

ACIS Verification Summary Report

Specification: ACIS Contract End Item Specification

Requirement Number/Title: 3.3.5.8 Corrosion (VRSD 3.3.5.8)

Requirement Statement: Metals in contact with fluid media shall be corrosion resistant and shall be compatible with the media to which they are exposed.

Verification Method: Validation of Records

Procedure Number:

Configuration:

Cycle Time:

Verification Discussion/Results:

Six (6) metals are used in the ACIS. These are Tantalum, Copper, Beryllium, Aluminum, Titanium, and Corrosion Resistant Steel (CRES). All these metals appear in the materials selection list, MSFC-HDBK-527, and are compatible with the AXAF space flight environment. None of the ACIS metals are in contact with a fluid media. The ACIS metals are identified on the Materials Identification and Usage List (MIUL) which was submitted to MSFC as Data Requirement SHF03.

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5/15/97
Date