

# CRaTER Verification Procedure/Report

**Title: (8.5.5) Telescope stack**

**Document 32-06020.35**

Reference: 32-01205 Instrument Requirements Document Section 8.5.5

Requirement: The telescope shall consist of a stack of components labeled from the zenith side as zenith shield (S1), the first pair of thin (D1) and thick (D2) detectors, the first TEP absorber (A1), the second pair of thin (D3) and thick (D4) detectors, the second TEP absorber (A2), the third pair of thin (D5) and thick (D6) detectors, and the final nadir shield (S2).

Procedure: The detector boards will be designed so they can only be mounted in the correct orientation (thin detector in zenith or deep space direction). The assembly will be inspected to verify the stack configuration.

Results:

The ordering of components in the telescope stack was verified through direct inspection of the telescopes and double checked through observations during the proton beam calibration at Massachusetts General Hospital.

S/N: 01 & 02

Passed/Failed: Passed

Comments:

Performed by: JCKasper

R&QA: \_\_\_\_\_

Date: 20 November 2007

Date: \_\_\_\_\_