

CRaTER Verification Procedure/Report

Title: (8.5.1) Thin and thick detector pairs

Document 32-06020.31

Reference: 32-01205 Instrument Requirements Document Section 8.5.1

Requirement: The telescope stack shall contain adjacent pairs of thin and thick Silicon detectors. The thickness of the thin detectors will be approximately 140 microns and the thick detectors will be approximately 1000 microns.

Procedure: The detector provider will report the sizes of the thin and thick detectors pairs.

Results:

The following table lists the serial number and thickness of the Silicon detectors allocated to CRaTER FM S/N 01 and S/N 02. All detectors are within 3 microns of the desired thicknesses.

Detector	Serial Number	Thickness (microns)
FM1-D1	D006	148
FM1-D2	E005	1000
FM1-D3	D007	149
FM1-D4	E006	1000
FM1-D5	D008	149
FM1-D6	E007	1000
FM2-D1	D010	152
FM2-D2	E001	993
FM2-D3	D004	147
FM2-D4	E008	993
FM2-D5	D005	148
FM2-D6	E011	992

S/N: 01 & 02

Passed/Failed: Passed

Comments:

Performed by: JCKasper

R&QA: _____

Date: 11 November 2007

Date: _____