

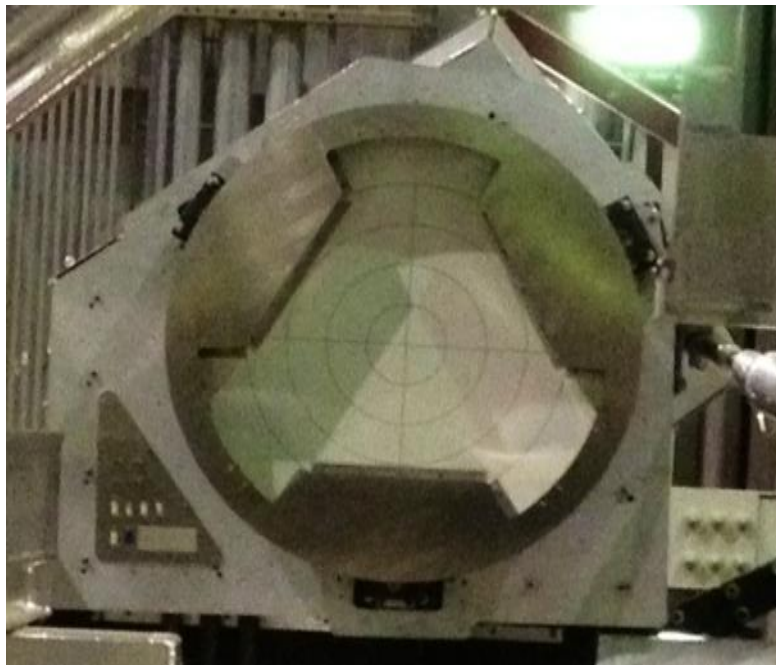
Photographic Summary of ARGOS Campaign (Work Completed on Monday, 6/17/13)



Large Binocular Telescope at Horizon - Preparing ARGOS S Laser Boxes for Alignment with Large Aspherical Lenses (LALs)



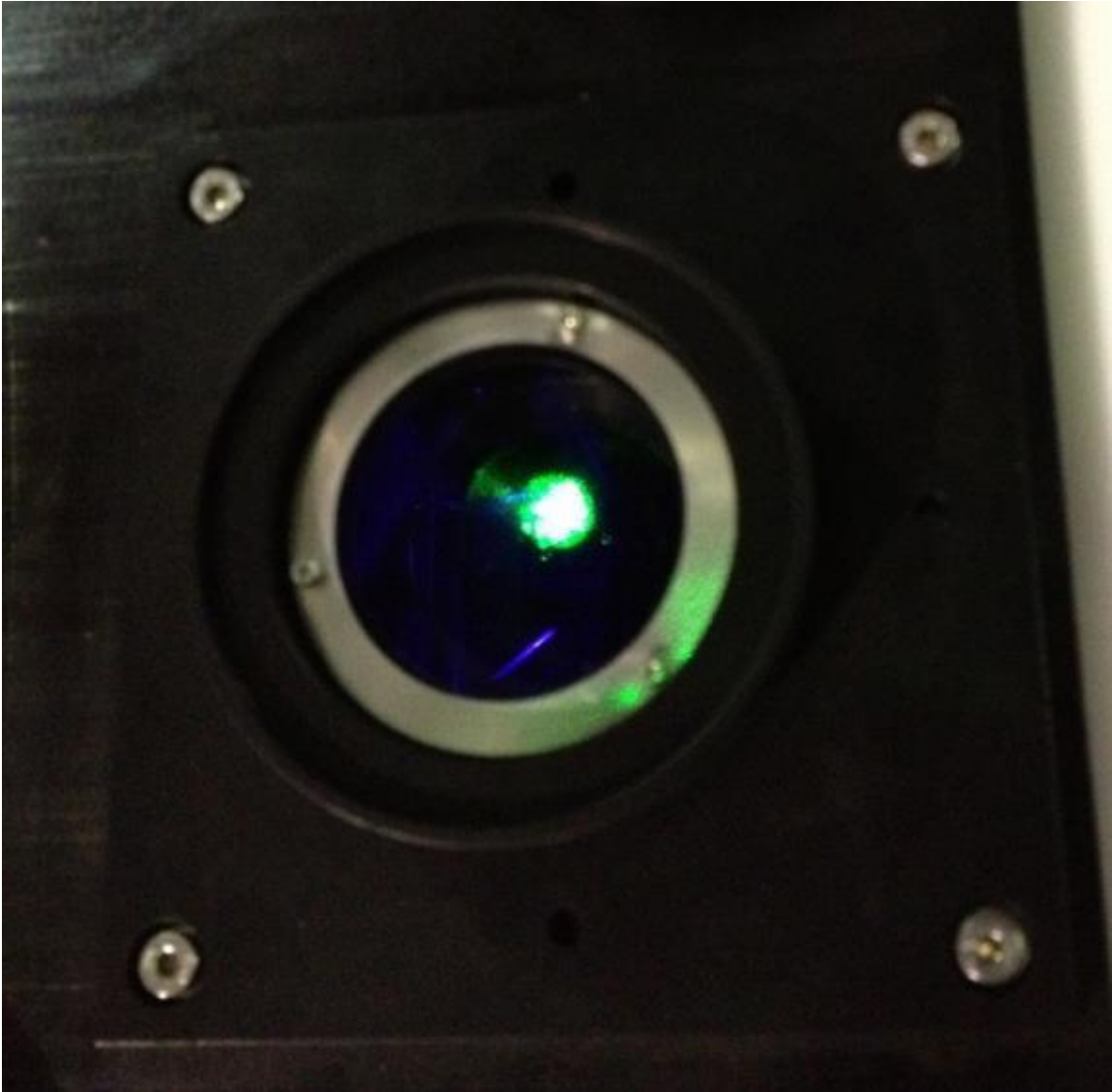
View of Large Aspherical Lenses (LALs) As Seen From ARGOS Laser Boxes - SX (left) and DX (right)



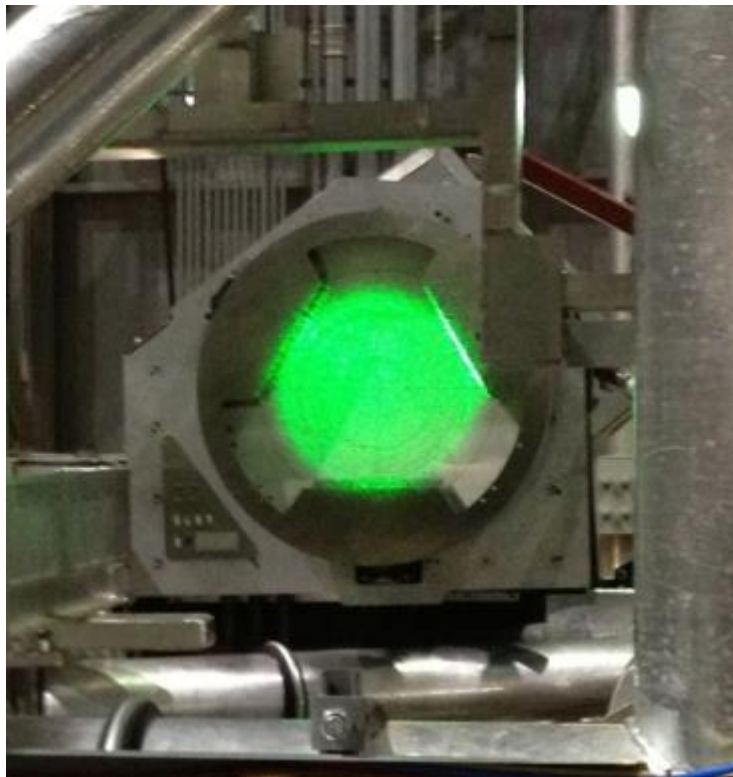
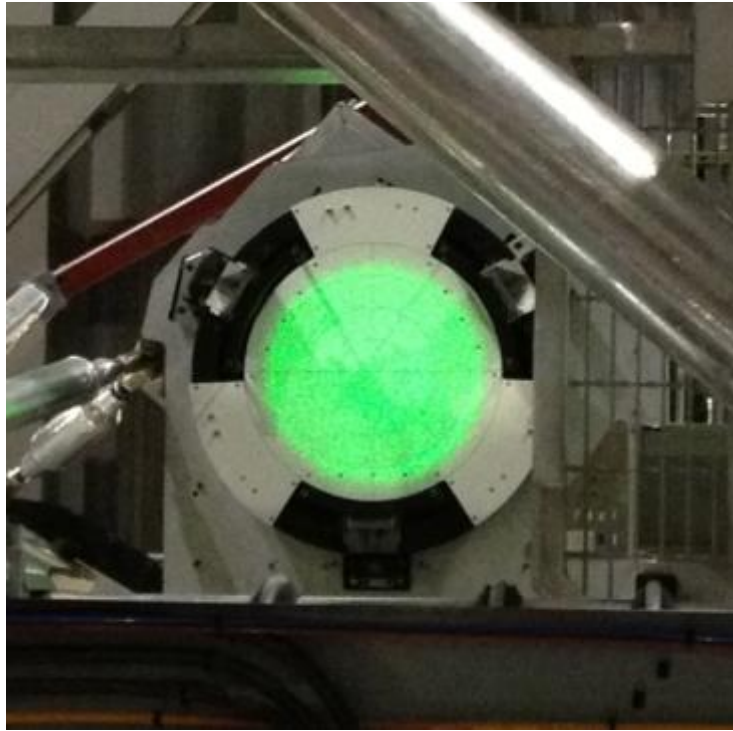
SX (top) and DX (bottom) Alignment Targets Installed Over Large Aspherical Lens (LAL) housing



Verification of Internal Beamtrain Alignment Within DX Laser Box



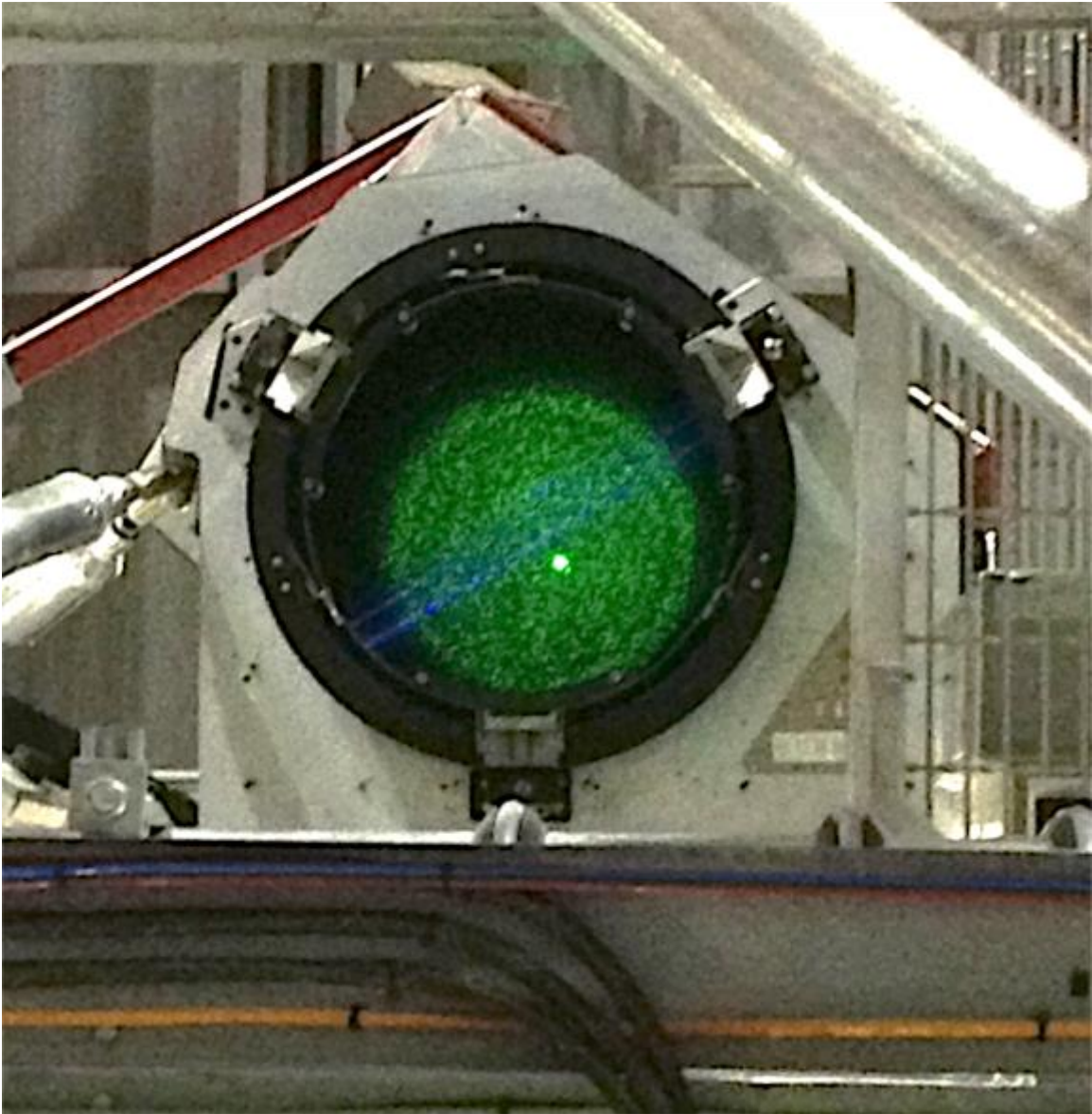
**Output of Alignment Laser from DX Laser Box
(Note offset output beam that allows for convenient rotation of the
output window in the event of AR coating laser damage - window
may be rotated several times before output window must be
replaced)**



Illumination of SX (top) and DX (bottom) Alignment Targets Installed Over Large Aspherical Lens (LAL) housings



CCD Output Showing ARGOS Alignment Laser Properly Aligned With Respect To Large Aspherical Lens Target on SX Side of LBT



**ARGOS Alignment Laser Illuminating SX Large Aspherical Lens
(*Note: Laser appears to be off-centered on clear aperture of lens
due to the angle at which the photograph was taken)**



Tip-Tilt Alignment of Large Aspherical Lens on SX Side of LBT