

Contract No TBD
Date: 18 April 2002

EXHIBIT I: APPLICABLE AND CONTROLLING DOCUMENTS

Applicable and Controlling Documents

- [1] **JPL D-21090**, Date TBD, Draft C, Electra Payload Functional Requirements Document (JPL Internal Document).
- [2] **JPL D-22040**, Electra Ultra-Stable Oscillator Functional, Development and Assembly Testing Requirements Document, Revision 1.2 (JPL Internal Document).
- [3] **JPL D-20241**, MRO Environmental Requirements and Estimates, April 16, 2001
- [4] **JPL D-20327**, MRO Mission Assurance Plan Document, Version 1.0, April 7, 2001
- [5] **JPL D-20329**, MRO Project Safety Plan, April 2001
- [6] **JPL D-20380**, Draft MRO Risk Management Plan, April 6, 2001
- [7] **JPL D-20381**, MRO Orbiter Requirements, April 16, 2001
- [8] **JPL D-20393**, Draft MRO Mission and Trajectory Description, April 6, 2001 (Reference Only)
- [9] **JPL D-20454**, Draft MRO Project Policies and Management Plan, April 6, 2001
- [10] **JPL D-20386**, MRO Project Configuration Management Plan, March 16, 2001
- [11] **JPL D-20391**, MRO Proposal Information Package (PIP) (Reference Only), April 20, 2001
- [12] **JPL D-1348**, Rev. D, JPL Standard for Electrostatic Discharge (ESD) Control, September 1999
- [13] **JPL D-5703**, JPL Reliability Analysis Handbook, July 1990 (JPL Internal Document).
- [14] **JPL D-8545**, Rev. B, JPL Derating Guidelines, 19 February 1999
- [15] **JPL D-10401**, Standards for Reviews (JPL Internal Document).
- [16] **JPL D-18002**, Radiation Test Requirements for Ionization and Displacement Damage
- [17] **JPL D-4410**, (also referred to as STD-00002) Preparation of Hardware Specification (JPL Internal Document).
- [18] **JPL-D-17868**, Rev. 1, February 16,2001, Design, Verification, Validation and Operations Principles for Flight Systems
- [19] **JPL D-560**, Rev. C, March 9, 1999 JPL Standard for Systems Safety
- [20] **JPL 900-434**, Standard Environmental Testing Facilities and Practices
- [21] **JPL HRCR Form**, Hardware Review/Certification Requirement (JPL Internal Document).
- [22] **JPL STD-00009**, Preferred materials, Fasteners, Processes, et. Al. (JPL Internal Document).
- [23] **CS515574**, Rev. E, General Specification for Hybrid Integrated Circuit Crystal Oscillator (JPL Internal Document).
- [24] **ES 501492**, Rev. G, Safety Requirements for Mechanical Support Equipment for JPL Critical Items Equipment
- [25] **FS503624**, Rev. C, Detail Specification for “As-Built” Hardware Documentation, 12 June 1978 (JPL Internal Document).
- [26] **NPSL**, NASA Parts Selection List <http://nepp.nasa.gov/npsl/>
- [27] **MIL-STD-883E**, Test Methods and Procedures for Microelectronics
- [28] **MIL-PRF-123B**, General Specification for Capacitors, Fixed, Ceramic Dielectric
- [29] **MIL-PRF-19500M**, General Performance Specification for Semiconductor Devices
- [30] **MIL-STD-45662A**, Calibration System Requirements

- [31] **MIL-STD-975**, Rev. M, NASA Standard Electrical, Electronic, and Electromechanical (EEE) Parts List (as a reference).
- [32] **MIL-PRF-39012D**, Connectors, Coaxial, Radio Frequency, General Specification for
- [33] **MIL-PRF-38534D**, General Performance Specification for Hybrid Microcircuits
- [34] **MIL-PRF-38535E**, Integrated Circuit (Microcircuits) Manufacturing, General Specification For
- [35] **QML-38534**, Qualified Manufacturers List of Custom Hybrid Microcircuits Manufactured to the Requirements of MIL-PRF-38534
- [36] **QML-38535**, Qualified Manufactures List of Integrated Circuit (Microcircuits) Manufactured to the Requirements of MIL-PRF-38535
- [37] **DMIE-53052**, JPL Waiver Procedure
- [38] **SSQ25000**, Rev. B, Destructive Physical Analysis (DPA) Testing Specification for the Space Station Program, Revision B
- [39] **SSQ25001**, Rev C, Upgrade Screening, Space Station Program EEE Parts Requirements, Rev. C
- [40] **MIL-STD-461C**, Electromagnetic Emission and Susceptibility Requirements for the Control of Electromagnetic Interference, 4 August 1986
- [41] **MIL-STD-462**, Electromagnetic Interference, Characteristics, Measurement of