

## 2. Related Documentation

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### 2.1 Parent Documents

The parent documents are the documents from which the scope and content of this Release B SDPS/CSMS Design Overview Specification are derived.

194-207-SE1-001	System Design Specification for the ECS Project
194-219-SE1-001	Interface Requirements Document Between EOSDIS Core System (ECS) and the NASA Science Internet (NSI)
193-219-SE1-008	Interface Requirements Document Between EOSDIS Core System (ECS) and Program Support Communications Network, Draft
304-CD-005-001	Release B SDPS/CSMS System Requirements Specification for the ECS Project
423-41-02	Goddard Space Flight Center, Functional and Performance Requirements Specification for the Earth Observing System Data and Information System (EOSDIS) Core System (ECS)
505-41-11	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and the Version 0 System, 10/95
505-41-12	Goddard Space Flight Center, Interface Requirements Document between EOSDIS Core System (ECS) and Science Computing Facilities; 5/95
505-41-13	Goddard Space Flight Center, Interface Requirements Document between Earth Observing System Data and Information System (EOSDIS) and the Landsat 7 System; 7/95
505-41-14	(and TRMM-490-152) Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and Tropical Rainfall Measuring Mission (TRMM) Ground System; 2/95
505-41-15	Goddard Space Flight Center, Interface Requirements Document between the Earth Observing System Data and Information System (EOSDIS) and the AM Project for AM-1 Flight Operations; 7/95
505-41-19	Goddard Space Flight Center, Interface Control Document Between the EOSDIS Core System (ECS) and the National Oceanic and Atmospheric Administration (NOAA) Affiliated Data Center (ADC) for the ECS Project; 7/95
505-41-21	Goddard Space Flight Center, Interface Requirements Document between EOSDIS Core System (ECS) and NASA Institutional Support Systems (NISS); 5/95

## 2.2 Applicable Documents

The following documents are referenced within this Release B Overview, or are directly applicable, or contain policies or other directive matters that are binding upon the content of this document.

102-CD-001-004	Development Configuration Management Plan for the ECS Project, Revision 1
194-201-SE1-001	Systems Engineering Plan for the ECS Project
194-202-SE1-001	Standards and Procedures for the ECS Project
209-CD-001-003	Interface Control Document Between EOSDIS Core System (ECS) and the NASA Science Internet (NSI)
209-CD-002-003	Interface Control Document Between EOSDIS Core System (ECS) and ASTER Ground Data System
209-CD-003-003	Interface Control Document Between EOSDIS Core System (ECS) and EOS-AM Project for AM-1 Spacecraft Analysis Software
209-CD-004-003	Data Format Control Document for the Earth Observing System (EOS) AM-1 Project Data Base
209-CD-005-005	Interface Control Document Between EOSDIS Core System (ECS) and Science Computing Facilities (SCF)
209-CD-006-005	Interface Control Document Between EOSDIS Core System (ECS) and National Oceanic and Atmospheric Administration (NOAA) Affiliated Data Center (ADC)
209-CD-007-003	Interface Control Document Between EOSDIS Core System (ECS) and TRMM Science Data and Information System (TSDIS)
209-CD-008-004	Interface Control Document Between EOSDIS Core System (ECS) and the Goddard Space Flight Center (GSFC) Distributed Active Archive Center (DAAC)
209-CD-009-002	Interface Control Document Between EOSDIS Core System (ECS) and the Marshall Space Flight Center (MSFC) Distributed Active Archive Center (DAAC)
209-CD-010-002	Interface Control Document Between EOSDIS Core System (ECS) and the Langley Research Center (LaRC) Distributed Active Archive Center (DAAC) for the ECS Project
209-CD-011-004	Interface Control Document Between EOSDIS Core System (ECS) and the Version 0 System
209-CD-013-003	Interface Control Document Between the EOSDIS Core System (ECS) and the Landsat 7 System [for the ECS Project]
209-CD-021-002	Interface Control Document Between the EOSDIS Core System (ECS) and the Alaska SAR Facility (ASF) Distributed Active Archive Center (DAAC)

209-CD-022-002 Interface Control Document Between the EOSDIS Core System (ECS) and Oak Ridge National Laboratory (ORNL) Distributed Active Archive Center (DAAC)

209-CD-025-002 Interface Control Document (ICD) Between EOSDIS Core System (ECS) and the Spacecraft Software Development and Validation Facilities (SDVF)

209-CD-027-001 Interface Control Document (ICD) Between EOSDIS Core System (ECS) and the Stratospheric Aerosol and Gas Experiment (SAGE-III Project)

211-CD-001-002 Trade-off Studies Analysis Data for the ECS Project

211-CD-002-001 Release B Trade-off Studies Analytical Data for the ECS Project

301-CD-002-003 System Implementation Plan for the ECS Project

305-CD-004-001 Overview of Release A SDPS and CSMS System Design Specification for the ECS Project

305-CD-021-002 Release B SDPS Client Subsystem Design Specification for the ECS Project

305-CD-022-002 Release B SDPS Interoperability Subsystem Design Specification for the ECS Project

305-CD-023-002 Release B SDPS Data Management Subsystem Design Specification for the ECS Project

305-CD-024-002 Release B SDPS Data Server Subsystem Design Specification for the ECS Project

305-CD-025-002 Release B SDPS Ingest Subsystem Design Specification for the ECS Project

305-CD-026-002 Release B SDPS Planning Subsystem Design Specification for the ECS Project

305-CD-027-002 Release B SDPS Data Processing Subsystem Design Specification for the ECS Project

305-CD-028-002 Release B CSMS Communications Subsystem Design Specification for the ECS Project

305-CD-029-002 Release B CSMS System Management Subsystem Design Specification for the ECS Project

305-CD-030-002 Release B GSFC Distributed Active Archive Center Design Specification for the ECS Project

305-CD-031-002 Release B LaRC Distributed Active Archive Center Design Specification for the ECS Project

305-CD-032-001 Release B MSFC Distributed Active Archive Center Design Specification for the ECS Project

305-CD-033-002	Release B EDC Distributed Active Archive Center Design Specification for the ECS Project
305-CD-034-002	Release B ASF Data Center Distributed Active Archive Center Design Specification for the ECS Project
305-CD-035-002	Release B NSIDC Distributed Active Archive Center Design Specification for the ECS Project
305-CD-036-002	Release B JPL Distributed Active Archive Center Design Specification for the ECS Project
305-CD-037-002	Release B ORNL Distributed Active Archive Center Design Specification for the ECS Project
305-CD-038-002	Release B System Monitoring and Coordination Center Design Specification for the ECS Project
305-CD-039-002	Release B Data Dictionary for the ECS Project Subsystem Design Specification
307-CD-004-001 / 329-CD-004-001	Release B Science Data Processing Segment (SDPS) Release and Development Plan for the ECS Project
307-CD-005-001 / 329-CD-005-001	Release B Communications and System Management Segment (CSMS) Release and Development Plan for the ECS Project
308-CD-001-005	Software Development Plan for the ECS Project
313-CD-004-001	Release A CSMS/SDPS Internal Interface Control Document for the ECS Project
313-CD-006-002	Release B SDPS/CSMS Internal Interface Control Document for the ECS Project
333-CD-003-002	SDP Toolkit Users Guide for the ECS Project
409-CD-002-001	ECS Overall System Acceptance Test Plan for Release B
604-CD-001-004	ECS Operations Concept for the ECS Project: Part 1-- ECS Overview
604-CD-002-003	ECS Operations Concept for the ECS Project: Part 2B - Release B
604-CD-003-002	ECS Operations Concept for the ECS Project: Part 2A - Release A
604-CD-004-001	ECS Operations Concept for the ECS Project: Part 2 -- FOS
819-RD-001-001	ECS Application Programming Interface (API) Interface Description Document (IDD)
193-WP-611-001	Science-based System Architecture Drivers for the ECS Project
194-WP-902-002	ECS Science Requirements Summary, White Paper, Working Paper
193-TP-561-001	DCE Migration Study for the ECS Project
193-TP-626-001	GCDIS/UserDIS Study for the ECS Project Technical Paper
193-TP-632-001	DME Migration Study for the ECS Project
194-TP-313-001	ECS User Characterization Methodology and Results
194-TP-548-001	User Scenario Functional Analysis [for the ECS Project]

222-TP-003-008	Release Plan Content Description for the ECS Project
RFC768	J. Postel; User Datagram Protocol, 8/28/80
RFC791	J. Postel; Internet Protocol, 9/1/81 (obsolete/updated by RFC1060)
RFC793	J. Postel; Transmission Control Protocol, 9/1/91
423-16-02	Goddard Space Flight Center, PGS Toolkit Requirements Specification for the ECS Project

### 2.3 Information Documents Not Referenced

The following documents, although not referenced herein and/or not directly applicable, do amplify and clarify the information presented in this document. These documents are not binding on the content of the Release B Overview.

205-CD-001-002	Science User's Guide and Operations Procedure Handbook [for the ECS Project], Parts 1-3
205-CD-002-002	Science User's Guide and Operations Procedure Handbook for the ECS Project, Part 4: Software Developer's Guide to Preparation, Delivery, Integration and Test with ECS
210-CD-001-003	Risk Assessment Report for the ECS Project
193-212-SE2-001	User Requirements Study Report for the ECS Project
213-CD-001-002	ECS Life Cycle Cost Report
214-CD-001-002	Security Plan for the ECS Project
193-215-SE1-001	Risk Analysis Report for the ECS Project
220-CD-001-004	Communications Requirements for the ECS Project
302-CD-003-001	Release B Facilitateis Plan for the ECS Project
194-317-DV1-001	Prototyping and Studies Plan for the ECS Project
318-CD-003-XXX	Prototyping and Studies Progress Report for the ECS Project (monthly)
627-CD-001-001	Security Risk Management Plan for the ECS Project
706-CD-001-001	Release A Critical Design Review (CDR) Presentation Package for the ECS Project
194-813-SI4-003	DADS Prototype One FSMS Product Operational Evaluation for the ECS Project
194-813-SI4-004	DADS Prototype One STK Wolfcreek 9360 Automated Cartridge System Hardware Characterization Report for the ECS Project
194-WP-901-002	EOSDIS Core System Science Information Architecture, White Paper for the ECS Project
194-WP-914-001	CORBA Object Request Broker Survey for the ECS Project, White Paper for the ECS Project
194-WP-918-001	DADS Prototype One FSMS Product Operational Evaluation, White Paper for the ECS Project

194-WP-925-001	Science Software Integration and Test, White Paper for the ECS Project
420-WP-001-001	Maximizing the Use of COTS Software in the SDPS SDS Software Design, White Paper for the ECS Project
430-TP-001-001	SDP Toolkit Implementation with Pathfinder SSM/I Precipitation Rate Algorithm, Technical Paper for the ECS Project
540-TP-001-001	CSMS Preliminary Design Review Trade Studies for the ECS Project
543-TP-001-003	A Cost Comparison of Transferring Inter-DAAC Data via Media versus the ESN WAN [for the ECS Project] Version 3
423-16-01	Goddard Space Flight Center, Data Production Software and Science Computing Facility (SCF) Standards and Guidelines
560-EDOS-0211.0001	Goddard Space Flight Center, Interface Requirements Document Between EDOS and the EOS Ground System (EGS)
560-EDOS-0230.0001	Goddard Space Flight Center/MO&DSD, Earth Observing System (EOS) Data and Operations System (EDOS) Data Format Requirements Document (DFRD)