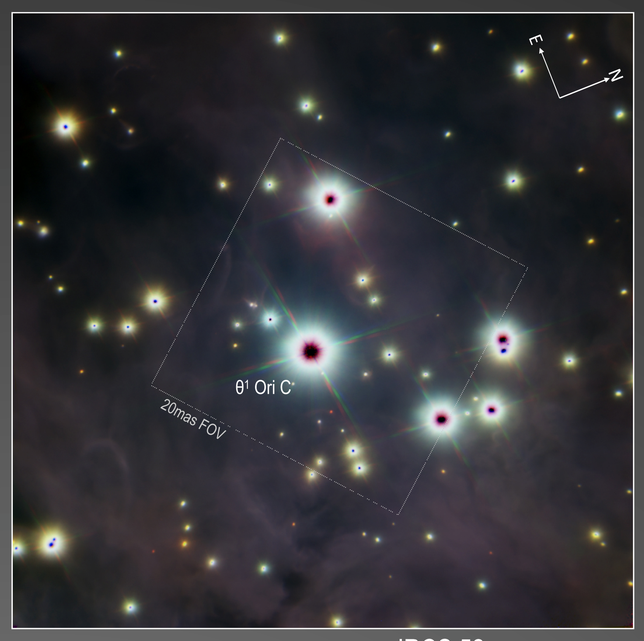
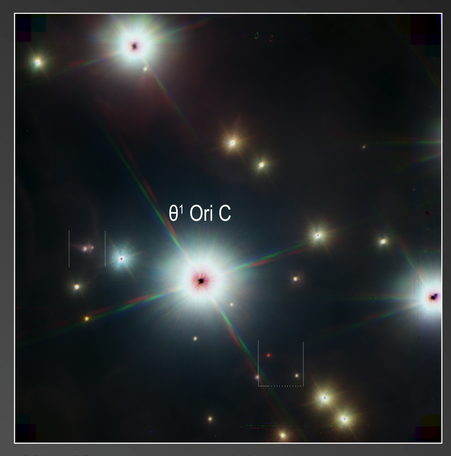
- 2006 October :
  IRCS+AO188 (NGS mode) Partial System Engineering



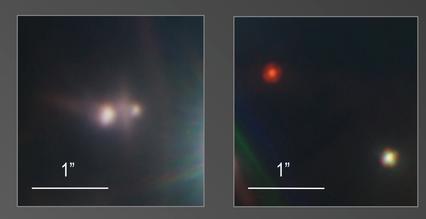
System not completed
- ✓ No Image Rotator installed.
- ✓ No Coating for Beam Splitter applied.
- ✓ No SOSS Function implemented.



53" x 53" IRCS 52mas camera

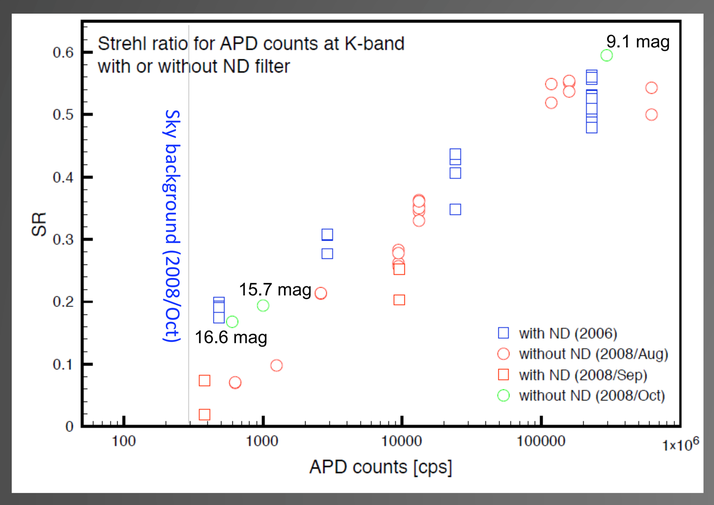


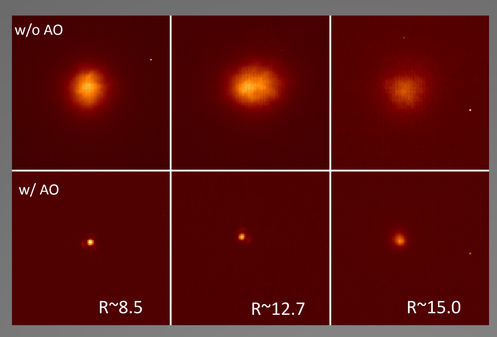
23" x 23" IRCS 20mas camera

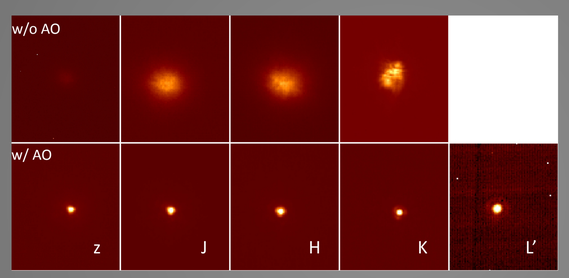


- 2008 August -- :
  IRCS+AO188 (NGS mode) Full System Operation

Basic Performance

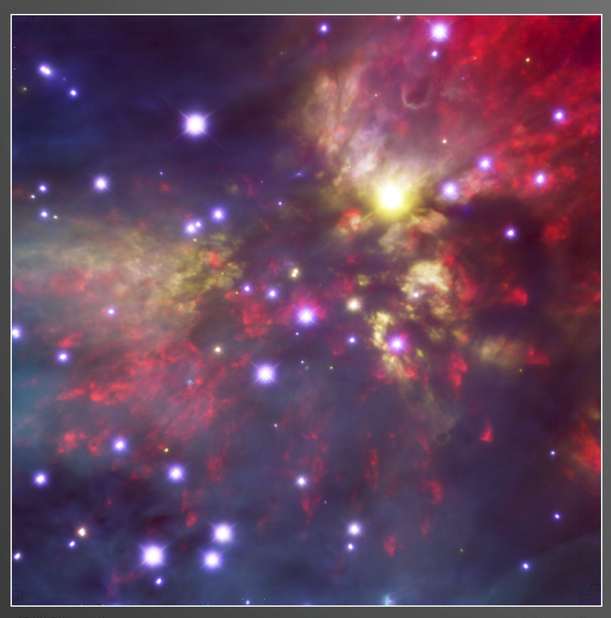






- 2008 August, September: AO188+IRCS Engineering
  - ✓ Image Rotator IN
  - ✓ Beam Splitter IN (fixed)
  - ✓ SOSS Function IMPLEMENTED
- 2008 October--: IRCS+AO188 Open Use
  - ✓ 11.5 nights allocated for S08B (2008/08/01—2009/01/31)
  - ✓ So far, 8.5 nights successfully conducted
- 2009 February～
  - ✓ IRCS Coronagraph Mask Open from S09A
    Function tested and verified in S08B.
  - ✓ IRCS 12mas Camera Open from S09B
    Function tested in S08B, and
    Performance will be verified in S09A.
  - ✓ LGS Mode Open from when?

Image Gallery for Galactic Targets



IRCS 52mas Camera
Red: H2(1-0) 2.122μm, Green: Bry 2.167μm, Blue: [FeII] 1.644μm
55"x 55"

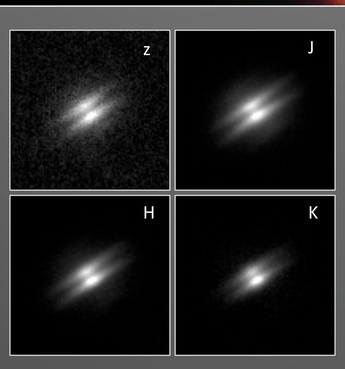


Image Gallery for Galactic Targets

IRCS 52mas Camera 55"x 55"

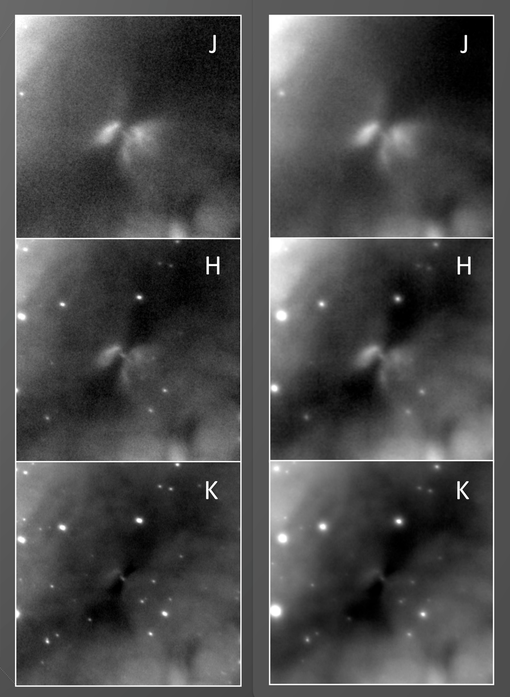
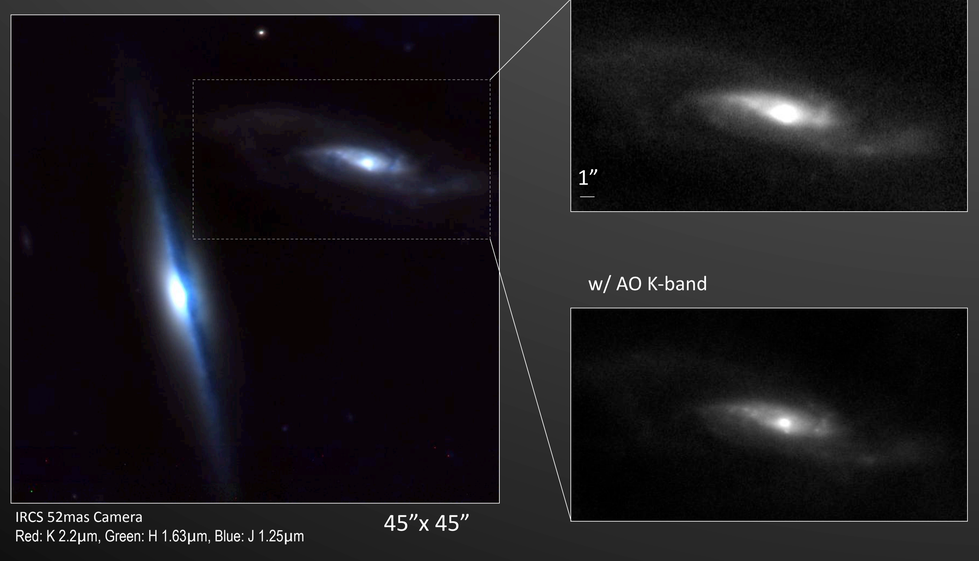


Image Gallery for Extragalactic Target



IRCS 52mas Camera
Red: K 2.2μm, Green: H 1.63μm, Blue: J 1.25μm
45"x 45"

Spectroscopy of Close Binary (~0".1)