DRD Mapping

Rev 3 DRD #	Rev 3 DRD Title	Rev 4 DRD #	Rev 4 DRD Title
AS			
SE-017	ASIC Documentation	AS-01-01	ASIC Design Specification
		AS-02-01	ASIC Package Specification
		AS-03-01	ASIC Prototype Approach
		AS-04-01	ASIC Prototype Test Plan
		AS-05-01	ASIC Prototype Test Results
		AS-06-01	ASIC Prototype Design Files
		AS-07-01	ASIC Post Silicon Test and Characterization Plan
		AS-08-01	ASIC Post Silicon Test and Characterization Results
		AS-09-01	ASIC Foundry Specific Data
		AS-10-01	ASIC Verification Test Plan
		AS-11-01	ASIC Verification Matrix
		AS-12-01	ASIC Development Schedule
		AS-13-01	ASIC Development Plan
		AS-14-01	ASIC Design Review Report
		AS-15-01	ASIC Floorplan
		AS-16-01	ASIC Design Files
		AS-17-01	ASIC Functional Verification Results
		AS-18-01	ASIC Timing Analysis Constraints/Scripts
		AS-19-01	ASIC Timing Analysis Results
		AS-20-01	ASIC Power Analysis Results
		AS-21-01	ASIC Clock/Reset Domain Analysis Scripts
		AS-22-01	ASIC Clock/Reset Domain Analysis Results
		AS-23-01	ASIC Physical Check Results
		AS-24-01	ASIC Synthesis and Layout Constraints/Scripts
		AS-25-01	ASIC Manufacturing Test Vectors
		AS-26-01	ASIC Photo Lithographic Masks
		AS-27-01	ASIC Electrical IO Models
		AS-28-01	ASIC Bug Tracking and Resolution Database
		AS-29-01	ASIC Thermal Models
CM			
CM-001	Information and Configuration Management Plan	CM-01-01	Information Management – Subcontractor Standard Information Management Planning
CM-002	Software Configuration Management Plan	CM-02-01	Software Configuration Management Plan (SCMP)
CM-003	Engineering Document(s)	CM-03-01	Engineering Documents – System/Subsystems Data List
		CM-03-02	Engineering Documents – System/Subsystems Indentured Drawing List
		CM-03-03	Engineering Documents – System/Subsystems Document Tree
		CM-03-04	Engineering Documents – System/Subsystems Engineering Parts List
		CM-03-05	Engineering Documents – System/Subsystems Drawing, Schematics, Data and Associated Lists
		CM-03-06	Engineering Documents – System/Subsystems Mechanical Drawings
		CM-03-07	Engineering Documents – System/Subsystems Electrical, Electronics, and Electro-mechanical Drawings and Models
		CM-03-08	Engineering Models – System/Subsystems CAD Models
		CM-03-09	Engineering Documents – System/Subsystems Electrical Models
		CM-03-10	Engineering Documents – System/Subsystems Flight System Configuration Models
		CM-03-11	Engineering Documents – System/Subsystems Miscellaneous Analyses
		CM-03-12	Engineering Documents – System/Subsystems Flight System Waivers
		CM-03-13	Engineering Documents – System/Subsystems Engineering Change Requests (ECRs)
		CM-03-14	Engineering Documents - Printed Wiring Board/Printed Wiring Assembly/Slice or Top Assembly Drawings
CM-004	Interface Control Documents	CM-04-01	Electrical Interface Control Documents (EICDs)
		CM-04-02	Mechanical Interface Control Documents (MICDs)
		CM-04-03	Informational Interface Control Documents (IICDs)
		CM-04-04	Hardware to Software Interface Control Documents
CM-005	Digital Images and Media	CM-05-01	Digital Images and Media – Hardware, Facilities, and Test Related Configuration Images
CM-006	Hardware End Item Data Packages, including HRCRs	CM-06-01	Hardware End-item Data Packages (EIDPs), including HRCRs
CM-007	Support Equipment End Item Data Packages, including SECRs	CM-07-01	Support Equipment End-item Data Packages (EIDPs), including SECRs
CM-008	Software End-Item Data Packages, including SRCRs	CM-08-01	Software End-item Data Packages (EIDPs), including Software Review and Certification Record (SRCR)
ER			
ER-001	Environmental Verification Plan	ER-01-01	Environmental Verification Plan
ER-002	Electromagnetic Compatibility and Magnetic Control Plan	ER-02-01	System/Subsystem/Assembly Test Plans
		ER-02-02	System/Subsystem/Assembly Test Reports
		ER-02-03	Environmental Test Authorization and Summary (ETAS)
		ER-02-04	Environmental Analysis Report
		ER-02-05	Packaging, Qualification, Verification/Thermal Cycle Life (PQV/TCL) Records
FP			
SE-016	FPGA Documentation	FP-01-01	FPGA Design Specification
		FP-02-01	FPGA Verification Test Plan
		FP-03-01	FPGA Verification Matrix
		FP-04-01	FPGA Functional Verification Results
		FP-05-01	FPGA Development Plan
		FP-06-01	FPGA Development Schedule
		FP-07-01	FPGA Design Review Report
		FP-08-01	FPGA Bug Tracking and Resolution Database
		FP-09-01	FPGA Version Description Document
		FP-10-01	FPGA Design Files
		FP-11-01	FPGA Synthesis and Layout Constraints/Scripts

		FP-12-01	FPGA Systhesis and Layout Log Files
		FP-13-01	FPGA Programming File
		FP-14-01	FPGA Timing Analysis Constraints/Scripts
		FP-15-01	FPGA Timing Analysis Results
		FP-16-01	FPGA Power Analysis Results
		FP-17-01	FPGA Clock/Reset Domain Analysis Scripts
		FP-18-01	FPGA Clock/Reset Domain Analysis Results
LS			
LV-001	Launch Vehicle Documentation	LS-01-01	Inputs to the Launch Systems Requirements Document (LSRD)
		LS-01-02	Flight System Finite Element Model
		LS-01-03	Flight System 3-D CAD Model and Interface Drawings
		LS-01-04	Flight System Pinouts for the Flight Interface and the Electrical Ground Support Equipment
		LS-01-05	Flight System Thermal and Geometrical Mathematical Models
		LS-01-06	Flight System Launch Site Test and Operations Plan
		LS-01-07	Flight System Launch Site Stand-alone Test Procedures Final
		LS-01-08	Inputs to the Flight System Integrated Test Procedure
		LS-01-09	Flight System Ventable and Non-Ventable Volumes
		LS-01-10	Flight System RF Systems Summary
		LS-01-11	Flight System Environment Test Plans
		LS-01-12	Flight System Test Data Reports
		LS-01-13	Flight System Mass Properties Statement
		LS-01-14	Inputs to the Flight System to Launch Vehicle ICD
		LS-01-15	Inputs to the Launch Site Support Plan
		LS-01-16	Launch Vehicle Mission Insignia Inputs
		LS-01-17	Flight System Orbital Injection Parameters Message
		LS-01-18	Flight System Break-Up Data
MA			
MA-001	Safety and Mission Assurance Plan	MA-01-01	Safety & Mission Assurance Implementation Plan(s) (SMAIP)
MA-002	Safety and Health Plan and Incident Reports	MA-02-02	Mishap Reporting
MA-003	System Safety Data	MA-02-01	System Safety Survey
		MA-02-03	Inputs to Safety Data Package (SDP)
		MA-02-04	Inputs to Safety Requirements Compliance Matrix
MA-004	Hardware Quality Assurance Data and Documentation	MA-03-01	Procurement Quality Assurance Supplier Qualification Data – Procedure for Approving Suppliers
		MA-03-02	Procurement Quality Assurance Supplier Qualification Data – List of Approved Suppliers
		MA-03-03	Procurement Quality Assurance Supplier Qualification Data – Audit Schedule
		MA-03-04	Procurement Quality Assurance Supplier Qualification Data – Special Process List
		MA-03-05	Procurement Quality Assurance Supplier Planning Data – Process for Applying Quality Requirements
		MA-03-06	Procurement Quality Assurance Documentation – Process for Source and Receiving Inspection
		MA-03-07	Procurement Quality Assurance Documentation – List of Major/ Critical Suppliers
		MA-03-08	Procurement Quality Assurance Documentation – Supplier Performance Data
		MA-03-09	Procurement Quality Assurance Documentation – Organization Changes
		MA-03-10	Hardware Quality Assurance Supporting Documentation - Product Inspection, Assembly and Test Flow Chart
		MA-03-11	Hardware Quality Assurance Supporting Documentation – List of Workmanship Standards
		MA-03-12	Hardware Quality Assurance Supporting Documentation – Storage Handling and Shipping Procedures
		MA-03-13	Hardware Quality Assurance Supporting Documentation – Standard Rework/Repair Procedures
		MA-03-14	Procurement Quality Assurance Supporting Documentation – Quality Management System Certification
		MA-03-15	Hardware Quality Assurance Supporting Documentation – Non-Conformance Repair Dispositions
		MA-03-16	Hardware Quality Assurance Supporting Documentation – Non-Conformance Failures Documentation
		MA-03-17	Hardware Quality Assurance Supporting Documentation – Critical Process Instructions
		MA-03-18	Hardware Quality Assurance Supporting Documentation – Electrostatic Discharge (ESD) Specification, Procedures and Associated Training Records
MA-005	Electronic, Electrical and Electromechanical (EEE) Parts Data	MA-04-01	EEE Parts List
		MA-04-02	EEE Parts Test and Screening Data
		MA-04-03	EEE Parts Radiation Plans and Reports
		MA-04-04	Government-Industry Data Exchange Program (GIDEP) Alert Review and Status Report
		MA-04-05	Subcontractor Electrical, Electronic, and Electromechanical (EEE) Parts Management Plan
		MA-05-01	Electronic Parts Stress Analyses (EPSA)
		MA-05-02	Worst-Case Analyses (WCA)
		MA-05-03	Single Event Effects Analyses (SEEA)
		MA-05-04	Interface Failure Modes, Effects, and Criticality Analyses (I/F FMECA)
		MA-05-05	System Failure Modes, Effects, and Criticality Analysis (SFMECA)

MA-006	Reliability Data	MA-05-06	Support Equipment (SE) Interface Failure Modes and Effects Analyses (SE I/F FMEA)
		MA-05-07	System/Mission Fault Tree Analysis (System FTA)
		MA-05-08	Mechanism Fault Tree Analysis (FTA)
		MA-05-09	Assembly/Board-level Thermal Analysis
		MA-05-10	Assembly/Board Level Structural Stress Analyses (SSA)
		MA-05-11	Parameter Trend Analysis (PTA)
		MA-05-12	Sneak-Circuit Analysis (SCA)
		MA-05-13	Reliability Analyses Completion Plan
MA-007	Problem/Failure Reports (P/FRs)	MA-06-01	Problem/Failure Reports (P/FRs)
MA-008	Probabilistic Risk Assessment (PRA) Inputs	MA-07-01	Probabilistic Risk Assessment (PRA) Inputs
MA-009	Orbital Debris Assessment Reports	MA-08-01	Orbital-Debris-Limitation Assessment for Earth- and Moon-Orbiting SC (ODAR Spreadsheet)
SE-018	Custom Hybrid Microcircuit Documentation	MA-09-01	Requirements for Custom Hybrid Microcircuits Built to a Source Control Document
MO			
MO-001	Flight System Dictionaries	MO-01-01	Command (CMD) Dictionary
		MO-01-02	Telemetry (TLM) Dictionary
		MO-01-03	Block Dictionary
MO-002	Flight Rules and Constraints	MO-02-01	Flight Rules and Constraints
MO-003	Flight System Operations Description	MO-03-01	Spacecraft Calibration and Maintenance Requirements
		MO-03-02	Spacecraft Operational Modes Definitions
		MO-03-03	Spacecraft Idiosyncracies
		MO-03-04	Communication Behavior Descriptions
MO-004	Spacecraft Operations Level 4 Requirements Document	MO-04-01	Spacecraft Operations Level 4 (L4) Requirements
MO-006	Mission Operations Flight Analysis Software Transition Plan	MO-05-01	Mission Operations Flight Analysis Software Transition Plan
		MO-06-01	Mission Operations System and Ground Data System Functional Requirements
MO-003	Flight System Operations Description	MO-06-02	Mission Operations System and Ground Data System Functional Design Description
MO-007	Mission Operations System Design		
MO-005	Spacecraft Team Inputs to Section of Flight Operations Plan	MO-07-01	Inputs to the Flight Operations Plan
MO-008	Flight Operations Plan		
MO-009	Anomaly Plan	MO-08-01	Anomaly Response Plan
MO-010	Contingency Plan	MO-09-01	Contingency Plan
MO-011	Mission Operations System Verification and Validation Plan	MO-10-01	Mission Operations System (MOS) Verification and Validation Plan
		MO-10-02	Mission Operations System (MOS) Inputs to the JPL-prepared Incompressible Test List (ITL)
		MO-10-03	Mission Operations System (MOS) Test-As-You-Fly Exceptions
MO-012	Flight Sequences - Launch & Mission Critical Events	MO-11-01	Flight Sequences – Launch and Mission Critical Events
PR			
PR-001	Subcontractual Reports	PR-01-01	New Technology Reports
		PR-01-02	Subcontractor Property & Vesting Authorization
		PR-01-03	JPL Contractor-Held Asset Tracking System (CHATS) Report
		PR-01-04	List of NASA Property in the Custody of Contractors
		PR-01-05	Annual Results of Inventories
		PR-01-06	Residual Parts List
		PR-01-07	Small Business Subcontract Reports
		PR-01-08	Copyright Releases
PR-002	Implementation Plans for Spares, Flight Hardware, Long Lead-Time Items and Phase B	PR-02-01	Spares Plan
		PR-02-02	Flight Hardware Implementation Plans for Subsystems and Assemblies
		PR-02-03	Long Lead-Time Items List
		PR-02-04	Phase B Organization and Staffing Plan
		PR-02-05	Insight and Oversight Support
		PR-02-06	Systems Engineering Implementation Plan
		PR-02-07	Differences from Subcontractor's Standard Practices
PR-003	Phase C/D Implementation Plan	PR-03-01	Phase C/D Implementation Plan
		PR-03-02	Inputs to the Project Implementation Plan
PR-004	Phase E Implementation Plan	PR-04-01	Phase E Implementation Plan
PR-005	Cost Proposals	N/A	N/A
RE			
RE-001	Review Plan	RE-01-01	Project Review Plan
RE-003	Monthly Management Review (MMR)	RE-02-01	Monthly Management Reviews (MMRs)
		RE-03-01	Mission Concept Review (MCR)
		RE-03-01	Mission Concept Review (MCR)
		RE-03-02	System Requirements Review (SRR)
		RE-03-03	Mission Definition Review (MDR), Instrument Definition Review (IDR)
		RE-03-04	Inheritance Review (IR)
		RE-03-05	Project Mission System Review (PMSR)
		RE-03-06	Project Preliminary Design Review (PDR)
		RE-03-07	Flight System Preliminary Design Review (PDR)
		RE-03-08	Mission Operations System (MOS) and Ground Data System (GDS) Preliminary Design Review (PDR)
		RE-03-09	Spacecraft Subsystem Preliminary Design Review (PDR)
		RE-03-10	Flight Instrument Preliminary Design Review (PDR)
		RE-03-11	Fault Protection Preliminary Design Review (PDR)
		RE-03-12	Project Critical Design Review (CDR)
		RE-03-13	Flight System Critical Design Review (CDR)
		RE-03-14	Mission Operations System (MOS) and Ground Data System (GDS) Critical Design Review (CDR)
RE-002	Review Data Packages and Reports	RE-03-15	Spacecraft Subsystem Critical Design Review (CDR)

		RE-03-16	Flight Instrument Critical Design Review (CDR)
RE-002	Review Data Packages and Reports	RE-03-17	Fault Protection Critical Design Review (CDR)
		RE-03-18	Manufacturing Readiness Review (MfRR)
		RE-03-19	System Integration Review (SIR)
		RE-03-20	Critical Sequence Review (CSR)
		RE-03-21	Launch Sequence Review (LSR)
		RE-03-22	Testbed Fidelity Review (TFR)
		RE-03-23	Test Readiness Review (TRR)
		RE-03-24	Delivery Review (DLR)
		RE-03-25	Environmental Test Readiness Review (ETRR)
		RE-03-26	Post-Environmental Test Review (PETR)
		RE-03-27	Flight Parameters Review (FPR)
		RE-03-28	Transportation Planning Review (TPR)
		RE-03-29	Pre-Ship Review (PSR)
		RE-03-30	Operations Readiness Review (ORR)
		RE-03-31	Mission Readiness Review (MRR)
		RE-03-32	Post-Launch Assessment Review (PLAR)
		RE-03-33	Critical Event Readiness Review (CERR)

		RM	
RM-001	Financial Management Reports	RM-01-01	Monthly Financial Management Reports
		RM-01-02	Quarterly Financial Management Reports
RM-002	Resource Mgmt Data	RM-02-01	Definitized Cost and Fee Plan
		RM-02-02	Unfilled Orders Outstanding Plan
		RM-02-03	Termination Liability Plan
		RM-02-04	Funding Plan
		RM-02-05	Estimate-to-Complete Forecast - Phased by Month
		RM-02-06	Workforce Status Report
		RM-02-07	Supplemental Data
		RM-02-08	List of Major Subcontractors and Vendors
		RM-02-09	List of Project Risk Items
		RM-02-10	Company Calendar
RM-003	Work Breakdown Structure and WBS Dictionary	RM-03-01	Work Breakdown Structure and WBS Dictionary
RM-004	Project Schedules	RM-04-01	Project Schedules
RM-005A	Earned Value Management Plan (EVM) - See Remarks	RM-05-01	Earned Value Management Plan (EVM)
RM-005B	Earned Value Management Plan (EVM) - See Remarks	RM-05-02	Earned Value Management Plan (EVM)
RM-006	Integrated Baseline Review (IBR) Data Package	RM-06-01	Integrated Baseline Review (IBR) Data Package
RM-007	Cost Performance Reporting	RM-07-01	Cost Performance Reporting (CPR)/Integrated Program Management Report (IPMR)
RM-008	Cost Analysis Data Requirements (CADRe) Inputs	RM-08-01	Cost Analysis Data Requirements (CADRe) Inputs

		SE	
SE-001	Spacecraft and Flight System Requirements	SE-01-01	Spacecraft and Flight System Requirements Document
		SE-01-02	Spacecraft and Flight System Requirements Design Principles Compliance Matrix
		SE-01-03	Functional Requirements and Description Document
SE-002	Subsystem and Assembly Specifications	SE-02-01	Subsystem and Assembly Specifications
		SE-02-02	Subsystem and Assembly Specifications Design Principles Compliance Matrix
SE-003	Materials and Processes Control Plan and Data	SE-03-01	Material and Process Control Plan
		SE-03-02	Nonstandard Materials and Processes (M&P) Qualification Plan
		SE-03-03	Materials Identification and Usage Lists (MIULs)
		SE-03-04	Materials Usage Agreements (MUAs)
SE-004	Contamination Control Plan and Analyses	SE-04-01	Contamination Control Plan and Implementation
		SE-04-02	Contamination Control Susceptibility Analyses
SE-005	Flight System Technical Resources Management Plan and Data	SE-05-01	Flight System Technical Resources Management Plan
		SE-05-02	Flight System Technical Resources Management Data
SE-006	Flight System Parameters Document	SE-06-01	Flight System Parameters Document
SE-007	Flight System Fault Protection Design Description	SE-07-01	Flight System Fault Protection Design Description
SE-008	Planetary Protection Documentation Inputs	SE-08-01	Planetary Protection Plan
		SE-08-02	Planetary Protection Organic Material Archive
		SE-08-03	Planetary Protection System Burn-Up and Break-Up Assessment Report
		SE-08-04	Planetary Protection System Orbital Lifetime Analysis
		SE-08-05	Planetary Protection Report
		SE-08-06	Planetary Protection Subsystem Burn-Up and Break-Up Assessment
SE-009	Flight System Properties for Radiative Acceleration Modeling		
SE-010	Flight System Aerodynamic Coefficients	SE-09-01	Flight System Aerodynamic Coefficients: Orbiter and Aerobraking
		SE-09-02	Flight System Aerodynamic Coefficients: EDL
SE-011	Flight System Testbeds/Simulators Implementation Plan	SE-10-01	Flight System Testbeds/ Simulators Implementation Plan
SE-012	Spacecraft Simulator Requirements Document and User's Guide	SE-11-01	Spacecraft Simulator Requirements Document and User's Guide
		SE-11-02	Simulation Model User's Manual
SE-013	Flight System Description	SE-12-01	Flight System Description
		SE-12-02	Hardware User's Manual
SE-015	Inputs to Flight - Ground Interface Control Document	SE-13-01	Inputs to Flight - Ground Interface Control Document
SE-019	Baseline Reference Mission (BRM)	SE-14-01	Baseline Reference Mission (BRM)
SE-014	Telecommunications Subsystem Design Data		
SE-018	Custom Hybrid Microcircuit Documentation	MA-09-01	Requirements for Custom Hybrid Microcircuits Built to a Source Control Document

		SW	
SW-001	Software Development Plan (SDP)	SW-01-01	Software Development Plan (SDP)
SW-002	Software Requirements Document (SRD)	SW-02-01	Software Requirements Document (SRD)
SW-003	Software Design Document (SDD)	SW-03-01	Software Design Document (SDD)
SW-004	Software Integration and Test Plans (STP)	SW-04-01	Software Test Plan
SW-005	Software User's Manual	SW-05-01	Software User's Manual

SW-006	Software Test Readiness Review Package		RE-03-23	Test Readiness Review (TRR)
SW-007	Software Final Test Report		SW-06-01	Software Final Test Report
	N/A -		SW-07-01	Software Release Description Document
TD				
			TD-01-01	Thermal Model and Report
			TD-02-01	Flight System Dynamic Model and Report for Launch Load Analysis
			TD-02-02	Structural Analysis Model and Report
TE				
TE-001	Flight System Verification and Validation Plan		TE-01-01	Flight System Verification and Validation Plan
TE-002	Flight System Integration and Test and Launch Operations Plan		TE-01-02	Flight System Incompressible Test List (ITL) Inputs
			TE-01-03	Flight System Test-As-You-Fly Exceptions Inputs
			TE-02-01	Flight System Integration/Test and Test/Launch Operations Plan
TE-003	Subsystem/Assembly Test Documents		TE-03-01	Subsystem Test Documents
			TE-03-02	Assembly Test Documents
			TE-03-03	Test Procedures
			TE-04-01	Assembly Test Records, including Software
			TE-04-02	Subsystem Test Records, including Software
TE-002	Flight System Integration and Test and Launch Operations Plan		TE-04-03	Flight System Test Records, including Software
			TE-04-04	Flight System-Level Integration Test Records, including Software
			TE-04-05	Summary Flight System Verification Record
			TE-04-06	Testbed Test Record
TE-005	Test and Verification Reports		TE-04-07	Summary Testbed Verification and Validation Records
			TE-04-08	Test, Verification, and Calibration Reports – Test Data
			TE-04-09	Test, Verification, and Calibration Reports – Test Reports
			TE-04-10	Test, Verification, and Calibration Reports – Calibration Reports
			TE-04-11	Test, Verification, and Calibration Reports – Verification Summary Report Matrix
TE-006	Ground System Compatibility Test Plan and Report Inputs		TE-05-01	Ground System Compatibility Test Plan
			TE-05-02	Ground System Compatibility Test Plan Report
TR				
TE-004	Transportation and Handling Documentation		TR-01-01	Transportation Plan
			TR-02-01	Special Airlift Assignment Mission (SAAM) Request
			TR-03-01	Transportation Documentation, Packaging, and Special Handling Plan