

CRaTER Verification Procedure/Report

Title: (8.5.10) Event selection

Document 32-06020.40

Reference: 32-01205 Instrument Requirements Document Section 8.5.9

Requirement: A command capability shall exist to allow specification of detector coincidences that will be analyzed and sent to the spacecraft for transmission to the ground.

Procedure: An automated program will be used to activate the calibration system on all combinations of detectors (64) and to step through all possible detector coincidences (63) and record the events that are sent to the ground support equipment. The resulting data will be analyzed to verify that the coincidence system functions correctly.

Results:

Verification of the event selection capability was conducted for both flight instruments through test 4.13 Coincidence Mask Test of the Long Form Functional test procedure established in 32-06003-01.

S/N: 01 & 02

Passed/Failed: Passed

Comments:

Performed by: JCKasper

R&QA: _____

Date: 25 November 2007

Date: _____