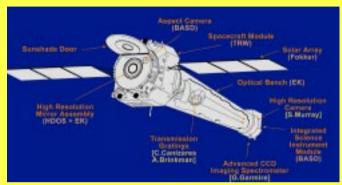
Chandra X-ray Observatory Overview



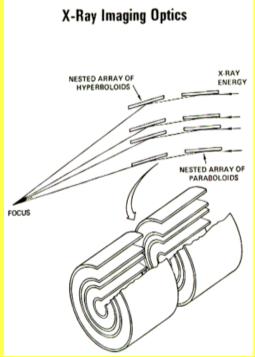
Dan Schwartz
Smithsonian Astrophysical Observatory
CIAO Workshop
28 October 2003

Development of the Observatory

Observatory Overview



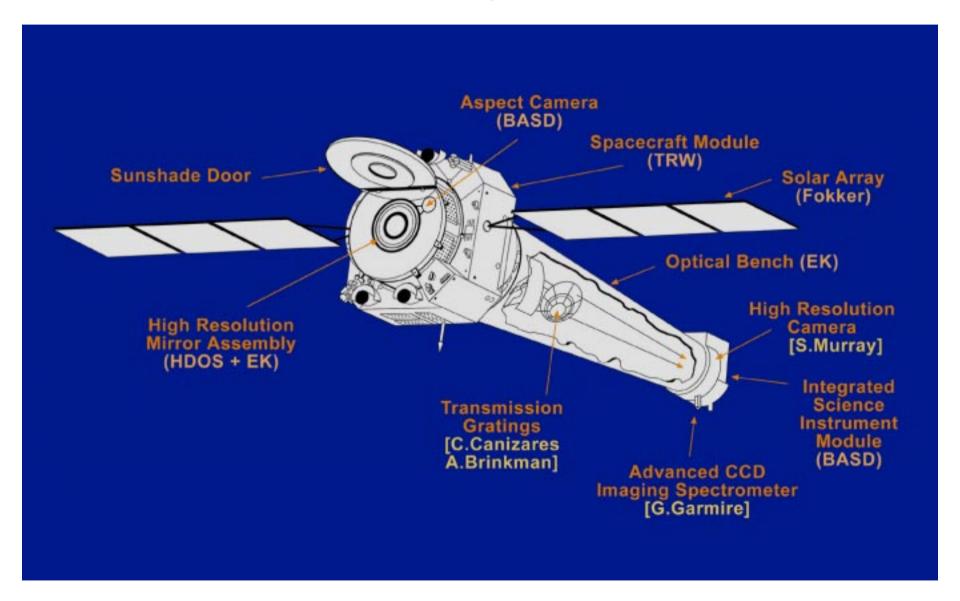
- High Resolution Telescope
 - Sensitivity to point sources
 - High spectral resolution with gratings
 - Detailed spatial structure
 - High dynamic range for spatial structure



• From Launch to the (Three) First Lights

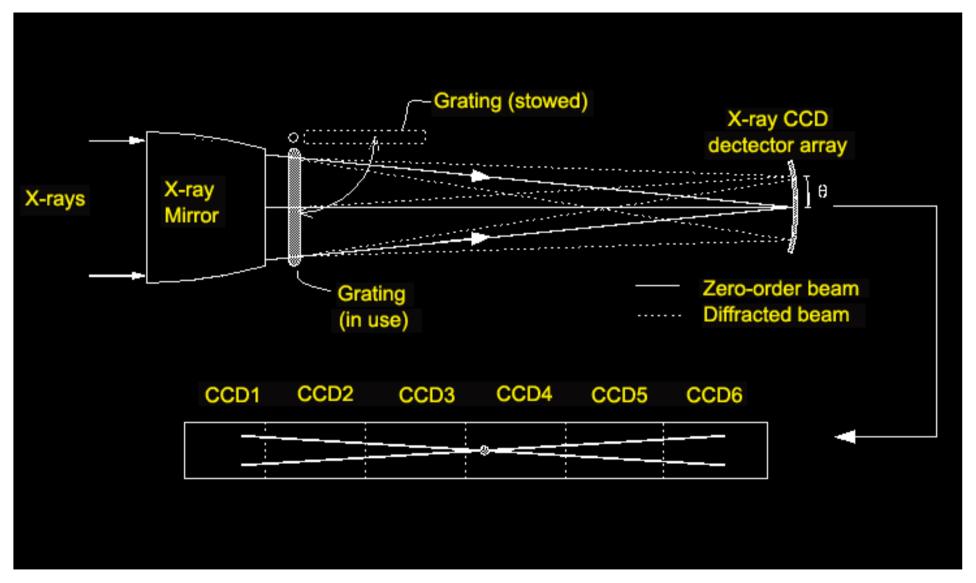


Chandra Spacecraft





Grating System Schematic



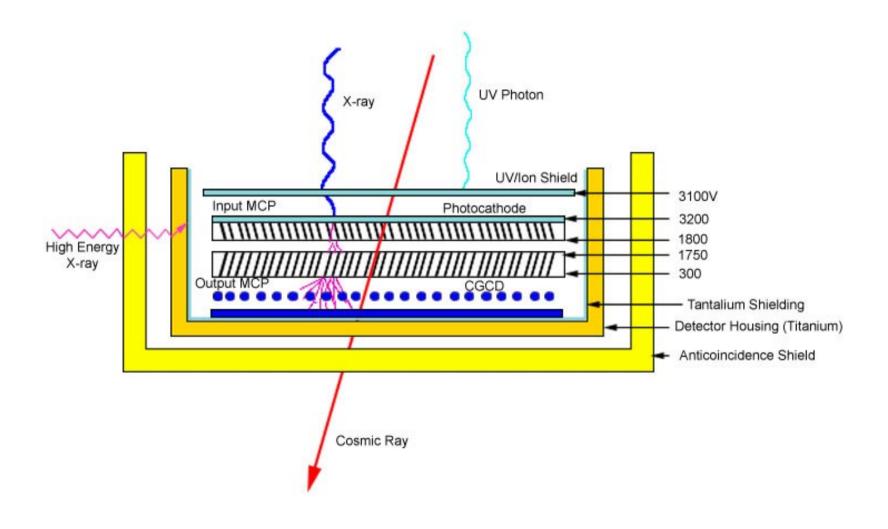


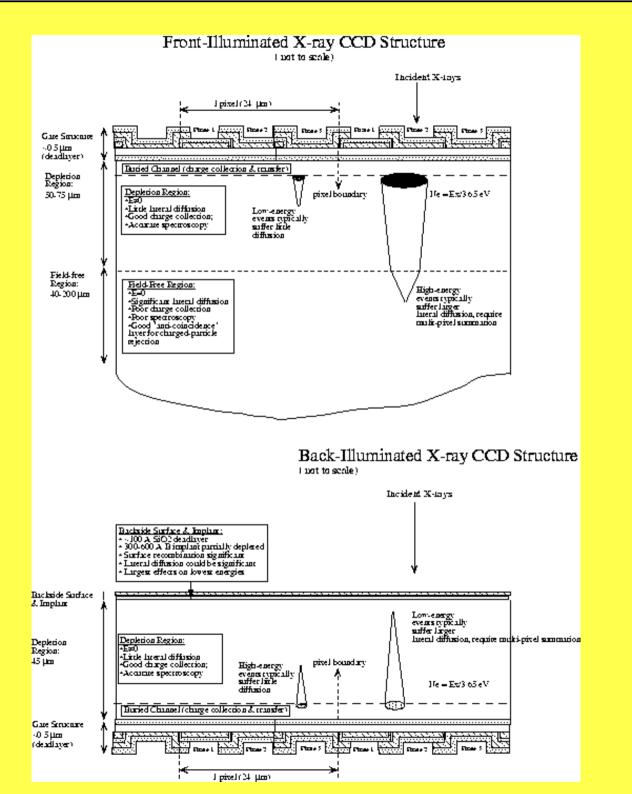
High- and Low-Energy Gratings





HRC Schematic



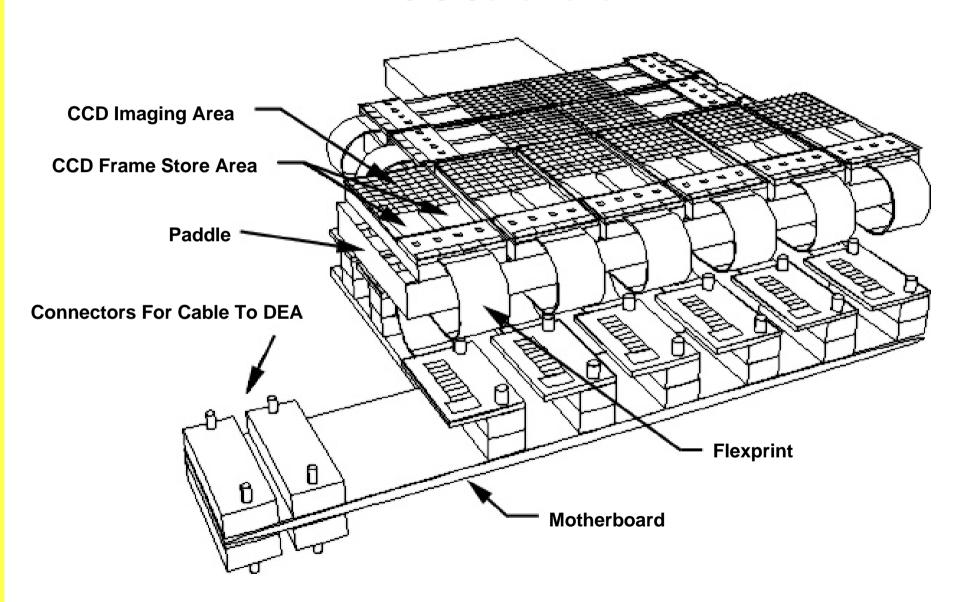




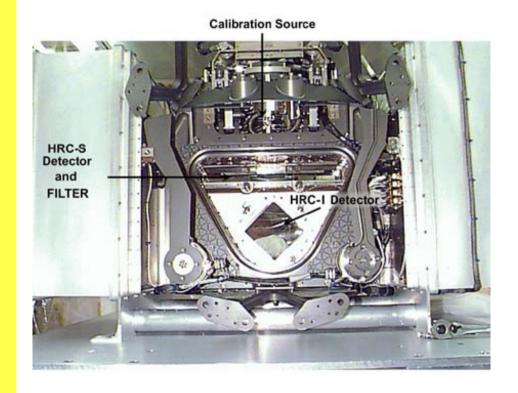
CXC

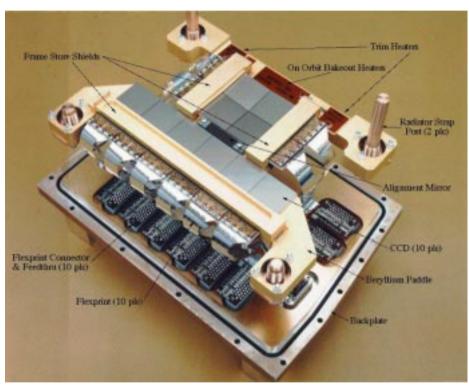
Chandra X-Ray Observatory

ACIS Schematic





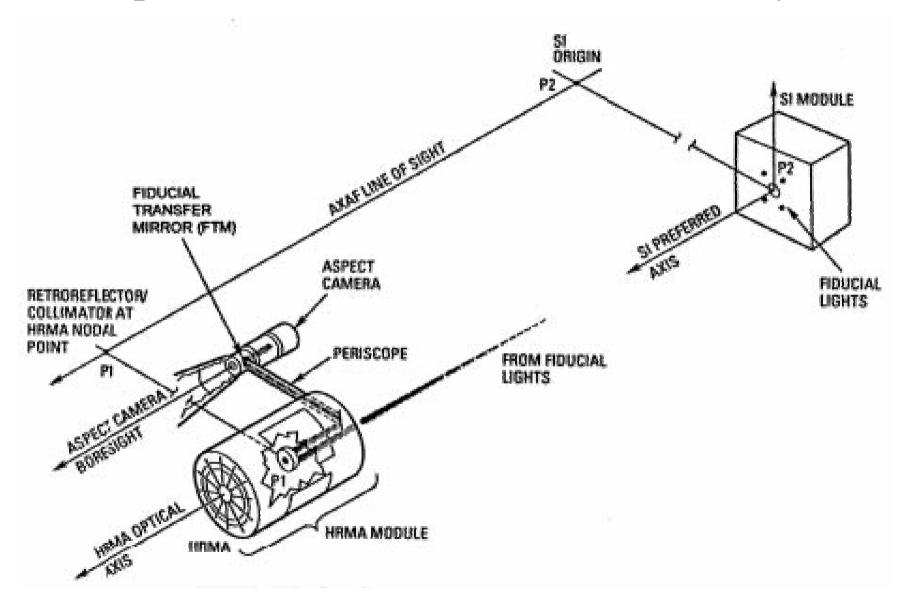




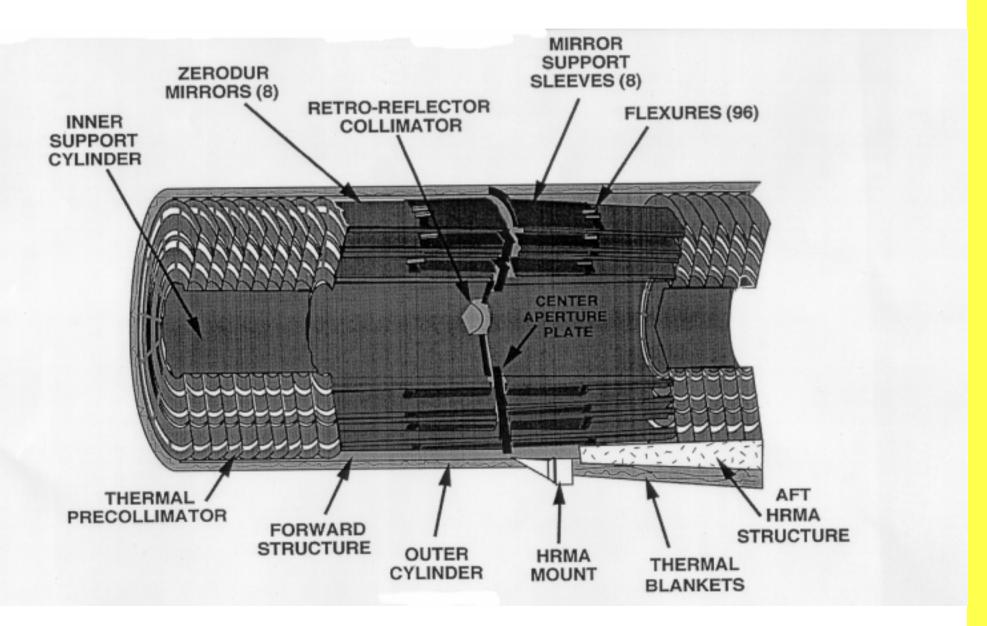
HRC Detector

ACIS Detector

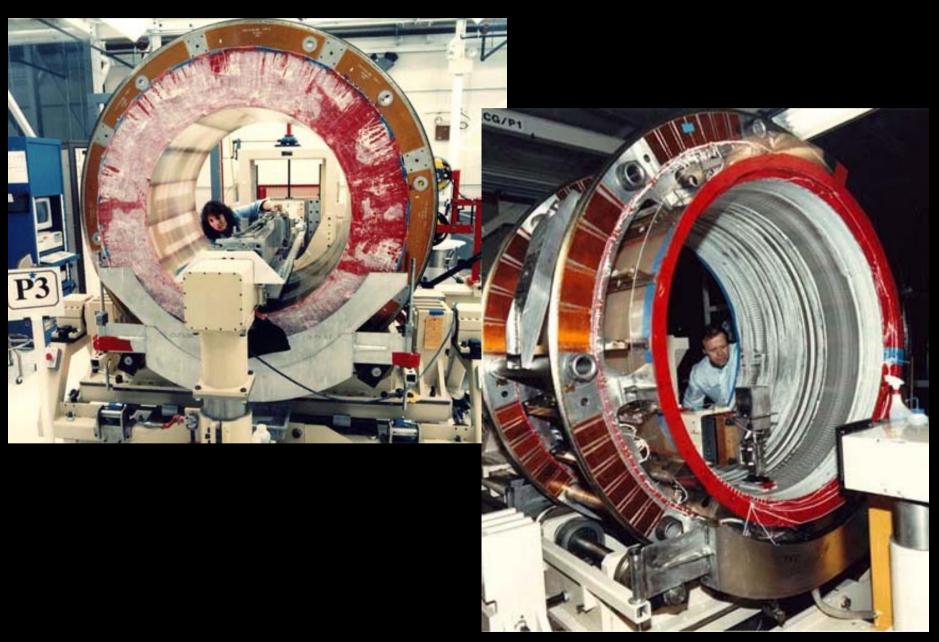
Aspect Camera and Fiducial Transfer System



HRMA and Associated Structures



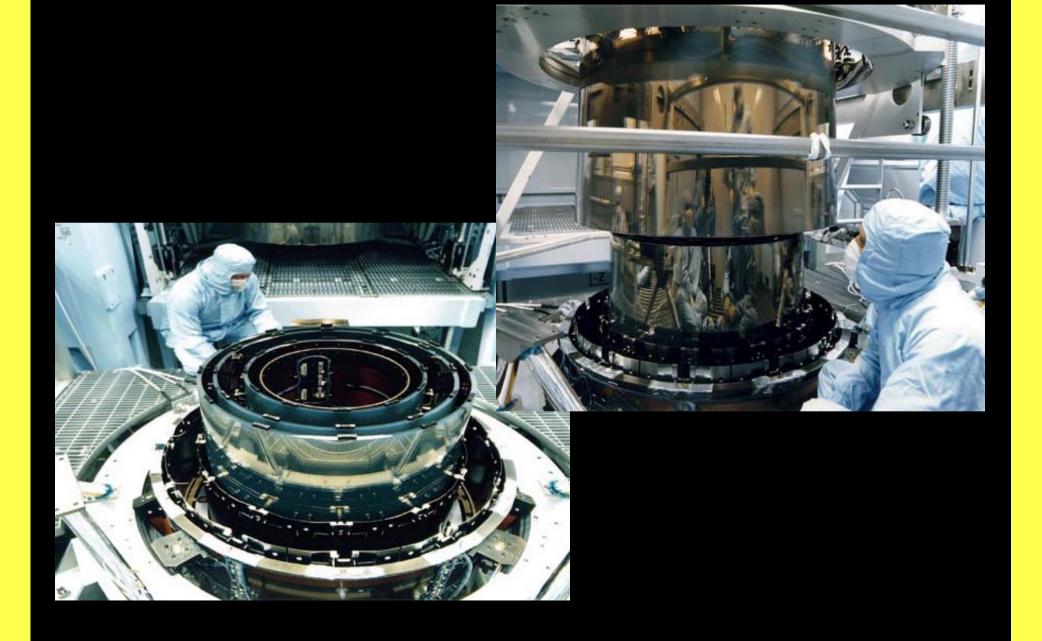
Chandra: Mirror Polishing



Coated Mirror



Chandra: Mirror Assembly



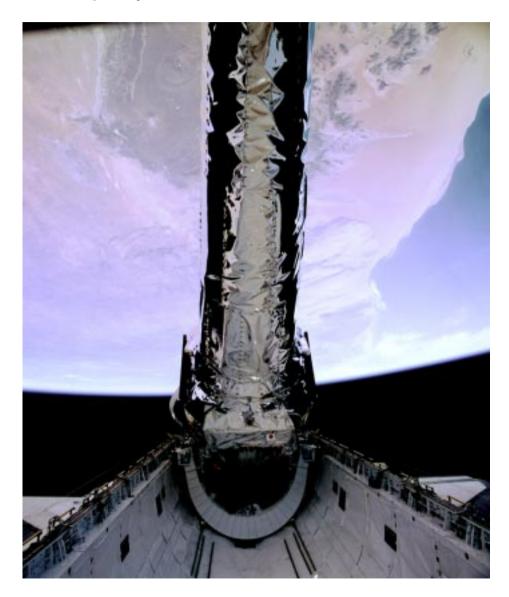
Calibration Facility





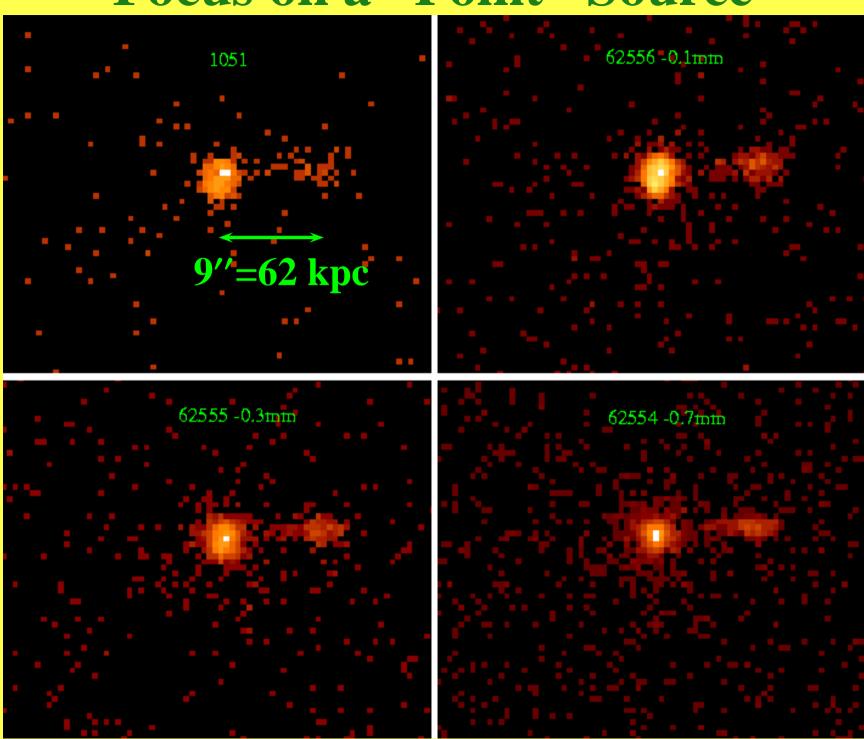
Launch & Deploy



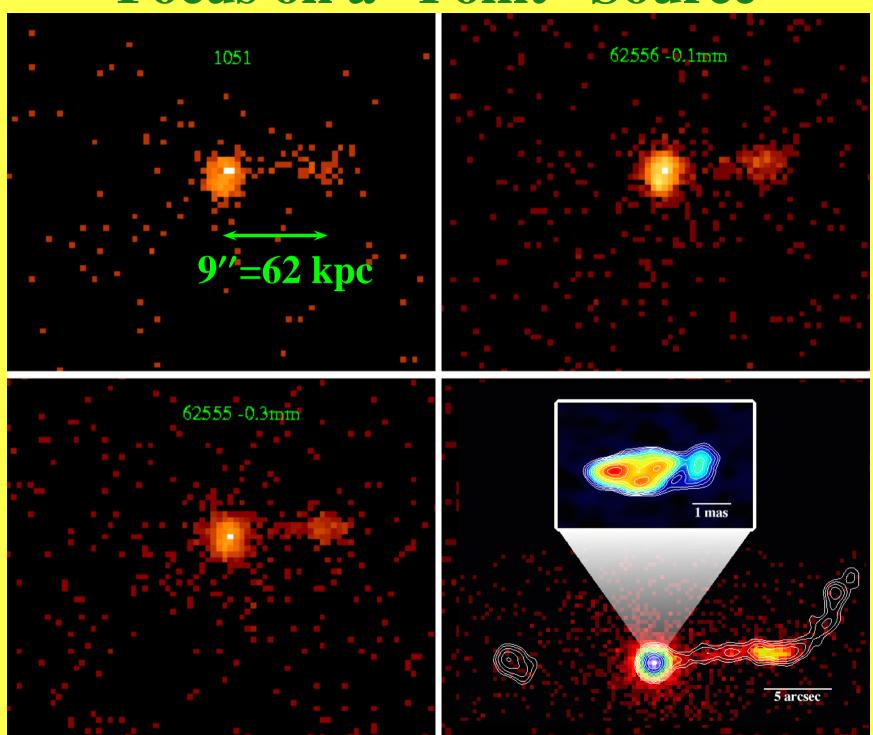


True First Light LEON X-1

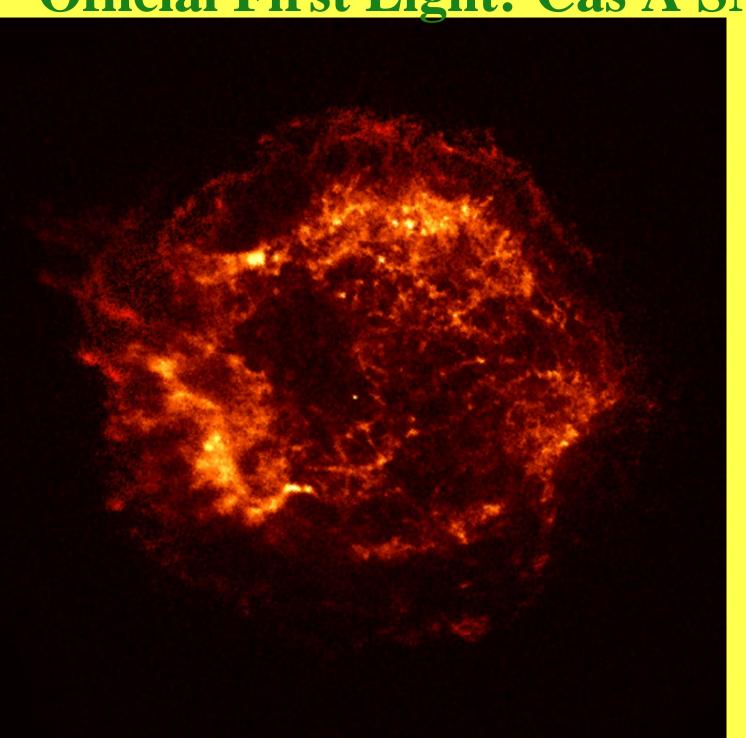
Focus on a "Point" Source



Focus on a "Point" Source



Official First Light: Cas A SNR



"THE REST IS HISTORY"

