Wide-field Infrared Survey Explorer (WISE)

WSDC Ingest Analysis Results for Mission Scenario Test 4

Version 1.0

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Revision History

Date	Version	Author	Description
Apr. 8, 2009	1.0	CRG	Initial Draft

1 INTRODUCTION

This document describes the role of the WSDC at IPAC during the Mission Scenario Test #4 (MST4). The primary purpose of MST4 was to test the system's response to fault injections during a simulated survey run. No imaging data were used during the test. The WSDC's role during the test was to receive and document the ancillary MOS files that were received after the test. A detailed analysis of the files was not required nor was it possible (see Section 3).

1.1 Acronyms

IPAC: Infrared Processing and Analysis Center
MOS: Mission Operations System
MST: Mission Scenario Test
WISE: Wide-field Infrared Survey Explorer
WSDC: WISE Science Data Center

2 SUMMARY OF DELIVERED FILES

A set of four files were delivered to the WSDC via FastCopy on 1 April 2009. The transfer worked as expected and the files were staged to the WSDC FastCopy inbox. The following table summarizes the files that were received.

Table 1: Summary of Files Delivered for MST4

File	Size (bytes)
WISE_CK_2009_04_01_17_38_41.bc	21504
WISE_CK_2009_04_01_17_38_42.bc	26624
WIS_MOS_SUM_2009_091_17_45_50.txt	149
WIS_WTCCS_VALUE_2009_04_01_17_38_26.zip	9677630

The sizes of the files are consistent with those listed in the file WIS_MOS_SUM_2009_091_17_45_50.txt. The *.bc files appear to be binary files and are not readable. The *.zip file successfully unzipped into two files, WIS_WTCCS_VALUE_2009_04_01_17_38_30.txt and WIS_WTCCS_VALUE_2009_04_01_17_38_31.txt. Both files contain what looks to be telemetry data. The former file contains 942719 lines of data and the latter contains 1213999 lines.

No other files were received.

3 INGEST PIPELINE SUMMARY

The formats of the delivered files were not compliant with the file formats required by the Ingest Pipeline. Modifying the Ingest Pipeline to accommodate the MST4 file formats is not possible at this time. Therefore, the exact contents of the binary files are not possible to reconstruct.