ICD	S/C to Ground Station Interface Control Document		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Radio Frequency interface Control Document Between the EOS-PM-1 Spacecraft and the Spaceflight Tracking and Data Network, 450-RFICD-EOS PM-1/STDN			
For more information contact:	**Bill Guit** **william.j.guit@nasa.gov**		

ICD	EDOS-TGT Interface Control Document		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Interface Control Document Between the Earth Observing System (EOS) Data and Operations System (EDOS) and the TDRSS Ground Terminals (TGTs), 428-ICD-EDOS/TGT			
For more information contact:	**Terri Wood** **terri.wood-1@nasa.gov**		

DMR	Detailed Mission Requirements		
DMRs include Mission-Specific Requirements Documents (MSRDs) and mission requirement documents (e.g., Ground System Requirements Documents (GSRDs), and Mission Operations Requirements Documents (MORDs)). DMRs contain the results of the requirements identification and derivation activities and provide the basis for system design for individual missions.			
Phase:	**A**	**Life Cycle Review**	**SRR**
EOSDIS Example			
Aura Mission Specific Requirements Document, 423-10-47			
For more information contact:	**Bill Guit** **william.j.guit@nasa.gov**		

ICD	S/C to Ground System Interface Control Document		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review:**	**PDR/CDR**
EOSDIS Example			
EOS PM-1 Spacecraft to EOS Ground System Interface Control Document, 422-11-19-03			

For more information contact:	**Bill Guit** **william.j.guit@nasa.gov**

IPA	**Inter-Project Agreement**		
Agreements between ESDIS and projects not managed by ESDIS. Generally, the projects involved agree on an exchange of support services and data. From the interface control viewpoint, these agreements identify the need for an interface and the scope of the interface.			
Phase:	**A**	**Life Cycle Review:**	**Pre-SRR**
EOSDIS Example			
Inter-project Agreement (IPA) between the NASA QuikSCAT Scatterometer Project and the Earth Science Data and Information System (ESDIS) Project for Science Data Archive and Distribution Support, 423-10-38			
For more information contact:	**Dr. H. Ramapriyan** **hampapuram.k.ramapriyan@nasa.gov**		

W/A	**Working Agreement**		
A W/A outlines the working commitments made between the ESDIS Project and another organization for developing, implementing and/or operating portions of the data system.			
Phase:	**A**	**Life Cycle Review**	**Pre-SRR**
EOSDIS Example			
Working Agreement between the ESDIS Project and the MOPITT Principal Investigator for Standard Data Production Using the NCAR Science Investigator-lead Processing System (SIPS), 423-10-55			
For more information contact:	**Dr. H. Ramapriyan** **hampapuram.k.ramapriyan@nasa.gov**		

ICD	**EDOS-SIPS** **Interface Control Document**		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Interface Control Document Between the Earth Observing System (EOS) Data and Operations System (EDOS) and the EOS Ground System (EGS) Elements, 428-ICD-EDOS/EGS			
For more information contact:	**Terri Wood** **Terri.Wood-1@nasa.gov**		

ICD	**EDOS-Data Centers** **Interface Control Document**		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			

Interface Control Document Between the Earth Observing System (EOS) Data and Operations System (EDOS) and the EOS Ground System (EGS) Elements, 428-ICD-EDOS/EGS

For more information contact:	**Terri Wood** **Terri.Wood-1@nasa.gov**

ICD	**Networks-SIPS** **Interface Control Document**		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Interface Control Document Between the Earth Observing System (EOS) Networks and the Earth Observing System Data and Information System (EOSDIS) Elements, 423-ICD-002			
For more information contact:	**Kevin Kranacs** **kevin.m.kranacs@nasa.gov**		

ICD	**EMS-Data Providers** **Interface Control Document**		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Interface Control Document between the ESDIS Metrics System (EMS) and the Data Providers, 423-47-01			
For more information contact:	**Dr. H. Ramapriyan** **hampapuram.k.ramapriyan@nasa.gov**		

ICD	**Data Center-ECHO** **Interface Control Document**		
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface			
Phase:	**B/C**	**Life Cycle Review**	**PDR/CDR**
EOSDIS Example			
Interface Control Document between EOSDIS Core System (ECS) and EOS Clearinghouse (ECHO) for Metadata Inventory and Ordering, 423-45-02			
For more information contact:	**Andrew Mitchell** **andrew.e.mitchell@nasa.gov**		

OA	**Operations Agreement**
Operations Agreements are even lower level, more detailed interface documents that are created to help define the operations use of the interfaces, including such things as addresses, phone numbers, and names of responsible personnel. These documents are not intended for project-level development and control.	

Phase:	D	Life Cycle Review	ORR
EOSDIS Example			
Operations Agreement (OA) Between the Goddard Earth Sciences (GES) Data and Information Services Center (DISC) and the Ozone Monitoring Instrument (OMI) Science Investigator-led Processing System (SIPS), 610.2-GDISC-OP-OA.004			
For more information contact:	**Gary Alcott** **gary.t.alcott@nasa.gov**		

ICD	SIPS-Data Centers Interface Control Document
ICDs are used to record design agreements for the interfaces between participating organizations. ICDs provide a means to evaluate and control all mutually interdependent and/or interacting design parameters of the interface	

Phase:	B/C	Life Cycle Review	PDR/CDR
EOSDIS Example			
Interface Control Document between the Goddard Earth Sciences Data and Information Services Center (GES DISC) Simple, Scalable Script-based Science Processor Archive (S4PA) and the Science System Element (SSE) Interface Mechanisms, 423-44-01			
For more information contact:	**Karen Michael** **karen.a.michael@nasa.gov**		

IRD	Data Center-SIPS Interface Requirements Document
IRDs define the requirements for data exchanges across an interface between separately managed systems or subsystems. The requirements statements in IRDs are derived directly from project requirements documents.	

Phase:	A	Life Cycle Review	MDR
EOSDIS Example			
Interface Responsibilities for Standard Product Generation Using Science Investigator-led Processing Systems, 423-42-03			
For more information contact:	**Dr. H. Ramapriyan** **hampapuram.k.ramapriyan@nasa.gov**		

ATBD	Algorithm Theoretical Basis Document
An ATBD describes the physical and mathematical description of the algorithms to be used in the generation of data products. It includes a description of variance and uncertainty estimates and considerations of calibration and validation, exception control, and diagnostics. In some cases, internal and external data product flows are required.	

Phase:	B	Life Cycle Review	PDR
EOSDIS Example			
EOS/AMSR RAINFALL, Algorithm Theoretical Basis Document Thomas Wilheit, Christian Kummerow, Ralph Ferraro May 1999			
For more information contact:	**Karen Michael** **karen.a.michael@nasa.gov**		

ADURD	Archiving, Distribution and User Services Requirements in EOSDIS		
This document provides generic requirements for data archiving, data distribution and user services for EOSDIS-supported data.			
Phase:	**All**	**Life Cycle Review**	**All**
EOSDIS Example			
Requirements for Archiving, Distribution and User Services in EOS Data and Information System (EOSDIS), 423-10-69			
For more information contact:	**Dr. H. Ramapriyan** **hampapuram.k.ramapriyan@nasa.gov**		

MRT	Mission Readiness Test Plan		
The MRT plan documents the strategy that will be used to verify and ensure that all system components working together meet design specifications and requirements for the mission.			
Phase:	**D**	**Life Cycle Review**	**TRR**
EOSDIS Example			
Earth Observing System (EOS) Aura Mission Readiness Test Plan (MRTP), ESDIS02760			
For more information contact:	**Karen Michael** **karen.a.michael@nasa.gov**		