

Mars Reconnaissance Orbiter

Applicable/Reference Documents List

EXHIBIT II



Jet Propulsion Laboratory
California Institute of Technology

APPLICABLE DOCUMENTS LIST

The specifications and documents listed herein constitute the Applicable Documents List for the Mars Reconnaissance Orbiter Contract. The following versions are the only ones applicable to this Contract.

<u>Document No.</u>	<u>Date</u>	<u>Title</u>
(a) JPL Documents		
JPL-D-17868; Rev. 1	February 16, 2001	Design, Verification, Validation and Operations Principles for Flight Systems
810-005, Rev. E	November 30, 2000	DSMS Telecommunications Link Design Handbook
JPL D-560, Rev. C	March 9, 1999	JPL Standard for Systems Safety
ES 501492, Rev. G	July 27, 2000	Safety Requirements for Mechanical Support Equipment for JPL Critical Items Equipment
JPL-D-17896	August 12, 1999	TMOD Security Requirements
(b) Project Documents		
JPL D-20241	April 16, 2001	MRO Preliminary Environmental Requirements and Estimates
JPL D-20393, Draft	April 6, 2001	Mission and Trajectory Description
JPL-D-20453	April 6, 2001	Mars Reconnaissance Orbiter, Review Plan, Draft
JPL-D- 20329	April 2001	Mars Reconnaissance Orbiter, Project Safety Plan
JPL-D- 20327	March 2001	Mars Reconnaissance Orbiter Mission Assurance Plan
JPL -D-20454	April 6, 2001	Mars Reconnaissance Orbiter, Policies and Management Plan, Draft
JPL-D- 20380	April 6, 2001	Mars Reconnaissance Orbiter, Risk Management Plan, Draft
JPL D-20386	March 16, 2001	Configuration Management Plan

<u>Document No.</u>	<u>Date</u>	<u>Title</u>
(c) Government Documents		
CCSDS* 100.0-G-1	December 1987	Telemetry: Summary of Concept and Rationale
CCSDS 101.0-B-4	May 1999	Telemetry Channel Coding
CCSDS 102.0-B-4	November 1995	Packet Telemetry
CCSDS 200.0-G-6	January 1987	Telecommand: Summary of Concept and Rationale
CCSDS 201.0-B-3	June 2000	Telecommand: Part 1 - Channel Service
CCSDS 202.0-B-2	November 1992	Telecommand: Part 2 - Data Routing Service
CCSDS 202.1-B-1	October 1991	Telecommand: Part 2.1 - Command Operation Procedures
CCSDS 203.0-B-1	January 1987	Telecommand: Part 3 - Data Management Service
EWR-127	October 31, 1997	Eastern and Western Range Safety Requirements
FED-STD 209E	September 11, 1992	Airborne Particulate Cleanliness Classes in Clean Rooms and Clean Zones
K-CM-05.3, Change 2	July 1993	Guide for Payload Processing at KSC
KHB 1710.2D	November 1, 1998	Kennedy Space Center Safety Practices Handbook
MIL-P-26536E	September 24, 1997	High Purity Hydrazine
MIL-P-27401D	October 3, 1995	Propellant Pressurizing Agent, Nitrogen
MIL-P-27407B	August 25, 1997	Propellant Pressurizing Agent, Helium
MIL-STD-1541 (USAF)	December 30, 1987	Electromagnetic Compatibility Requirements for Space Systems
MIL-STD-1576	July 31, 1984	Electroexplosive Subsystem Safety Requirements and Test Methods for Space Systems
MIL-STD-1686C	October 25, 1995	Electrostatic Discharge Control Program for Protection

<u>Document No.</u>	<u>Date</u>	<u>Title</u>
JSC-SPEC-C-20C	June 14, 1976	Water, High Purity Specification For
NASA-STD-8719.8	June 1998	Expendable Launch Vehicle Payload Safety Review Process Standard
NPG 8020.12B	April 16, 1999	NASA Planetary Protection Provisions for Robotic Extraterrestrial Missions

REFERENCE DOCUMENTS LIST

The following documents are supplied FOR REFERENCE ONLY for the Mars Reconnaissance Orbiter Contract.

<u>Document No.</u>	<u>Date</u>	<u>Title</u>
JPL Publication 93-28	November 1993	Mars Observer Loss of Signal Special Review Board Final Report
N/A	March 14, 2000	Mars Program Independent Assessment Team Summary Report (including view graphs)
JPL D 18709	March 22, 2000	Report on the Loss of the Mars Polar Lander and Deep Space 2 Missions
JPL D 18441	November 11, 1999	Report on the Loss of the Mars Climate Orbiter Mission
JPL D-20391	April 20, 2001	Mars Exploration Program AO – MRO Mission Proposal Information Package (to be released later)
	February 9, 2001	Report of the NASA Science Definition Team for the Mars Reconnaissance Orbiter (MRO)
ES-518193	April 14, 2001	Small Deep Space Transponder Functional Specification and Interface Control Document
N/A	April 24, 2001	MRO: X-Band 100 W Traveling Wave Tube Amplifier Preliminary Capabilities
JPL Dwg. 10213190 X1	March 9, 2001	100 Watt, X-Band TWTA Assembly, Interface Control Drawing
JPL D-15378, Rev. D	November 15, 1999	The JPL Software Development Process Description
JPL D-8545, Rev. B	February 19, 1999	JPL Derating Guidelines
JPL D-5703	July 1990	JPL Reliability Analyses Handbook
JPL D-1348, Rev. D	September 1999	JPL Standard for Electrostatic Discharge Control

<u>Document No.</u>	<u>Date</u>	<u>Title</u>
JPL Functional Spec. FM516933	April 1, 1994	Hardware Command Decoder/Critical Controller Control Unit, ver. 2.1