

Proposed Standard on the Design and Construction of Spacecraft-Borne Artifacts aboard Spacecraft Leaving the Solar System

James Moore

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1 Scope

1.1 Purpose

The purpose of this standard is to describe the general requirements for the design and construction of physical artifacts intended to be carried aboard spacecraft, similar to those of *Pioneer 10*, *Pioneer 11*, *Voyager 2*, and *Voyager 1* spacecraft. This standard is applicable for those artifacts to be carried by spacecraft which will achieve Solar escape velocity along their final trajectory, regardless of whether mission operations continue to such a point.

1.2 Applicability

1.3 Tailoring

2 Applicable Documents

2.1 General

2.2 Government Documents

2.3 Non-Government Documents

2.4 Order of Precedence

3 Acronyms and Definitions

3.1 Acronyms and Abbreviations

3.2 Definitions

4 Requirements