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Joint Polar Satellite System (JPSS)

Common Data Format Control Book –

External

Volume I - Overview

For Public Release

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NOAA / NASA

Goddard Space Flight Center
Greenbelt, Maryland

**Joint Polar Satellite System (JPSS)
Common Data Format Control Book – External
Volume I - Overview
Review/Signature/Approval Page**

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Preface

This document is under JPSS Ground configuration control. Once this document is approved, JPSS approved changes are handled in accordance with Class I and Class II change control requirements as described in the JPSS Configuration Management Procedures and changes to this document shall be made by complete revision.

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NOTE

NOAA's Office of Low Earth Orbit (LEO) Observations encompasses the Joint Polar Satellite System (JPSS) and Near Earth Orbit Network (NEON) Programs. The JPSS Ground Segment Project has evolved to the LEO Ground Services Project and its ground system serves the needs of both JPSS and NEON missions. For efficiency, documents created prior to the formulation of LEO Ground Services will retain legacy terminology (e.g., JPSS Ground Project, JPSS Ground System).

Change History Log

Revision	Effective Date	Description of Changes (Reference the CCR & CCB/ERB Approval Date)	Sections Affected
0200-	Jan 09, 2014	This version incorporates Rev C of 474-00001-01-B0123, dated Nov 7, 2013 to create the baseline for Block 2.0.0, Rev-. This was approved (out of board) by the JPSS Ground ERB via (ECR-CGS-0264)474-CCR-13-1303 on the effective date shown.	All
0200-1	Jul 09, 2014	This version incorporates 474-CCR-14-1701 (ECR-CGS-0305). This was approved by the JPSS Ground ERB on the effective date shown.	Table 2.2-1 Table 3.1-3 Table 3.3.1-1 Table 3.4-2 Table 3.4.3-1 Table 3.4.5-1 Table 3.5.12-1 Table B-1 Table B-3 Table B-8 Table D-3 Appendix I Appendix K
0200A	Sep 04, 2014	This version incorporates 0200-1 and 474-CCR-14-1947 (ECR-CGS-0347). This was approved by the JPSS Ground ERB on the effective date shown.	All
0200A1	Nov 17, 2014	This version incorporates 474-CCR-14-2032 (ECR-CGS-0393). This was approved by the JPSS Ground ERB on the effective date shown.	Table 3.4.1-1 Table 3.4.2-1 Table 3.4.4-1 Table 3.4.4-2 Table 3.4.5-1 Table 3.4.5.1-1 Table 3.4.6-1 Table 3.4.12-1 Sec 3.5.6 Sec 3.5.6.1 Sec 3.5.8.4.3 Sec 3.5.11 Table A-1 Table A-2

			Table A-4 Table A-6 Table A-8 Table B-1 Tables B-7 – B-9 Table E-1 Table F-1 Table H-1 Table H-2 Tables K-1 – K-5 Table L-1
0200B	Feb 04, 2015	This version incorporates 0200A1 and 474-CCR-14-2187 (ECR-CGS-0424). This was approved by the JPSS Ground ERB on the effective date shown.	All
0200B1	Apr 2, 2015	This version incorporates 0200B and 474-CCR-15-2327 (ECR-CGS-0491). This was approved by the JPSS Ground ERB on the effective date shown.	All
0200B2	Jul 06, 2015	This version incorporates 0200B1 and 474-CCR-15-2414 (ECR-CGS-0506). This was approved by the JPSS Ground ERB on the effective date shown.	3.4.11.2 Table 3.4-1 Table A-1 Table A-2 Table A-3 Table A-4 Table A-6 Table B-1 Table B-8 Table B-9 Table K-4
0200B3	Sep 10, 2015	This version incorporates 0200B2 and 474-CCR-15-2520 (ECR-CGS-0527). This was approved by the JPSS Ground ERB on the effective date shown.	Table 3.4.3-1 Table 3.4.4-1 Section 3.4.5 Table A-1 Table A-6 Table A-9 Table B-1 Table B-9
0200B4	Oct 15, 2015	This version incorporates 0200B3 and 474-CCR-15-2638 (ECR-CGS-0589). This was approved by the JPSS Ground ERB on the effective date shown.	All
0200B5	Feb 26, 2016	This version incorporates 474-CCR-16-2797 (ECR-CGS-0609). This was approved by the JPSS Ground ERB on the	3.4 3.4.3 3.5.6

		effective date shown.	Table A-1 Table A-2 Table A-3 Table A-4 Table A-6 Table B-1 Table B-8
0200C	Aug 23, 2016	This version incorporates 0200B1 – 0200B5 and 474-CCR-16-2901. This was approved by the JPSS Ground ERB on the effective date shown.	All
0200C1	Sep 23, 2016	This version incorporates 474-CCR-16-3027 (ECR-CGS-0681). This was approved by the JPSS Ground ERB on the effective date shown.	Table 3.4.3-1 Appendix A Appendix B
0200C2	Mar 01, 2017	This version incorporates 474-CCR-17-3251 (ECR-CGS-0768). This was approved by the JPSS Ground ERB on the effective date shown.	3.4.4 Table A-4 Table A-6 Table B-1 Table 3.1-2 Table 3.1-3 Table 3.4-1 3.4.4 Table A-1 Table A-4 Table A-6 Table B-1 Table L-1
0200C3	May 31, 2018	This version incorporates 474-CCR-17-3689 (ECR-CGS-0902). This was approved by the JPSS Ground ERB on the effective date shown.	3.4.4 3.4.5
0200C4	May 01, 2018	This version incorporates 474-CCR-17-3309 (ECR-CGS-0756). This was approved by the JPSS Ground ERB on the effective date shown.	All
0200C5	Oct 17, 2018	This version incorporates 474-CCR-18-3871 (ECR-CGS-1018). This was approved by the JPSS Ground ERB on the effective date shown.	3.1
D	Oct 15, 2019	This version incorporates 0200C1-0200C5 and 474-CCR-18-4234. This was approved by the JPSS Ground CCB on the effective date shown.	All
D1	Sep 26, 2019	This version incorporates 474-CCR-18-	Table 3.5.12-1

		4240 (ECR-CGS-1091). This was approved by the Ground Segment ERB on Sep 24, 2019 and by the JPSS Ground Segment CCB on the effective date shown.	Appendix B
D2	Jan 30, 2020	This version incorporates 474-CCR-19-4757 (ECR-CGS-1135). This was approved by the Ground Segment ERB on Jan 16, 2020 and by the JPSS Ground Segment CCB on the effective date shown.	Table 3.1-2 Table 3.4-2 Table B-1 3.4.1 Examples 3.4.2 Examples
D3	Jul 07, 2020	This version incorporates 474-CCR-2020-5045 (ECR-CGS-1160). This was approved by the Ground Segment ERB on Jul 06, 2020 and by the JPSS Ground Segment CCB on the effective date shown.	Table 3.4-2 Appendix A Appendix B Appendix D
D4	Aug 27, 2020	This version incorporates 474-CCR-20-5126 (ECR-CGS-1170). This was approved by the Ground Segment ERB on Aug 27, 2020 and by the JPSS Ground Segment CCB on the effective date shown.	Table 3.4-2 Appendix B
E	Sep 17, 2020	This version incorporates prior approved change pages D1-D4 and 474-CCR-20-5201. This was approved by the Ground Segment ERB on Sep 17, 2020 and by the JPSS Ground Segment CCB on the effective date shown.	All
E1	Jun 10, 2021	This version incorporates 474-CCR-21-5478 (ECR-CGS-1189). This was approved by the Ground Segment ERB on Jun 10, 2021 and by the JPSS Ground Segment CCB on the effective date shown.	Appendix A Appendix B Appendix H Appendix K
E2	Jan 20, 2022	This version incorporates 474-CCR-21-5731 (ECR-CGS-0988). This was approved by the Ground Segment ERB on Jan 18, 2022 and by the JPSS Ground Segment CCB on the effective date shown.	Table 2.2-1 Table 3.2.2-1 Table 3.4.10-1 Table A-9 Table B-1 Table E-1
E3	Mar 31, 2022	This version incorporates 474-CCR-22-5915 (ECR-CGS-1215). This was approved by the Ground Segment ERB on Mar 28, 2022 and by the JPSS Ground Segment CCB on the effective date shown.	Table 3.1-2 Table 3.4.5-1 Appendix A Appendix B
E4	Oct 19, 2022	This version incorporates 474-CCR-22-6110 (ECR-CGS-1228 and ECR-CGS-1235). This was approved by the Ground Segment ERB on Oct 19, 2022 and by the	2.2 Table 3.4.1-1 Table 3.4.3-1 Table 3.4.4-1

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F	Aug 25, 2023	This version incorporates 474-CCR-23-6754. This was approved by the Ground Segment ERB on Aug 18, 2023 and by the JPSS Ground Segment CCB on the effective date shown.	All updated to remove block ended interfaces, mnemonics Table 3.4.3-1 (DR-11695) Table 3.5.12-1 based on current J2 and GOSAT values Section 3.4.14, Appendix M (Modernization) Table 3.1-2, Appendix B (EASI) Baseline for LGSS contract

List of TBx Items

TBX #	Type	ID	Text	Action
		None		

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1 INTRODUCTION

1.1 Scope

The Joint Polar Satellite System (JPSS) is the National Oceanic and Atmospheric Administration's (NOAA) next-generation operational Earth observation program that acquires and distributes global environmental data primarily from multiple polar-orbiting satellites. The program plays a critical role in NOAA's mission to understand and predict changes in weather, climate, oceans and coasts, and the space environment, which support the Nation's economy and protect lives and property. For information regarding the JPSS Program, missions, instruments, and partners, see the JPSS website at <https://www.jpss.noaa.gov/>.

1.2 Purpose

This Common Data Format Control Book – External (CDFCB-X) provides the data format definitions of all of the data distributed to the external community by the Joint Polar Satellite System and the Suomi National Polar-orbiting Partnership (S-NPP). The purpose of the CDFCB-X Volume I – Overview is to provide the introductory material necessary to understand the data format definitions and conventions used for the data provided by Joint Polar Satellite System (JPSS).

1.3 Organization

Section 1	Introduction – Provides a brief overview of the S-NPP and JPSS programs, the document layout, interface management, and scope of the CDFCB-X.
Section 2	Applicable Documents – Identifies the documents applicable to the CDFCB-X. These documents are listed either as Compliance Documents or as Reference Documents. This section also establishes an order of precedence in the event of conflict between the CDFCB-X and other system level documents.
Section 3	Conventions – Describes the various conventions used by JPSS to create the various data that is deliverable to the external community. This section provides conventions for Interface Mnemonics (as applicable to the Interface Control Documents (ICD) that reference the CDFCB-X), Data Mnemonics (as used in the CDFCB-X), Time Conventions, Software Versioning Convention, File-Naming Conventions, and Release Packages used by JPSS.
Appendix A	S-NPP/ JPSS Data Product Collection Short Names – Provides a table containing data mnemonics, data product identifiers, descriptions, effectivity, and Collection Short Names for the S-NPP/ JPSS Data Products. Collection Short Names can be mixed case characters to provide further clarity.
Appendix B	S-NPP/ JPSS Auxiliary Data, Ancillary Data, Reports, and Messages Collection Short Names – Provides a table containing data mnemonics, descriptions, and Collection Short Names for auxiliary data, ancillary data, reports, and messages. Collection Short Names can be mixed case characters to provide further clarity.
Appendix C	Document Specific Acronym List – Provides a list of acronyms unique to this document. All other acronyms are identified and listed in the JPSS Program Lexicon, 470-00041.
Appendix D	Spacecraft and Simulator Names – Provides the standard naming conventions for the spacecraft, spacecraft simulator, and sensors. Also included in this appendix, are their alphanumeric mappings.
Appendix E	Sensor Granule Sizes – Provides tables of the granule sizes from each of the sensors flown on S-NPP and JPSS. The listings are categorized by program effectivity.
Appendix F	S-NPP/JPSS Data Product Style Guide Matrix – Provides a listing of all of the S-NPP/JPSS Data Products (excluding RDRs, which are provided as application packets only) and their associated Style Guide designation as defined in Section 3, Conventions.
Appendix G	S-NPP/JPSS Data Product Geolocation Mapping – Provides the mapping of the S-NPP/JPSS

	Data Products to their corresponding Geolocation data.
Appendix H	S-NPP and Applicable JPSS Data Product Scaling – Provides the listing of S-NPP and applicable JPSS Data Products that are scaled by JPSS prior to delivery to the external community.
Appendix I	HDF5 Data Types Crosswalk – Provides a crosswalk of data types used in the HDF5 implementation of the S-NPP/JPSS Data Products.
Appendix J	Compression Ratios for S-NPP and JPSS – Provides information on compression ratios. This includes general compression for all of one type and even specific compression for certain specific data mnemonics.
Appendix K	DQN Short Names
Appendix L	Container Product and Functions

1.4 Volume Overview

Due to the size of the CDFCB-X, this document has been separated into volumes. Each volume contains a logical grouping of the information in order to facilitate manageability and use of the document. See the Document Overviews of each of the volumes for a detailed description of their contents. The volumes are organized in the following manner:

CDFCB-X Volume I: Overview – Provides a brief overview of the S-NPP and JPSS programs and defines the scope of the CDFCB-X. This volume also provides the introductory material necessary to understand the S-NPP/JPSS Data Products and is the common location for conventions used by the JPSS Program.

CDFCB-X Volume VI: Ancillary Data, Auxiliary Data, Messages, and Reports – Provides the data format definitions for the various ancillary data, auxiliary data, reports, and messages delivered by the JPSS Program to the external community. This volume also includes the HDF5 file formats used for delivering the Official Dynamic Ancillary Data (ODAD) and for those auxiliary data files delivered via the data delivery capabilities of IDPS.

2 RELATED DOCUMENTATION

The latest JPSS documents can be obtained from URL:

https://jpssmis.gsfc.nasa.gov/frontmenu_dsp.cfm. JPSS Project documents have a document number starting with 470, 472 or 474 indicating the governing Configuration Control Board (CCB) (Program, Flight, or Ground) that has the control authority of the document.

2.1 Parent Documents

The following document is the Parent Document from which this document has been derived. Any modification to a Parent Document will be reviewed to identify the impact upon this document. In the event of a conflict between a Parent Document and the content of this document, the JPSS Program Configuration Change Board has the final authority for conflict resolution.

Table 2.1-1. Parent Document

Document Identification	Document Title
474-00167	Joint Polar Satellite System (JPSS) Common Ground System Requirements Document

2.2 Applicable Documents

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

Table 2.2-1. Applicable Documents

Document Identification	Document Title
474-00001-06	JPSS Common Data Format Control Book (CDFCB) - External, Volume VI – Ancillary Data, Auxiliary Data, Messages, and Reports
474-00110	JPSS Common Ground System (CGS) to Kongsberg Satellite Services (KSAT) Interface Control Document (ICD)
474-00409	JPSS CGS to National Aeronautics and Space Administration (NASA) Conjunction Assessment Risk Analysis (CARA) ICD
474-00410	JPSS CGS to Comprehensive Large Array-Data Stewardship System (CLASS) ICD

Document Identification	Document Title
474-00411	JPSS CGS to National Environmental Satellite, Data, and Information Service (NESDIS) Environmental Satellite Processing Center (ESPC) ICD
474-00412	JPSS CGS to NASA Science Data Segment (SDS) ICD
474-00413	JPSS CGS to NESDIS Fairbanks Command and Data Acquisition Station (FCDAS) ICD
474-00416	JPSS CGS to Defense Meteorological Satellite Program (DMSP) ICD
474-00421	JPSS CGS to Fleet Numerical Meteorology and Oceanography Center (FNMOC) ICD
474-00423	JPSS CGS to Government Resource for Algorithm Verification, Independent Testing, and Evaluation Suite (GRAVITE) ICD
474-00428	JPSS CGS to Attitude Ground System (AGS) ICD
474-00448-02-01	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the Common Algorithms
474-00448-02-02	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the ATMS RDR/TDR/SDR
474-00448-02-03	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the CrIS RDR/SDR
474-00448-02-04	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the OMPS Total Column RDR/SDR
474-00448-02-05	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the OMPS Nadir Profile RDR/SDR
474-00448-02-06	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for VIIRS RDR/SDR
474-00448-02-08	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the Geolocation and Spacecraft Orientation

Document Identification	Document Title
474-00448-02-09	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the CERES RDR
474-00448-02-26	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the VIIRS Imagery
474-00448-02-28	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the OMPS Limb RDR
474-00448-02-30	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the AMSR-2 RDR
474-00448-02-31	Joint Polar Satellite System (JPSS) Algorithm Specification Volume II: Data Dictionary for the AMSR-3 RDR
474-00562	JPSS CGS Services Interface Description Document (IDD)
474-00565	JPSS Command, Control, and Communications Segment (C3S) to Interface Data Processing Segment (IDPS) ICD
474-00567	JPSS CGS to CGS Support Nodes (CSN) ICD
474-01640	JPSS Ground Project (GP) to Flight Project (FP) ICD
474-01759	JPSS CGS to European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) Polar System (EPS) - Second Generation (SG) ICD
474-01938	Joint Polar Satellite System (JPSS) Ground System (GS) to Office of Satellite and Product Operations (OSPO) Secure File Exchange (SFE) Server Interface Requirements and Control Document (IRCD)
474-CDRL-01183	JPSS Flight Vehicle Test Suite (FVTS) Ground Link Simulator (GLS) Internal ICD
474-CDRL-01619	JPSS CGS Internal Services ICD

3 CONVENTIONS

3.1 Interface Mnemonic Definition

Interfaces are named and numbered in accordance with the JPSS Interface Mnemonic Definition. Figure 3.1-1, JPSS Interface and Service Mnemonic Definition, describes the structure for the Interface Mnemonic naming convention. All physical and logical interfaces are defined and constructed in accordance with Table 3.1-1, JPSS Interface and Service Mnemonic Description.

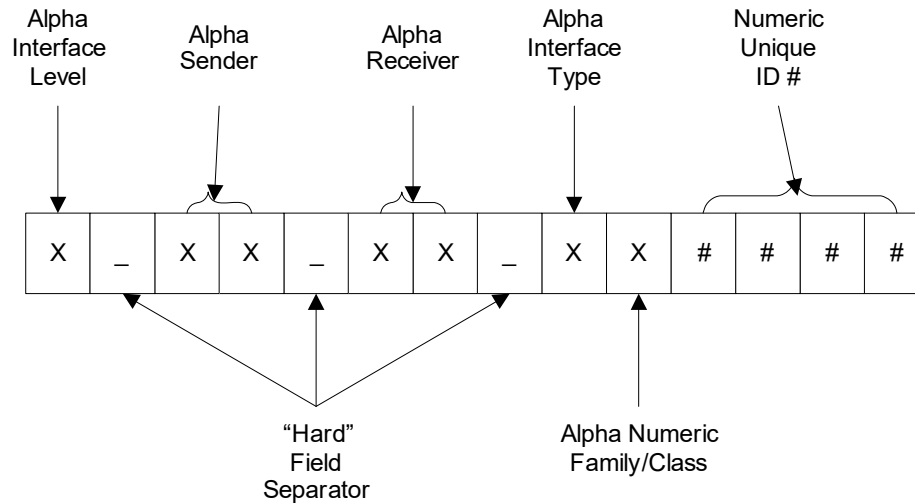


Figure 3.1-1. JPSS Interface and Service Mnemonic Definition

Table 3.1-1. JPSS Interface and Service Mnemonic Description

Field Position	Value	Range	Comments
1	Alpha	R = Intra-Segment T = Inter-Segment X = External	Defines the level of the interface. Should an interface be both internal and external, the external indicator takes precedence.
2	_	"_" (Underscore)	Separator between interface level and Sender.
3-4	Alpha	Table 3.1-2, Interface Sender and Receiver Designator	Two letter symbol denoting the Sender in the interface. See Table 3.1-2, Interface Sender and Receiver Designator, for a complete list of two-letter designators.
5	_	"_" (Underscore)	Separator between Sender and Receiver
6-7	Alpha	Table 3.1-2, Interface Sender and Receiver Designator	Two letter symbol denoting the Receiver in the interface. See Table 3.1-2, Interface Sender and Receiver Designator, for a complete list of two-letter designators.
8	-	"-" (Hyphen)	This is a hard field separator.

Field Position	Value	Range	Comments
9	Alpha	P = Physical Interface L = Logical Interface S = Service	Defines the type of interface or service.
10	Alpha-Numeric	A – Z, 0 – 9	Optionally used to add further definition to the mnemonic. See Table 3.1-3, Family/Class Identifiers, for a list of optional mnemonic identifiers. If this convention is not used, the sequential numbering described directly below (definition for fields 11-14) is used for this field.
11-14	Numeric	0000 – 9999	Sequential number of the interface starting at zero (to include family/class interfaces) and increment sufficiently (e.g., 10) to allow additional interfaces to be inserted as appropriate. These field positions can be augmented by field position 10, if it is not being used for detailed mnemonic definitions.

Table 3.1-2, Interface Sender and Receiver Designator provides the two-letter designator for the sender/receiver of the respective interfaces. The sender/receiver can be a location/site, segment, or hardware/equipment classification.

Table 3.1-2. Interface Sender and Receiver Designator

S/R Identifier	Identifier Description
AD	Comprehensive Large Array-data Stewardship System (CLASS)
AF	557 th Weather Wing
AG	Attitude Ground System (AGS)
AN	External Ancillary Data Sources
AT	Advanced Technology Microwave Sounder (ATMS)
AU	Aurora Support Node
BA	Ball Aerospace Technology Corporation (BATC)
BL	Belrose / Lockridge / Bayswater / Mawson Lakes
C3	Command, Control and Communications Segment (C3S)
CA	NASA Conjunction Assessment Risk Analysis (CARA)
CB	CBU
CG	JPSS Common Ground Systems (CGS)
CN	CGS Support Node (CSN)

S/R Identifier	Identifier Description
CR	Cross-track Infrared Sounder (CrIS)
CV	Government Resource for Algorithm Verification, Independent Testing, and Evaluation (GRAVITE)
DC	Advanced Data Collection System (A-DCS)
DP	Interface Data Processing Segment (IDPS)
DS	Darmstadt Site
EA	Enterprise Automated Schedule Implementation (EASI)
ES	NESDIS ESPC
EU	EUMETSAT
FB	Fairbanks Command and Data Acquisition Station (FCDAS)
FC	Suitland Federal Complex
FD	Flight Dynamics Facility (FDF)
FN	Fleet Numerical Meteorology and Oceanography Center (FNMOC)
GL	Ground Locations
GM	Ground Project Mission Support Tools (MST)
IN	Indianapolis support Node
JP	Joint Polar Satellite System (JPSS)
JS	JPSS Flight Vehicle Test Suite
KO	KSAT TrollSat
KS	KSAT SvalSat
KT	KSAT TNOC
LA	Long Term Monitoring (LTM) Support Node
LS	Launch Support Segment (LSS)
MC	McMurdo Site
MS	Mission Support Capability
NC	NSF-Centennial Site
NE	NOAA/National Environmental Satellite, Data, and Information Service (NESDIS)
NN	NOAA N-Wave
NP	Joint Polar Satellite System (JPSS)
NS	S-NPP Flight Vehicle Simulator
NU	JPSS Authorized User
NW	National Weather Service Telecommunications Gateway
OA	Orbital ATK (OATK) / Northrop Grumman
OM	Ozone Mapping and Profiler Suite (OMPS)
RS	Receptor Site
SA	Search and Rescue Satellite Aided Tracking (SARSAT)

S/R Identifier	Identifier Description
SD	Science Data Segment (SDS)
SR	NESDIS Center for Satellite Applications and Research (STAR)
SS	JPSS Space Segment
SV	Svalbard Site
VI	Visible/Infrared Imager/Radiometer Suite (VIIRS)
WS	White Sands Complex

Table 3.1-3, Family/Class Identifiers, provides a listing of the single letter designators used to define family or class associated with the interface as it pertains to a specific site/location or type of equipment/hardware.

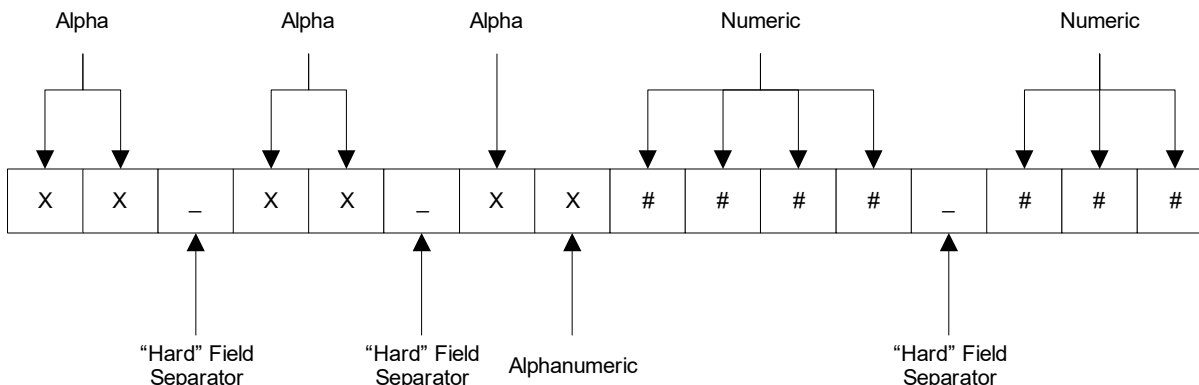
Table 3.1-3. Family/Class Identifiers

Identifier	Identifier Description
A	557 th Weather Wing
C	Department of Defense (DoD) Common
F	FNMOCC
M	MSD Server (MSDS)
N	NOAA
W	Web Server/SFTP Server

3.2 Data Mnemonics

3.2.1 Data Mnemonic Definition for Data Formats

All data that flows across the logical interfaces to the external community from JPSS is labeled with a data mnemonic. The standard data mnemonic is depicted in Figure 3.2.1-1, S-NPP/JPSS Data Mnemonic Description. Table 3.2.1-1, S-NPP/JPSS Data Mnemonic Description, provides the definition of each respective field in the data mnemonic. A logical interface can have more than one data item flowing across it, likewise, a given data item may flow across multiple logical interfaces. Therefore, each data item has its own unique data mnemonic. These data mnemonics facilitate the ability to map the data mnemonics to the logical interface mnemonics.

**Figure 3.2.1-1. S-NPP/JPSS Data Mnemonic Description****Table 3.2.1-1. S-NPP/JPSS Data Mnemonic Description**

Field Position	Value	Range	Comments
1-2	Alpha	Table 3.1-2, Interface Sender and Receiver Designator	Two letter symbol denoting the Sender/Originator of the data. See Table 3.1-2, Interface Sender and Receiver Designator, for a complete list of two-letter designators.
3	–	“–” (Underscore)	Separator between Sender and Receiver of the data
4-5	Alpha	Table 3.1-2, Interface Sender and Receiver Designator	Two letter symbol denoting the Receiver of the data. See Table 3.1-2, Interface Sender and Receiver Designator, for a complete list of two-letter designators.
6	-	“-“ (Hyphen)	This is a hard field separator.
7	Alpha	“L” = Logical “P” = Physical	Identifies the type of interface the data is transferred across.
8	Alpha Numeric	A – Z, 0 – 9	Optionally used to add further definition to the mnemonic. See Table 3.1-3, Family/Class Identifiers, for a list of optional mnemonic identifiers. If this convention is not used, the sequential numbering described directly below (definition for field 9-12) is used for this field.

Field Position	Value	Range	Comments
9-12	Numeric	0000 – 9999	Sequential numbering of the data mnemonic starting at zero and skips by 10 nominally. These field positions can be augmented by field position 8, if it is not being used for detailed mnemonic definitions.
13	-	“-“ (Hyphen)	This is a hard field separator.
14-16	Numeric	000 – 999	Numeric identifier assigned to the data.

3.2.2 Data Mnemonic Definition for S-NPP/JPSS Data Products

All data flowing across the logical interfaces to the external community from JPSS is labeled with a data mnemonic. Due to the nature of the S-NPP/JPSS Data Products, the standard data mnemonic, defined in Figure 3.2.1-1, S-NPP/JPSS Data Mnemonic Description, does not provide for a unique identifier for all S-NPP/JPSS Data Products, therefore an additional data mnemonic was created. Figure 3.2.2-1, S-NPP/JPSS Data Mnemonic for S-NPP/JPSS Data Products, depicts the construction of this data mnemonic, and Table 3.2.2-1, Description of the S-NPP/JPSS Data Mnemonic for S-NPP/JPSS Data Products, identifies the definition and content of each field in the mnemonic.

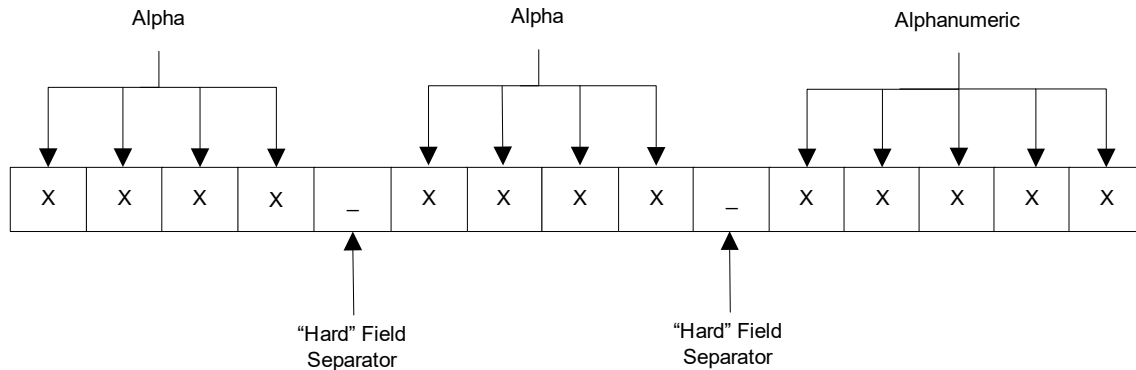


Figure 3.2.2-1. S-NPP/JPSS Data Mnemonic for S-NPP/JPSS Data Products

Table 3.2.2-1. Description of the S-NPP/JPSS Data Mnemonic for S-NPP/JPSS Data Products

Field Position	Description	Possibilities	
1-3	Data Product Type This field is a three-character identifier for the type or category of data product in the	Identifier	Description
		RDR	Raw Data Records
		EDR	Environmental Data Records

Field Position	Description	Possibilities	
	file.	IMP	Intermediate Products
		SDR	Sensor Data Records
		TDR	Temperature Data Records
		ARP	Application Related Product
		GEO	Geolocation Data
4	Data Category This character describes the data category. For all data leaving the JPSS system, this character will be an “E.”	Identifier	Description
		E	External
		I	Internal
5	Field Separator	‘ ’ _	
6-9	Data Product Designator	A 4-character identifier used for JPSS Data Product mnemonics.	
10	Field Separator	‘ ’ _	
11-15	Alphanumeric ID	A – Z, 0 – 9	

3.3 Time Conventions

3.3.1 Interface Data Processing Segment Epoch Time Format

IDPS Epoch Time (IET) is the standard for time storage within the delivered S-NPP/JPSS Data Products. (Note: IET uses the same epoch as the CCSDS epoch used by the spacecraft.) This format is used to avoid the additional processing and storage required for Coordinated Universal Time (UTC). IET is a monotonically increasing amount of Temps Atomique International (TAI) length seconds. IET is stored to microsecond accuracy as a signed 64-bit integer. Table 3.3.1-1, IET Time Format, gives specifics of this format.

Table 3.3.1-1. IET Time Format

Bit Length	Long Name	Data Element Name	Valid Range	Data Type	Notes
64	IDPS Epoch Time	IET Time	January 1, 1958 - December 31, 2137 GMT 0 – 2524608034000000*	64-bit Integer	Microseconds since EPOCH of 1 Jan 1958, 00:00:00 GMT

* The end time provided is an approximation for December 31, 2137 23:59:59. This time may turn out to be different if additional leap seconds are added in the future.

For IET, the time began on January 1, 1958 at 00:00:00 GMT (UTC). For Unix systems, the epoch began on January 1, 1970 at 00:00:00 GMT (UTC). The delta between these two is +378,691,200 seconds (12 years plus 0 leap seconds. The first leap second wasn't introduced until June 30, 1972).

3.3.2 Coordinated Universal Time Format

UTC (Note: UTC is a compromise between English (CUT) and French (TUC) acronyms.) is the standard time format in the metadata associated with the data products. This format is used because of its readability, as it is intended as a display format. This time is based on the United States Naval Observatory (USNO) Gregorian date and time. The stored format of UTC is an American Standard Code for Information Interchange (ASCII) string (ISO8601) that contains less than or equal to 27 characters. UTC can be maintained in a delimited and a non-delimited format and can have a resolution of seconds, milliseconds, or microseconds. Table 3.3.2-1, UTC Format Breakdown with Delimiters, and Table 3.3.2-2, UTC Format Breakdown without Delimiters, provide descriptions of the ASCII string (ISO 8601) implementation.

Symmetricon timing equipment displays UTC in the following formats:

<day of week> <month> <day> <hours> <minutes> <seconds> <year> UTC

<day of week> <day> <month> <year> <hours> <minutes> <seconds> UTC

where in both formats, "UTC" is optional.

Table 3.3.2-1. UTC Format Breakdown with Delimiters

Data Element Name	Valid Range or Value	Data Type	Notes
Year	1958 - 2137	char	The year
hyphen	"_"	char	Separator
Month	01 - 12	char	The month
hyphen	"_"	char	Separator
Day	01 - 31	char	Days since the beginning of the month
Separator	" "	char	Date-Time Separator
Hour	00 - 23	char	Hours since the beginning of the day
colon	":"	char	Separator
Minute	00 - 59	char	Minutes since the beginning of the hour
colon	":"	char	Separator
Second	00 - 60	char	Seconds since the beginning of the minute (includes leap seconds)
period	."	char	Separator (optional) Required if millisecond option is used
millisecond	000 - 999	char	Milliseconds since the beginning of the second (optional) Required if microsecond option is used
microsecond	000 - 999	char	Microsecond since the beginning of the milliseconds (optional)
UTC Designator	"Z"	char	Zero Meridian (optional)

Table 3.3.2-2. UTC Format Breakdown without Delimiters

Data Element Name	Valid Range or Value	Data Type	Notes
Year	1958 - 2137	char	The year
Month	01 - 12	char	The month
Day	01 - 31	char	Days since the beginning of the month
Separator	" "	char	Date-Time Separator
Hour	00 - 23	char	Hours since the beginning of the day
Minute	00 - 59	char	Minutes since the beginning of the hour
Second	00 - 60	char	Seconds since the beginning of the minute (includes leap seconds)
period	."	char	Separator (optional) Required if milliseconds option is used
millisecond	000 - 999	char	Milliseconds since the beginning of the second (optional) Required if microsecond option is used
microsecond	000 - 999	char	Microsecond since the beginning of the milliseconds (optional)
UTC Designator	"Z"	char	Zero Meridian (optional)

3.4 File-Naming Conventions

The following sections describe the conventions used to create filenames by JPSS. In general, the following guidelines are adhered to:

- The filenames contain enough information to indicate the data contained in the file.
- The filenames are intended to be human readable.
- The filename and path must be less than 256 characters. This is based on the Microsoft Windows Operating System limit which has a character limit of 260 characters in a full path from the name of the directory to the null at the end of the filename. For UNIX, the platform will accommodate filenames in a directory structure up to 1012 characters. HDF5 is limited only by the Operating System (OS) so the user needs to be aware of the directory structures used for storing the information based on their OS.
- Filename extensions are preceded by a period, '.', and are appended to the filename.
- For C3S, files created using Commercial Off-the-Shelf (COTS) or Legacy products do not necessarily follow the conventions given. For these files, the convention used is given in the File-Naming Construct field of the specific data unit format.
- All filename fields are case-sensitive for the file-naming conventions

- The possibilities for the Domain field in the different file-naming conventions are given in Table 3.4-1, Domain and Mode Identifiers.

Table 3.4-1. Domain and Mode Identifiers

Domain	Domain Description	Allowable Mode(s)	Mode Description
ops	Operations	ops, pop	ops – Operations (nominally delivered) pop – Parallel Operations (initial default)
nop	Non-Operations	nop, tst, sim	nop – Non-Operations (C3S Only) tst – Non-Operations Test (C3S Only) sim – Non-Operations Simulation (C3S Only)
int	I & T Domain	int, tst	int – Integration and Test (initial default) tst – Backup for transition testing
adr	Anomaly Duplication and Resolution	adr, tst	adr – Anomaly (initial default) tst – Backup for testing
dev	Development	dev, tst	dev – Development (initial default) tst – Backup for transition testing
tia	Technology Insertion Activities	tia, tst	tia – Technology Insertion (initial default) tst – Backup for testing
ada	Algorithm Development Activities	ada, tst	ada – Algorithm Development (initial default) tst – Backup for testing
cv#	Cal/Val Domains, # to be any chars. 0-9, a-z	cv#, tst	cv# – Cal/Val (initial default) tst – Backup for testing
t##	Temporary and Test Domains, ## to be any chars. 0-9, a-z	t##, tst	t## – Temporary and Test (initial default) tst – Backup for testing
all	ops, nop, int, adr, dev, tia, ada, cv#, and t##	ops, pop, nop, sim, int, adr, tst, dev, tia, ada, cv#, t##	ops – Operations (nominally delivered) pop – Parallel Operations (initial default) nop – Non-Operations (C3S Only) sim – Non-Operations Simulation (C3S Only) int – Integration and Test (initial default) adr – Anomaly (initial default) tst – Backup for transition testing dev – Development (initial default) tia – Technology Insertion (initial default) ada – Algorithm Development (initial default) cv# – Cal/Val (initial default) t## – Temporary and Test (initial default)

- The possibilities for the Origin field in the different file-naming conventions are given in Table 3.4-2, Origin Identifiers.

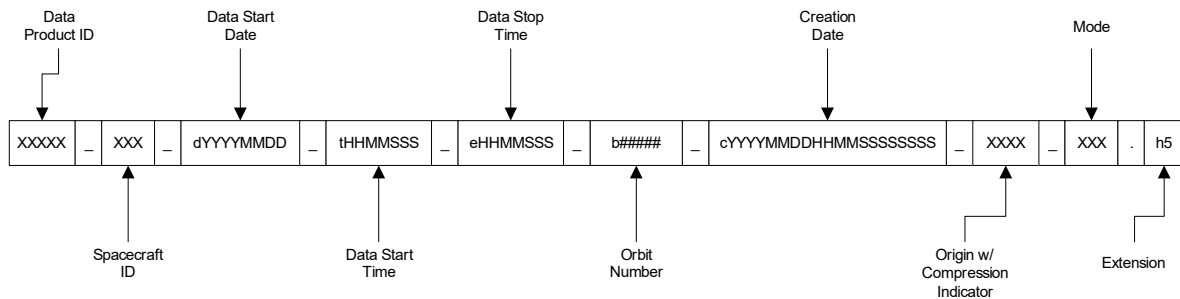
Note: For IDPS delivered data products, Auxiliary data, and delivery reports the origin field position within the filename will contain the origin identifier modified with a compression indicator ('c' is compressed and 'u' is uncompressed).

Table 3.4-2. Origin Identifiers

Identifier	Description
oea-	IDPS Operational Environment A Instance
oeb-	IDPS Operational Environment B Instance
oe*-	IDPS Operational Environment On Demand Instance (On Demand variable * = d-z)
tei-	IDPS Test Environment I&T Instance
te*-	IDPS Test Environment I&T On Demand Instance (On Demand variable * = a-h, j-z)
fes-	IDPS Factory Environment SOL Instance
fep-	IDPS Factory Environment Perf Instance
fei-	IDPS Factory Environment Integration Instance
fed-	IDPS Factory Environment Dev Instance
fe*-	IDPS Factory Environment On Demand Instance (On Demand variable * = a-c, e-h, j-o, q, r, t-z)
aea-	IDPS Algorithm Environment Instance
ae*-	IDPS Algorithm Environment On Demand Instance (On Demand variable * = b-z)
all-	All IDPs
c3s-	C3S
kst-	KSAT

3.4.1 File-Naming Convention for S-NPP/JPSS Data Products

This section describes the file-naming convention for all S-NPP/JPSS Data Products produced by JPSS. The fields are delimited by underscores and can be of variable length. The file extension is separated from the fields by a period or dot. The extension is the standard extension for defining an HDF5 file. See Figure 3.4.1-1, S-NPP/JPSS Data Products File-Naming Convention, for a graphical depiction of the convention and Table 3.4.1-1, S-NPP/JPSS Data Products File-Naming Field Descriptions. All fields are case-sensitive.

**Figure 3.4.1-1. S-NPP/JPSS Data Products File-Naming Convention****Table 3.4.1-1. S-NPP/JPSS Data Products File-Naming Field Descriptions**

Field Position	Description	Applicable Values	
1	Data Product ID This field provides a five character identifier. For multiple data products contained in the file (including diary data and geolocation data), each Data Product ID will be given, delimited by a dash, '-' and are listed in alphabetical order.	XXXXX See Appendix A, S-NPP/JPSS Data Product Collection Short Names	
2	Field Separator	' - '	
3	Spacecraft ID	Identifier	Description
		npp	S-NPP 1330 Orbit
		j01	JPSS Launch 1
		j02	JPSS Launch 2
		j03	JPSS Launch 3
		j04	JPSS Launch 4
		gw1	GCOM-W1
		ggw	GOSAT-GW
4	Field Separator	' - '	
5	Data Start Date This field is identified with a 'd' followed by the year, month, and day of the earliest granule described in the dataset of the file. This field is set based on the Beginning_Date metadata of the 1 st granule in the HDF5 file	dYYYYMMDD YYYY=2000-2030 MM=01-12 DD=01-31 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.	
6	Field Separator	' - '	

Field Position	Description	Applicable Values
7	Data Start Time (UTC) This field is identified with a 't' followed by the hour, min, sec, and tenths of seconds of the earliest granule described in the dataset of the file. This field is set based on the Beginning_Time metadata of the 1st granule in the HDF5 file	tHHMMSSS HH=00-23 MM=00-59 SS=00-60 S=0-9
8	Field Separator	' '
9	Data Stop Time (UTC) This field is identified with an 'e' followed by the hour, minutes, seconds, and tenths of seconds of the latest granule described in the dataset of the file. This field is set based on the Ending_Time metadata of the last granule in the HDF5 file	eHHMMSSS HH=00-23 MM=00-59 SS=00-60 S=0-9
10	Field Separator	' '
11	Orbit Number This field is identified with a 'b' followed by the orbit number that the dataset originated from. The orbit begins at the ascending node and the number is indicative of the earliest granule produced in the data product.	bnnnnn
12	Field Separator	' '
13	Creation Date (UTC) This field is identified with a 'c' followed by the year, month, day, hour, min, sec, and microseconds.	cYYYYMMDDHHMMSSSSSSSS YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 SSSSSS=000000-999999 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
14	Field Separator	' '

Field Position	Description	Applicable Values
15	Origin w/ Compression Indicator This field is a four-character alpha-numeric identifier which indicates the originator and compression flag of the file.	For a list of the possible identifiers for this field, see Table 3.4-2, Origin Identifiers where the “-“ in the fourth character is replaced by a compression indicator (‘c’ is compressed and ‘u’ is uncompressed)
16	Field Separator	‘_’
17	Mode Description This field is a three-character identifier which indicates the mode from which the data originated. These are the recognized mode values for JPSS.	For a list of the possible identifiers for this field, see Table 3.4-1, Domain and Mode Identifiers
18	Field Separator	‘.’
19	Extension The extension indicates the format of the file – S-NPP/JPSS Data Products are delivered in the HDF5 file format.	h5

An example of this file-naming convention with one S-NPP/JPSS Data Product packaged in a single HDF5 file is:

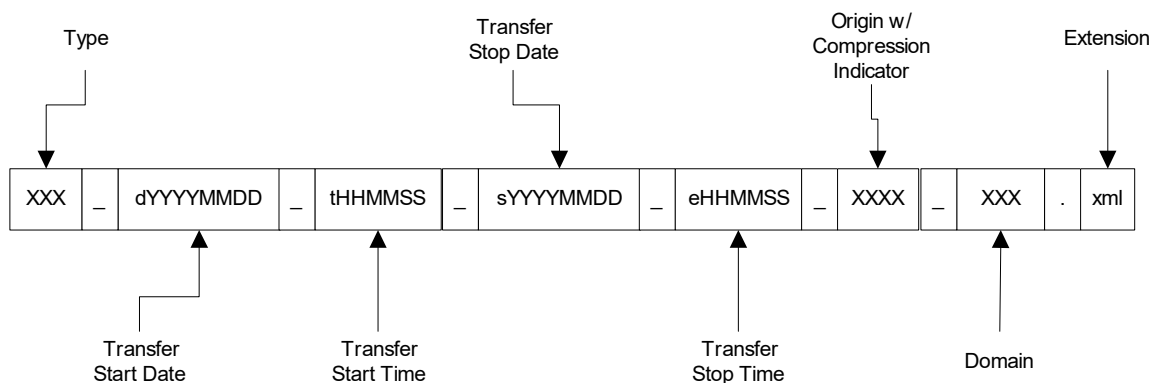
VI1BO_npp_d20030311_t1400000_e1430000_b12345_c20030311153000000000_oeau_ops.h5

An example of this file-naming convention with two S-NPP/JPSS Data Products packaged in a single HDF5 file is:

GIGTO-VI1BO_npp_d20030311_t1400000_e1430000_b12345_c20030311153000000000_oeau_ops.h5

3.4.2 File-Naming Convention for IDPS Data Formats

Figure 3.4.2-1, IDPS Data Formats File-Naming Convention, and Table 3.4.2-1, IDPS Data Formats File-Naming Field Descriptions, describe the file-naming convention used for the Data Delivery Reports and Consolidated Data Delivery Reports produced by IDPS. These filenames consist of eight fields for easy reading to the user. The fields are delimited by underscores and the file extension is separated from the fields by a period or dot. The extension is the standard extension for defining an XML file, “.xml”. All fields are generated as case-sensitive.

**Figure 3.4.2-1. IDPS Data Formats File-Naming Convention****Table 3.4.2-1. IDPS Data Formats File-Naming Field Descriptions**

Field Position	Description	Applicable Values	
		Identifier	Description
1	Type This field is a three-character identifier for the type of data product in the file.	ddr	Data Delivery Report (DDR)
		cdr	Consolidated DDR (CDDR)
2	Field Separator	' _ '	
3	Transfer Start Date This field is identified with a “d” followed by year, month and day of the last DDR sent.	dYYYYMMDD YYYY=2000-2030 MM=01-12 DD=01-31 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.	
4	Field Separator	' _ '	
5	Transfer Start Time (UTC) Field is identified with a “t” followed by hour, min and sec. The start time is based on the end time of the previous DDR sent when applicable.	tHHMMSS HH=00-23 MM=00-59 SS=00-60	
6	Field Separator	' _ '	

Field Position	Description	Applicable Values
7	Transfer Stop Date This field is identified with an “s” followed by year, month and day of the latest file described in the list or the date when the configurable amount of time has elapsed.	sYYYYMMDD YYYY=2000-2030 MM=01-12 DD=01-31 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
8	Field Separator	‘ _ ’
9	Transfer Stop Time (UTC) Field is identified with an “e” followed by hour, minutes, and second. The stop time is based either on the configurable time set or on the latest file sent after the number of configurable files have been delivered.	eHHMMSS HH=00-23 MM=00-59 SS=00-60
10	Field Separator	‘ _ ’
11	Origin w/ Compression Indicator This field is a four-character alphanumeric identifier which indicates the originator and compression flag of the file.	For a list of the possible identifiers for this field, see Table 3.4-2, Origin Identifiers at the beginning of this section where the “-“ in the fourth character is replaced by a compression indicator (‘c’ is compressed and ‘u’ is uncompressed) . Note: The DDR and CDDR reports are always delivered uncompressed.
12	Field Separator	‘ _ ’
13	Domain This field is a three-character identifier to further describe the origination of the file. These are the recognized domain values for JPSS.	For a list of the possible identifiers for this field, see Table 3.4-1, Domain Identifiers at the beginning of this section.
14	Field Separator	‘.’

Field Position	Description	Applicable Values
15	Extension The extension indicates the format of the file	xml

An example of this file-naming convention is:

ddr_d20100819_t113029_s20100819_e113529_oeau_ops.xml

3.4.3 C3S Common Filename Fields

This section describes the common filename fields used for C3S data formats. Table 3.4.3-1, C3S Common Filename Fields, lists the fields that may be used to define a particular filename. The file-naming structure for each data format is documented in the File-Naming Construct field within each data format definition.

Table 3.4.3-1. C3S Common Filename Fields

Field Name	Mnemonic/size	Data Range	Description
Spacecraft ID	SSS	npp j01 j02 j03 j04 gw1 ggw o47 o48 o49 o51 o52 o53 o54 171 275 tde tds tdw cmn	Identifies the spacecraft (i.e., NPP, JPSS, GCOM, GOSAT, DMSP) for which the data applies. 'cmn' should be used when the data in the file is not spacecraft specific
Mode	XXX	Variable For a list of the possible identifiers for this field, see Table 3.4-1 Domain and Mode Identifiers.	Identifies the mode from which the data originated.

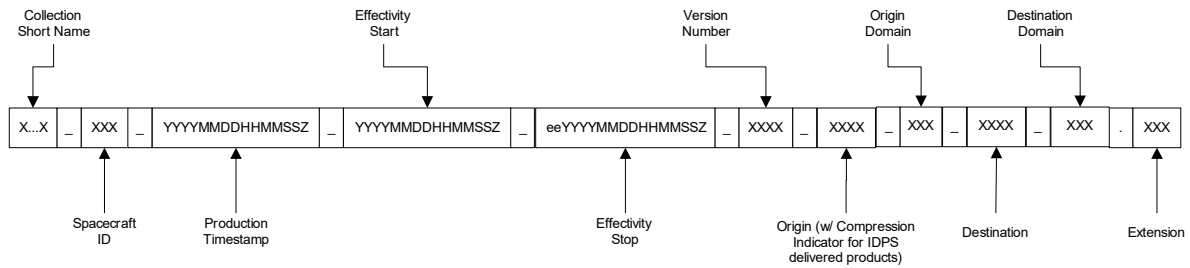
Field Name	Mnemonic/size	Data Range	Description
Type	TTTTT	att – Attitude data set clcw – Command Link code Word dar – Data Accountability Report das – Detailed Activity Schedule eap – Extended Application Packet eapdr – EAP Delivery Report elf – EAP log file eoc – End of Contact eph – Ephemeris etr – EVCDU Tracking Report evcd� – EVCDU gps – GPS data set grq – Ground Retransmit Request his – History file mnf – Manifest Files mnv – Maneuver data set mssc – Mission Schedule sccdu – Spacecraft Configuration Database Updates scdu – Spacecraft Database Update srq – Spacecraft Retransmit Request ssr – Solid-State Record files	Three to five-character field that defines the data type. Each Subsystem should provide its own unique types.
Tool	BBB	arf - Antenna/RF sge – SMD Ground Equipment cep – Command Encryption Processor chw - Computer Hardware dcp – Data Conversion and Provision jsh – JPSS SMD Hub ems - Enterprise Management gos - Ground Operations hlm - HRD Link Monitoring inr - I/F and Routing mms - Mission Management pst – Payload Support Tool bvs - NPP FVS (B is for Ball) oos - Orbit Operations tge – T&C Ground Equipment clg - Satellite Operations Command Load Generation ecl - Satellite Operations Telemetry and Command or Stored Telemetry Analysis ECLIPSE™ Component evl - Stored Telemetry Analysis Evaluation Component	Three-character field identifying the subsystem that created the data.

Field Name	Mnemonic/size	Data Range	Description
Year, Month, Day	YYYYMMDD	YYYY=2005-2030 MM=01-12 DD=01-31	ASCII representation of the year, month, and day
Hours, Minutes, Seconds	HHMMSS	HH=00-23 MM=00-59 SS=00-60	ASCII representation of the hours, minutes, and seconds
Milliseconds, Microseconds	MMMuuu	000000 through 999999	ASCII representation of the milliseconds and microseconds within the current second
Extension	.ext	html xml txt doc log ctl rev eph tle	Non-standard extensions are permitted if, and only if, the file contains only binary data.

3.4.4 File-Naming Convention for Auxiliary Data Formats

Auxiliary data is defined as data, other than data included in the sensor application packets, which is produced internally by JPSS, and is used to produce the Official S-NPP/JPSS Data Products. The auxiliary data documented in the CDFCB-X are only those files that are delivered to external users of JPSS. The file-naming convention for delivered auxiliary files is shown in Figure 3.4.4-1, Auxiliary File-Naming Convention. The list of possible Collection Short Names is provided in Appendix B, S-NPP/JPSS Auxiliary Data, Ancillary Data, Reports, and Messages Collection Short Names.

This convention consists of fields, which are delimited by underscores ('_'), and a field containing the file extension, which is delimited by a dot ('.'). Table 3.4.4-1, Auxiliary File-Naming Convention Description, provides the field descriptions for this convention. All fields are case-sensitive. See CDFCB-X Vol. 6, Section 3.0 Auxiliary Data Formats and subsections for file-naming specifics for each data type.

**Figure 3.4.4-1. Auxiliary File-Naming Convention****Table 3.4.4-1. Auxiliary File-Naming Convention Description**

Field Position	Description	Applicable Values
1	Collection Short Name This field provides the descriptive name of the data.	This name is designated by the Collection Short Name, as given in Appendix B of the CDFCB-X, Vol. 1, 474-00001-01.
2	Field Separator	‘ ’ —
3	Spacecraft ID The identifier of the spacecraft (i.e., NPP, JPSS, GCOM, GOSAT, DMSP) for which the data is specified. “cmn” should be used when the data in the file is not spacecraft specific.	npp j01 j02 j03 j04 gw1 ggw o47 o48 o49 o51 o52 o53 o54 171 275 tde tds tdw cmn
4	Field Separator	‘ ’ —

Field Position	Description	Applicable Values
5	Production Timestamp (UTC) The date/time at which the AUX data file was created. The field is in years, months, days, hours, minutes, and seconds and is appended with a 'Z'. This may also serve as the Version Number of the File for C3S provided data.	YYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
6	Field Separator	' '
7	Effectivity Start (UTC) The date/time of the start of the useful temporal range of the data. The field is in years, months, days, hours, minutes, and seconds and is appended with a 'Z'. May be same as Production Date/Time stamp.	YYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
8	Field Separator	' '
9	Effectivity Stop (UTC) The field indicates the effectivity stop time by giving the year, month, day, hour, minutes, and seconds. The timestamp is prepended with 'ee' (effectivity end) and is appended with a 'Z'. If the stop time does not apply to a particular file, then ee00000000000000Z is used.	eeYYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
10	Field Separator	' '

Field Position	Description	Applicable Values
11	Version Number 50 characters or less (alphanumeric or dash) between field separators. Version Number is a required field. If it is not used, a dash must be inserted. The version number is intended for designating a particular version of an auxiliary file. The version number may begin with an optional Provenance Version Identifier which, if used, must be the first part of the Version Number field. The Provenance Version Identifier begins with "PS-" and ends with "-PE" and is not read by IDPS software. Other version information may follow the Provenance Version Identifier; in that case there must be a hyphen "-" after the Provenance Version Identifier.	Variable-length field, not to exceed 50 characters. Alphanumeric and/or dash only. Provenance Version Identifier (if present): PS-<version information>-PE
12	Field Separator	‘ ’ _
13	Origin (/w compression indicator for IDPS delivered AUX) This field is a four-character alpha-numeric identifier. For IDPS delivered AUX, the four-character alpha-numeric identifier in the delivered file name indicates for the originator and a compression flag.	For a list of the possible identifiers for this field, see Table 3.4-2, Origin Identifiers at the beginning of this section. For IDPS delivered AUX, the “-“ in the fourth character is replaced by a compression indicator (‘c’ is compressed and ‘u’ is uncompressed) in the delivered file name. Note: IDPS delivered native files (e.x. Data Production Report) are always delivered uncompressed.
14	Field Separator	‘ ’ _
15	Origin Domain The three-character identifier of C3S or the IDP domain that is distributing the auxiliary data. These are the recognized domain values for JPSS.	For a list of possible identifiers for this field, see Table 3.4-1, Domain Identifiers, at the beginning of this section.
16	Field Separator	‘ ’ _
17	Destination The identifier of the destination IDP/FT that is to use the auxiliary data. If the destination does not apply to a particular file, then ‘all-‘ should be used.	For a list of the possible identifiers for this field, see Table 3.4-2, Origin Identifiers at the beginning of this section. Note: When the destination is the factory floor this field position value is '0000' and not a value from Table 3.4-2.
18	Field Separator	‘ ’ _

Field Position	Description	Applicable Values
19	Destination Domain The three-character identifier of the destination IDP domain that is to use the auxiliary data. These are the recognized domain values for JPSS. If the destination domain does not apply to a particular file, then ops should be used.	For a list of the possible identifiers for this field, see Table 3.4-1, Domain Identifiers, at the beginning of this section.
20	Field Separator	‘.’
21	Extension This field designates the file’s format.	h5 xml txt htm html tiff gif bin dmp gz zip dat csv oem

An example of this file-naming convention with Version Number only (no Provenance Version Identifier) is:

Mission-Schedule-
AUX_npp_20100305131533Z_20100306140000Z_ee20100307140002Z_1000323_c3su_ops_al
l_ops.xml

An example of the Auxiliary File-Naming Convention with a Provenance Version Identifier followed by other version information:

OMPS-TC-MACROTABLE-GND-
PI_j01_20170327000000Z_20170220000000Z_ee00000000000000Z_PS-CCR-3323-001-PE-
V101-001_all-all_ops.bin

Notice how in the above OMPS TC Macro Table PI example, there is additional version information appended to the Provenance Version Identifier, specific to certain OMPS Processing Coefficient or Ground Table files, which is delimited by a '-'. This version information is read by IDPS software.

An example of the Auxiliary File-Naming Convention with a Provenance Version Identifier not followed by other version information:

VIIRS-SDR-DNB-DN0-

LUT_npp_20170329000000Z_20170328000000Z_ee00000000000000Z_PS-1-O-CCR-3356-r063-LE-PE_all-_all_all-_ops.bin

3.4.5 File-Naming Convention for Ancillary Data Formats

Ancillary files coming into the system through the IDPS are retrieved from a variety of sources. Since each source uses its own file-naming convention, the convention shown in Figure 3.4.5-1, Ancillary File-Naming Convention, is used to re-name these files. The re-naming of the filenames will take place at the IDPS, a single point of entry into the system, in order to avoid cascading changes when conventions from the external sources change and for consistency within the system. The CGS Support Node (CSN) updates the Static Ancillary Data filenames that are provided by IDPS in accordance to this specification.

Appendix B, S-NPP/JPSS Auxiliary Data, Ancillary Data, Reports, and Messages Collection Short Names, maintains the listing of Collection Long Names to Collection Short Names for compliance with the file-naming convention as shown in Figure 3.4.5-1, Ancillary File-Naming Convention.

This convention consists of fields which are delimited by underscores ('_'), and a field containing the file extension, which is delimited by a dot ('.'). Table 3.4.5-1, Ancillary File-Naming Convention Description, provides the field descriptions for this convention. All fields are case-sensitive.

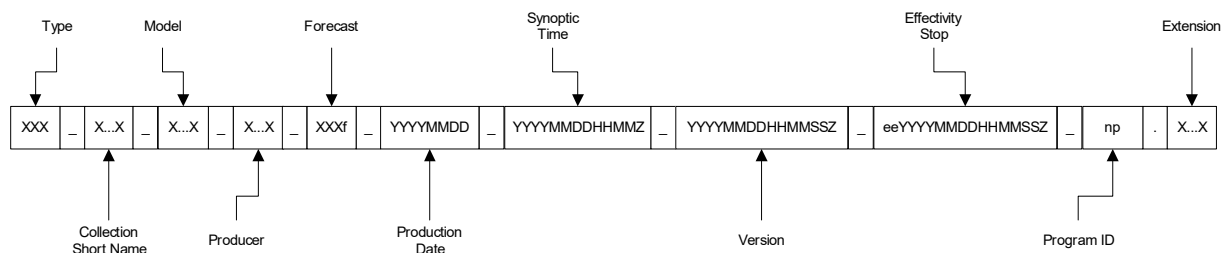


Figure 3.4.5-1. Ancillary File-Naming Convention

Table 3.4.5-1. Ancillary File-Naming Convention Description

Field Position	Description	Applicable Values	
1	File Type	Identifier	Description
		off	Official Ancillary Data File
2	Field Separator	' _ '	
3	Collection Short Name This field provides the descriptive name of the data.	This name is designated by the Collection Short Name, as given in Appendix B of the CDFCB-X, Vol. I, 474-00001-01.	
4	Field Separator	' _ '	

Field Position	Description	Applicable Values	
5	Model The ancillary data generation model name	Identifier	Description
		Ser7	This is the weekly international Earth Rotation Services (IERS) Finals2000 (All)
		Static	Static Ancillary Data
6	Field Separator	' _ '	
7	Producer Source Organization that produced the data file	Identifier	Description
		JPL	Static
		USNO	Static (Leap seconds) Dynamic (Ser7)
8	Field Separator	' _ '	
9	Forecast Time This field identifies the forecast time for the data file – if the data file is an analysis (e.g., there is no forecast time), then the forecast time is '000f.' The time is in hours and is appended with an 'f.'	HHHf 000f – 036f	
10	Field Separator	' _ '	
11	Production Date This field identifies the date that the data was released. Provides year, month, and day – this information is defined by the specific delivered file.	YYYYMMDD YYYY=2000-2030 MM=01-12 DD=01-31 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.	
12	Field Separator	' _ '	
13	Synoptic Time (UTC) This field identifies the model run's synoptic (collection) time for the data within the file. The field is in years, months, days, hours, and minutes and is appended with a 'Z'. The field implies the data effectivity start time for products other than model output.	YYYYMMDDHHMMZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.	
14	Field Separator	' _ '	
15	Version This field provides a timestamp representing the time of update/receive. The field is in years, months, days, hours, minutes, and seconds and is appended with a 'Z'. For Static Ancillary Data files, this field	YYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23	

Field Position	Description	Applicable Values
	provides the Provenance Version Identifier.	MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
16	Field Separator	'_'
17	Effectivity Stop (UTC) The field indicates the effectivity stop time by giving the year, month, day, hour, minutes, and seconds and is appended with a 'Z'. The timestamp is prepended with 'ee' (effectivity end). If the stop time does not apply to a particular file, then ee0000000000000Z should be used.	eeYYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
18	Field Separator	'_'
19	Program ID Identifies that this is a file from the JPSS Program	np
20	Field Separator	'.'
21	Extension This field designates the file's format.	hdfeos hdf h5 ascii bin grd dat obj gr img

Examples of this file-naming convention:

off_USNO-PolarWander-UT1-
ANC_Ser7_USNO_000f_20220128_202201280000Z_20220128001030Z_ee20220204120000Z
_np.ascii OR

off_Planet-Eph-
ANC_Static_JPL_000f_20200117_200001010000Z_20200101000000Z_ee00000000000000Z_n
p.dat

In these file name constructions, the "Production Date" (field 11) is set to the date for which the

polar wander data were produced, and the "Synoptic Time" (field 13) is set to zero Zulu (00 Z) on the "Production Date".

This file-naming convention is used for both the static and dynamic ancillary files.

Example of the Provenance Version Identifier Convention:

Static Ancillary Data: 20200123173123Z

3.4.5.1 File-Naming Convention for the IDPS Terrain Database

This section describes the file-naming convention for the various tiles of the IDPS Terrain Database, described in the CDFCB-X Vol. VI. The fields are delimited by underscores and can be of variable length. The file extension is separated from the fields by a period or dot. The extension is the standard extension for defining an HDF5 file. See Figure 3.4.5.1-1, IDPS Terrain Database File-Naming Convention, for a graphical depiction of the convention. All fields are case-sensitive.

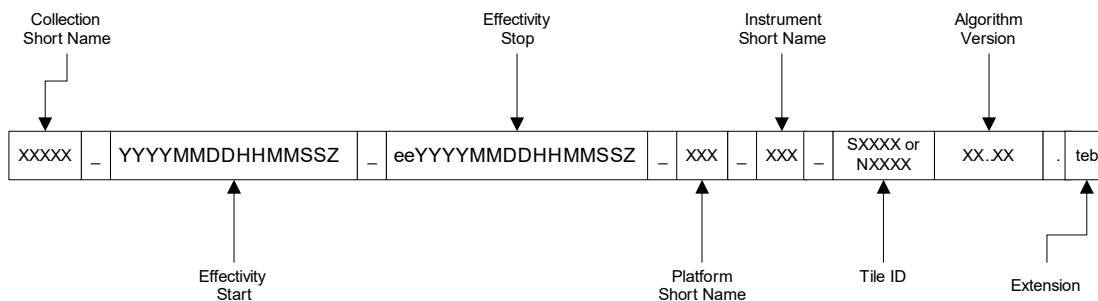


Figure 3.4.5.1-1. IDPS Terrain Database File-Naming Convention

Table 3.4.5.1-1. IDPS Terrain Database File-Naming Field Descriptions

Field Position	Description	Applicable Values
1	Collection Short Name	See Appendix A, S-NPP/JPSS Data Product Collection Short Names
2	Field Separator	' _ '
3	Effectivity Start The Date/Time of the start of the useful temporal range of the data.	YYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
4	Field Separator	' _ '

Field Position	Description	Applicable Values
5	Effectivity Stop The effective stop time of the data – this date is an anticipated date and is not intended to indicate a hard stop period. Based on expected update frequency of the tile. This field is identified with ‘ee’ prepended to the timestamp. If the stop time does not apply, the default value of ee00000000000000Z will be used.	eeYYYYMMDDHHMMSSZ YYYY=2000-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60 Note: IDPS will use the year 1958 as a Fill Value when the year cannot be determined.
6	Field Separator	‘ ’ _
7	Platform Short Name The identifier of the spacecraft for which the data is specified. This field is a placeholder for future use.	NA
8	Field Separator	‘ ’ _
9	Instrument Short Name The identifier of the sensor for which the data is specified. This field is a placeholder for future use.	NA
10	Field Separator	‘ ’ _
11	Tile ID The tile identifier for the particular tile	SXXXX or NXXXX S0000 – S1023 N0000 – N1023
12	Field Separator	‘ ’ _
13	Algorithm Version The version of the algorithm used to generate the tile	Variable string of no more than 30 characters A mixture of letters, ‘A-Za-z’, numbers, ‘0-9’, “.” periods/punctuation, and hyphens, ‘-‘
18	Field Separator	‘.’
19	Extension The extension indicates the format of the file – the IDPS Terrain Database files are delivered as teb files.	teb

An example of this file-naming convention with is:

Terrain-Eco-ANC-Tile_20120402063415Z-ee00000000000000Z_NA_NA_N1014_I2-34-253.teb

3.4.6 File-Naming Convention for JPSS Data Product Profiles

JPSS Data Product Profiles are XML files developed for rendering in the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms in order to provide a consistent representation of the various S-NPP/JPSS Data Products. These XML files, in addition to the JPSS SRS Data Dictionaries, are also made available to the community via the JPSS Documentation Release Packages, see Section 3.4.11, JPSS Release Packages. Specifically, the JPSS Data Product Profiles are used to describe the SDRs, TDRs, IPs, EDRs, and Geolocation products.

The S-NPP/JPSS Data Products contain an HDF5 attribute, at the granule level, named N_JPSS_Document_Ref (see the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, for the complete set of metadata and their associated definitions). This element provides the filename of the applicable JPSS Algorithm Specification Data Dictionary: see Section 3.4.10, JPSS Documentation File-Naming Convention for the convention details. Since the JPSS Algorithm Specification Data Dictionaries must be updated to reflect any changes made to a JPSS Data Product Profile XML file, the filename of these profiles is synchronized with filename of the appropriate JPSS Algorithm Specification Data Dictionary. The convention for these files is provided in Figure 3.4.6-1, JPSS Data Product Profile File-Naming Convention Definition. Table 3.4.6-1, JPSS Data Product Profile File-Naming Convention Description, provides the field descriptions for this convention. Notice that the first three fields of this convention are taken directly from the file-naming convention for the JPSS Documentation.

Document	_	Name	_	Revision	_	CSN	-PP	.	Ext
----------	---	------	---	----------	---	-----	-----	---	-----

Figure 3.4.6-1. JPSS Data Product Profile File-Naming Convention

Table 3.4.6-1. JPSS Data Product Profile File-Naming Convention Description

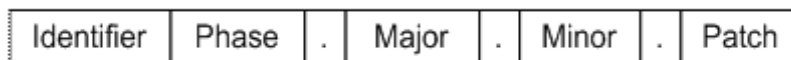
Field Position	Description	Applicable Values
1	Document Number Number specified by NASA JPSS Configuration Management	<Doc Number>-<Vol.>-<Pt.> <Doc Number> = 3 digit number “-“ and a 5 digit number <Vol.> = 2 digit number (optional) <Pt.> = 2 digit number (optional)
2	Field Separator	‘ ’ _
3	Name This is the Collection Short Name associated with the relevant JPSS Algorithm Specification Data Dictionary.	Alphanumeric See the JPSS Algorithm Specification for the Common Algorithms, Vol II Data Dictionary, 474-00448-02-01, Appendix B for applicable Collection Short Names for the JPSS Algorithm SRS Parts.

Field Position	Description	Applicable Values
4	Field Separator	‘ ’ _
5	Revision Number Block designator and Revision designation of the document. Block Designator contains the Block number to 3 levels. Revision designation will contain major and minor revision fields	Rev Number Block designator: XYZ X = 1 st level Block number (with leading zero if <10) (2 digit: value 00-99) Y = 2 nd level Block number (leading zeros not included) (1 digit: value 0-9) Z = 3 rd level Block number (leading zeros not included) (1 digit: value 0-9) Revision designation: MN M = Revision letter or “-” N = minor revision number (optional, only if applicable)
6	Field Separator	‘ ’ _
7	Product Collection Short Name (CSN) The CSN of the product that is described in the JPSS Data Product XML file	See Appendix A for the list of applicable Product Collection Short Names
8	Product CSN Suffix This suffix is provided to clearly indicate in the filename that the contents of the file contain an JPSS Data Product Profile	-PP
9	Field Separator	‘.’
10	Extension The appropriate file type extension for the file.	xml

The metadata of a particular S-NPP/JPSS Data Product, for example the CrIS IR Ozone IP, would contain the filename of the related release of the JPSS Algorithm Specification Data Dictionary and the JPSS Data Product Profile via the N_JPSS_Document_Ref metadata attribute. In addition to the metadata of the S-NPP/JPSS Data Products, a correlation between the JPSS Data Product Profiles and the JPSS Algorithm Specification Data Dictionary volumes can be made using the revision number in the filename of the relevant JPSS Algorithm Specification Data Dictionary volume.

3.4.7 S-NPP/JPSS Software Versioning

Figure 3.4.7-1, JPSS Software Versioning Convention, and Table 3.4.7-1, JPSS Software Versioning Convention Field Description, describe the Software Versioning convention used for JPSS software releases. Most fields are delimited by a period. See Figure 3.4.7-1, JPSS Software Versioning Convention, for an illustration of the convention.

**Figure 3.4.7-1. JPSS Software Versioning Convention****Table 3.4.7-1. JPSS Software Versioning Convention Field Description**

Field Position	Description	Applicable Values
1	Identifier Variable length field from 1-11 characters.	Alphanumeric Example: I
2	Phase Phase of development that the particular software build was created in.	0 – 5
3	Field Separator	‘.’
4	Major This is the last major release of the software prior to the software’s transfer to the JPSS Sustainment.	0 – 9
5	Field Separator	‘.’
6	Minor The value for the minor release of the software is 00 for all development releases and non-zero for all operational releases. This value is sequential and is incremented for full releases. This field is reset to 00 for each major release.	00 – 99
7	Field Separator	‘.’
8	Patch This value represents incremental releases. This field is reset to 00 for each major release.	00 – 99

A software release indicates that a particular software build has been released to the operational JPSS environment and delivered to the external community. A software release includes all executables (for operational sites) or source code (for CLASS). All patches to a software release need to be applied in order.

For example, if the last major build released to JPSS Sustainment is I1.5, then:

- The initial release, first full sustainment release of this software to the operational environment (and the external community) would be I1.5.01.00
 - o I – Identifier
 - o 1 – Phase

- o 5 – Major
 - o 01 – Minor
 - o 00 – Patch
- The first patch to software, released to the operational environment (and the external community) would be I1.5.01.01
 - o I – Identifier
 - o 1 – Phase
 - o 5 – Major
 - o 01 – Minor
 - o 01 – Patch
- The second full sustainment release of this software would be I1.5.02.00
- The fourth patch to the third full sustainment release of this software would be I1.5.03.04

3.4.8 Version Description Document File-Naming Convention

A Version Description Document (VDD) describes the contents of a Release Package and provides the following information, when applicable:

- Reference Documents - Lists the number, title, revision, and date of all documents referenced. This section also identifies the source for all documents not available through normal Government stocking activities.
- Inventory of Materials Released - Identifies numbers, titles, abbreviations, dates, version numbers, and release numbers, as applicable, all physical media and associated documentation that make up the Release Package. This section also includes applicable security and privacy considerations for these items, safeguards for handling them, such as concerns for static and magnetic fields, as well as instructions and restrictions regarding duplication and license provisions. Includes a list of the files by filename, size, and Message Digest 5 (MD5) Algorithm Checksum.
- Inventory of Software Contents – Identifies the contents included in a Software Release Package. Includes a list of the files by filename, size, and Message Digest 5 (MD5) Algorithm Checksum.
- Change Installed - Lists all changes included in the Release Package since the previous version release. If change classes have been used, such as the Class I/Class II, the changes shall be separated into these classes. This section also identifies, as applicable, the problem reports, change proposals, and change notices associated with each change and the effects, if any, on system operations and on interfaces with other hardware and software. This section does not apply to an initial release.
- Adaptation Data - Identifies or references all site unique data (i.e., IDPS configuration guides) contained in the Release Package, if applicable. For Release Packages after the initial release, this section describes only changes made since the previous release.
- Related Documents - Identifies numbers, titles, abbreviations, dates, version numbers, and release numbers, as applicable, of all documents pertinent to the Release Package which are not included in the specific package.
- Installation/Deployment Instructions – Lists each piece of software and provides the steps to load the software and any extra instructions needed for setup/configuration, as applicable. Includes the following subsections:

- o Software Install Instructions
- o System Requirements
- o Commercial Off The Shelf (COTS) Versions
- o Changes and Site Unique Adaptations
- o Security, Privacy, and Safety
- o Installation Check
- o Point of Contact
- Significant Problems and Known Errors - Identifies any significant problems or known errors with the contents of the Release Package at the time of release, any steps being taken to resolve the problems or errors, and instructions (either directly or by reference) for recognizing, avoiding, correcting, or otherwise handling each one. The information presented shall be appropriate to the intended recipient of the Release Package.
- Algorithm Version – Provides insight into specific changes that have been made to the IDP software. The VDD provides a list of each software algorithm and its current corresponding version by way of an Algorithm Version Lineage Table, for an example see Table 3.4.8-1, Algorithm Version Lineage Table Example. The description field lists the Problem Change Request (PCR), Jira Objective, Features, or Stories, and Tech Memos relative to a given algorithm update. Each algorithm will have its own Algorithm Lineage file which includes the history of the algorithm included in the software distribution. The naming convention of the Algorithm Lineage file is defined in Section 3.4. This information is correlated with the S-NPP/JPSS Data Products via the metadata element N_Algorithm_Version, see the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for the definition of this element.
- Notes - Contains any general information that aids in understanding the document (e.g., background information, glossary, rationale). Includes an alphabetical listing of acronyms, abbreviations, and their meanings as used and a list of any terms and definitions needed in addition to the JPSS Acronyms and JPSS Glossary.

Table 3.4.8-1. Algorithm Version Lineage Table Example

Field Name	ID	Description
Phase	1	1
Category ID	O	Operational Version
Science ID	1	01-01-09 Drop
	2	03-15-09 Drop
	3	Full implementation of Tech Memo dated 2-2-06, implementation of paragraph 1b of 2-12-06 memo
Software ID	1	Initial Operational version
	2	PCR 1000: bug fix xxxxx

Field Name	ID	Description
	3	PCR 1100: bug fix yyyyy

The VDD is provided in a Microsoft Office XML format. Each file listing is provided with the full path as provided by the installation of the Release Package. These listings are prefixed with the phrase, “file::” and are followed by their respective checksums. An example of this is:

file::id83FX1LEkiT4QjfSan40wFkw92LMeo4 /IDPS/I1.4.00.04/rhel/Makefile

VDDs accompany every Release Package delivered from JPSS. These files are both included in the Release Packages as well as accompanying them as a separate file. See Section 3.4.11, JPSS Release Packages, for more information about Release Packages. Figure 3.4.8-1, Version Description Document File-Naming Convention, and Table 3.4.8-1, Version Description Document File-Naming Convention Field Description, describe the file-naming convention used for VDDs. These documents contain a list of the entire configuration that represents the last full delivery plus all patches, in their correct order.

JPSS-VDD	_	Release Identifier	_	Release Date	_	SW Version	.	Ext
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Figure 3.4.8-1. Version Description Document File-Naming Convention

Table 3.4.8-2. Version Description Document File-Naming Convention Field Description

Field Position	Description	Applicable Values
1	JPSS Version Description Document (VDD) Static string indicating that this file is a Version Description Document	JPSS-VDD
2	Field Separator	‘ ’ _
3	Release Identifier Identifies the type of Release Package that the given VDD is associated with.	JPSS-Software-RP JPSS-Supporting-Data-RP JPSS-Documentation-RP JPSS-Test-Data-RP
4	Field Separator	‘ ’ _
5	Release Date The date that the software is released for delivery to the external community. The date does not indicate the effectivity of the software. The release date of the VDD is the same as the package release date.	YYYYMMDDHHMMSS YYYY=2005-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59 SS=00-60

Field Position	Description	Applicable Values
6	Field Separator	‘ _ ’
7	Software (SW) Version The full versioning of the JPSS Software	See the Section 3.4.7, JPSS Software Versioning
8	Field Separator	‘ . ’
9	Extension The appropriate file type extension for the document	xml

An example of a VDD filename would be:

JPSS-VDD_JPSS-Software-RP_20100801120000_I1.5.02.03.xml

3.4.9 Software Build File-Naming Convention

The JPSS Software is distributed in two ways to the community. The first method is as executable files, which are delivered only to the operational sites within the JPSS domain. The second is a Red Hat Package Manager (RPM) file containing all of the source code needed to create the S-NPP/JPSS Data Products, which is delivered to the external community. The JPSS Software contains the entire JPSS baseline. Figure 3.4.9-1, Software Build File-Naming Convention, and Table 3.4.9-1, Software Build File-Naming Convention Field Description, describe the Software Build file-naming convention used for JPSS software builds.

JPSS-Software	_	Identifier	_	Exe Identifier	_	Type	_	Release Date	-	SW Version	-	Release	.	Architecture	.	Ext
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Figure 3.4.9-1. Software Build File-Naming Convention

Table 3.4.9-1. Software Build File-Naming Convention Field Description

Field Position	Description	Applicable Values
1	JPSS Software Static string indicating that this file contains JPSS Software	JPSS-Software
2	Field Separator	‘ _ ’
3	Identifier Identifies the type of the software included in the file. The identifier IDPS is indicative of the entire JPSS software baseline (Windows and RHEL).	IDPS IDPS-Win-DDS IDPS-Win-INF IDPS-Win-DQM IDPS-RHEL IDPS-RHEL-ADA
4	Field Separator	‘ _ ’

Field Position	Description	Applicable Values
5	Executable Identifier Indicates whether the software is the source code (src) or an executable/binary (cat or cat1).	src cat cat1
6	Field Separator	'_'
7	Type The type of the software release – full	Full
8	Field Separator	'_'
9	Release Date The date that the software is released for delivery to the external community. This date does not indicate effectivity of the software.	YYYYMMDDHHMM YYYY=2005-2030 MM=01-12 DD=01-31 HH=0-23 MM=01-59
10	Field Separator	'_'
11	Software (SW) Version The full versioning of the JPSS Software	See the Section 3.4.7, JPSS Software Versioning
12	Field Separator	'_'
13	Release Indicates the number of times this version of the software has been packaged.	0 – 20
14	Field Separator	'_'
15	Architecture A shorthand name describing the type of computer hardware the packaged software is meant to run on. This field is required only for RPM files	<architecture><version>.noarch Where the architecture is that of the operating system used to create the RPM and the version is defined by the version of the operating system (when applicable) Architectures: rhel– Red Hat Enterprise Linux Example: rhel6.1.noarch
16	Field Separator	'.'
17	Extension The appropriate file type extension for the document	rpm exe

An example of a Software Build filename would be:

JPSS-Software_IDPS_src_Full_201008012259_I1.5.02.03-0-rhel6.1.noarch.rpm

3.4.10 Documentation File-Naming Convention

JPSS maintains and delivers a vast set of documents which describe the various data produced and delivered by the program. The various documents cover:

- Science Documents
- Interface Control Documents
- Software Documents
- Specifications
- System Documents

A list of the documents delivered by JPSS is maintained in the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01. Every document delivered by JPSS to the external community is given a unique filename following the convention described in Figure 3.4.10-1, Documentation File-Naming Convention and Table 3.4.10-1, Documentation File-Naming Convention Field Description.

Document Number	_	Name	_	Revision	_	SW Version	.	Ext
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Figure 3.4.10-1. Documentation File-Naming Convention

Table 3.4.10-1. Documentation File-Naming Convention Field Description

Field Position	Description	Applicable Values
1	Document Number Number specified by NASA JPSS Configuration Management	<Doc Number>-<Vol.>-<Pt.> <Doc Number> = 3 digit number “-“ and a 5 digit number <Vol.> = 2 digit number (optional) <Pt.> = 2 digit number (optional)
2	Field Separator	‘ ’ _
3	Name This is the Collection Short Name associated with this document.	Alphanumeric See the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for the applicable Collection Short Names
4	Field Separator	‘ ’ _
5	Revision Number Revision designation of the document. Revision designation may contain major and minor revision fields.	Revision designation: MN M = Revision letter or “-“ N = minor revision number (optional, only if applicable)
6	Field Separator	‘ ’ _

Field Position	Description	Applicable Values
7a	Software Version Includes the Major and Minor release of the software version of the related software release. NOTE: Software version is ONLY used in the Document Filenames in the VDD. Software Version and Handling are never used in the same filename. Documents with special handling are not made available to the public via the VDD.	Format: [Identifier][Phase].[Major].[Minor].[Patch] – based on Section 3.4.7, JPSS Software Versioning Examples: I1.5.06.02 C1.4.11.02
7b	Special Handling Any Special Handling indicator. NOTE: Special Handling is ONLY used in the Document Filenames outside of a VDD. Software Version and Special Handling are never used in the same filename. Documents with Special Handling are not made available to the public via the VDD.	SBU (replaced by CUI) ITAR FOUO (replaced by CUI) CUI_EAR (formerly EAR) CUI
8	Field Separator	‘.’
9	Extension The appropriate file type extension for the document.	doc pdf xml mdb

Example of a document filename in a VDD:

474-00001-01_JPSS-CDFCB-X-Vol-I_E.pdf

3.4.11 JPSS Release Packages

JPSS Release Packages are the method of delivery for information from JPSS to the community, both internal and external. JPSS Release Packages contain only Publicly Releasable documentation and data in order to ensure the availability of JPSS data to the public by CLASS. Every JPSS Release Package contains and is delivered with a VDD, in the form of an XML file. These VDDs provide insight into the contents of the Release Package, as well as the change information relevant to the material sent. In addition to the VDDs, the Release Packages are accompanied by an XML formatted Software and Documentation Delivery Manifest file; see the CDFCB-X Vol. VI, 474-00001-06, for its data format definition. A Release Package Installation Script is also included in the delivery of the release packages. This script is a software tool provided to aid the user in installing the Release Packages in the delivery.

There are four types of Release Packages that are sent:

- Software Release Packages
- Supporting Data Release Packages
- Documentation Release Packages
- Test Data Release Packages

JPSS Release Packages are delivered as a Full Release and consists of the four Release Packages listed above. Figure 3.4.11-1, Full Release Delivery, provides a graphical depiction of the delivery by JPSS. In the event that a file included in a Release Package has exceeded system limits, the contents of the RPM file will be split into separate RPM files in order to be packaged in the Release Package and therefore multiple RPM files may constitute a single release package. A single VDD will be provided per release package. Upon installation of a Release Package, any files that were split will be concatenated back together as part of the Release Packages install mechanism.

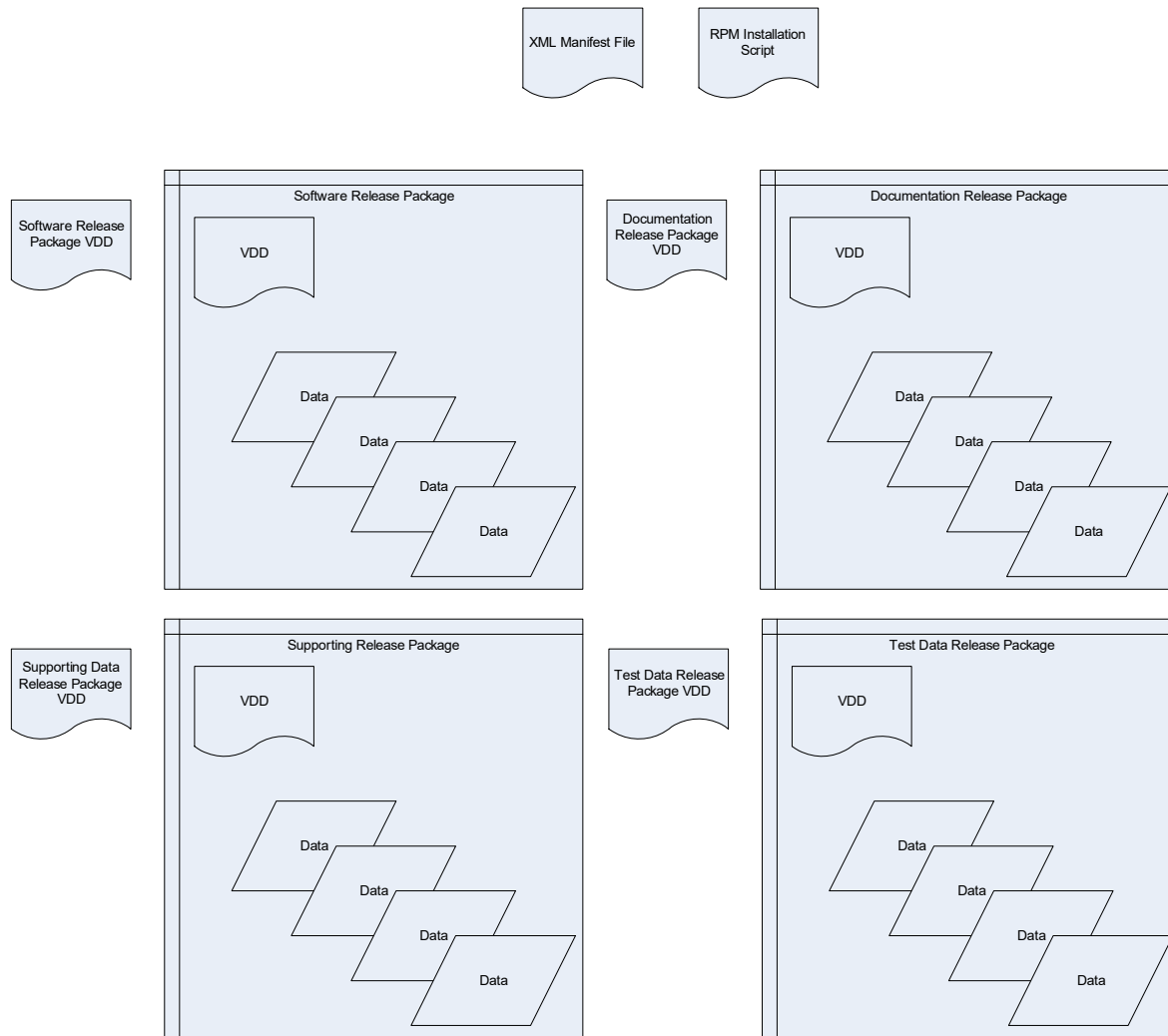


Figure 3.4.11-1. Full Release Delivery

3.4.11.1 Software Release Packages

The JPSS Software baseline is delivered via Software Release Packages. These Release Packages contain the entire JPSS baseline. Every Software Release Package includes the software version relevant to the data included in the Release Package, in the filename of the Release Package, the VDD, the Software Build Filename, and the Configuration Files. See

3.4.7, JPSS Software Versioning, for more information on the versioning convention and see Section 3.4.9, Software Build File-Naming Convention. All Software Release Packages require an increment of the software version.

Each Full Release will contain the latest version of each file in the JPSS Software baseline. The VDD will document which files have been modified and a list of all problem reports (with a mapping to the impacted source files) that have been fixed in the particular release. The RPM system is used to bundle, compress, and deliver the Software Release Packages to the external community.

The files included are listed in Table 3.4.11.1-1, Software Release Package Contents. All of the relevant files are included in the Release Package. Figure 3.4.11.1-1, Software Release Packages File-Naming Convention, and Table 3.4.11.1-2, Software Release Packages File-Naming Convention Field Description, describe the file-naming convention used for Software Release Packages.

Table 3.4.11.1-1. Software Release Package Contents

Contents	Description
VDD	VDDs accompany all Release Packages
Source Code	The source code files for an JPSS Software distribution.
Executables	In addition to Source Code, Executables are also delivered as part of the Software Release Package for all users. The binary files for a JPSS Software distribution contain all of the executables of the system.
Look Up Tables (LUT)	These tables are used to create S-NPP/JPSS Data Products and are expected to be static in nature. There may be updates to these over time, as most of them are based on Radiative Transfer Models (RTM). See the applicable JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX, for more information on LUTs.
Configuration Files	There are many configuration files associated with the JPSS Software. Consult the relevant VDD and User's Manuals for more information.
Software User's Manuals	Software User's Manuals are included with the JPSS Software baseline, an example would be the Data Delivery Graphical User Interface (GUI) Guide.

JPSS-Software-RP	_	Type	_	Release Date	_	Destination	_	SW Version	_	Part	-	Release	.	Architecture	.	Ext
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Figure 3.4.11.1-1. Software Release Packages File-Naming Convention

Table 3.4.11.1-2. Software Release Packages File-Naming Convention Field Description

Field Position	Description	Applicable Values	
1	JPSS Software Release Package Static string indicating that this file contains JPSS Software	JPSS-Software-RP	
2	Field Separator	' _ '	
3	Type The type of the software release	Full	
4	Field Separator	' _ '	
5	Release Date The date that the software is released for delivery to the external community. This date does not indicate effectivity of the software.	YYYYMMDDHHMM YYYY=2005-2030 MM=01-12 DD=01-31 HH=0-23 MM=00-59	
6	Field Separator	' _ '	
7	Destination Indicates the destination for the software.	Identifier	Description
		ext	External Community (e.g., CLASS)
		ops	Operations (used to denote all IDPs)
		noa	NOAA
		ada	Algorithm Development Area
8	Field Separator	' _ '	
9	Software (SW) Version The full versioning of the JPSS Software	See Section 3.4.7, JPSS Software Versioning	
10	Field Separator	' _ '	
11	Part	PartXofY X contains the number of the Release Package number Y contains the number of parts that the Release Package was broken into This tells the user how many parts to expect. Example: Part2of3	
12	Field Separator (hyphen)	' - '	

Field Position	Description	Applicable Values
13	Release Indicates the number of times this version of the software has been packaged and released.	0 – 20
14	Field Separator	‘.’
15	Architecture A shorthand name describing the type of computer hardware the rpm is meant to run on. This field is required only for RPM files.	<architecture><version>.noarch Where the architecture is that of the operating system used to create the RPM and the version is defined by the version of the operating system (when applicable) Architectures: rhel– Red Hat Enterprise Linux Example: rhel6.1.noarch
16	Field Separator	‘.’
17	Extension The appropriate file type extension for the software.	rpm

An example of a Software Release Package filename is:

JPSS-Software-RP_Full_201008122259_ext_I1.5.02.03_Part1of2-0.rhel6.1.noarch.rpm

3.4.11.2 Supporting Data Release Packages

The JPSS Software baseline requires supporting data in order to produce S-NPP/JPSS Data Products. The data designated as Supporting Data includes various Auxiliary Data and Static Ancillary Data. These Release Packages contain the entire set of Supporting Data. Every Supporting Data Release Package filename includes the software version (see Section 3.4.7, JPSS Software Versioning for more information on the versioning convention) that it is applicable to. The software version is also included in the VDD filename and contents. Supporting Data Release Packages do not require an increment of the software version.

Each Release will contain the latest version of each file in the JPSS Supporting Data baseline. The VDD will document which files have been modified and a list of all problem reports (with a mapping to all impacted source files) that have been fixed in the particular release.

In addition to the functionality of the RPM system used to bundle, compress, and deliver the Supporting Data Release Packages to the external community, a Release Package Number is provided to indicate the order of the Release Packages.

The files included are listed in Table 3.4.11.2-1, Supporting Data Release Package Contents. All of the relevant files are included in the Release Package. Figure 3.4.11.2-1, Supporting Data Release Packages File-Naming Convention, and Table 3.4.11.2-2, Supporting Data Release Packages File-Naming Convention Field Description, describe the file-naming convention used for Supporting Data Release Packages.

Table 3.4.11.2-1. Supporting Data Release Package Contents

Contents	Description
VDD	VDDs accompany all Release Packages
Manual Processing Coefficient Tables	These tables are used to create S-NPP/JPSS Data Products and are updated as needed by JPSS. See the CDFCB-X Vol. VI, 474-00001-06, and the applicable JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX, for more information on Processing Coefficients.
Sensor Calibration Table Updates	These tables are used to update the calibration tables of the JPSS sensors, the Processing Coefficients Tables are updated in accordance with these files. See the CDFCB-X Vol. VI, 474-00001-06, for more information on Sensor Calibration Table Updates.
Data Quality Threshold Tables	These files provide the thresholds that are used in creation of the S-NPP/JPSS Data Products to indicate quality and/or the production of the Data Quality Monitoring Messages.
Official Static Ancillary Data	Official Static Ancillary Data is used to create S-NPP/JPSS Data Products and are expected to be updated as needed by JPSS. Some of these files are pre-processed by JPSS, some are as they are found from their sources. See the CDFCB-X Vol. VI, 474-00001-06, for more information about Official Static Ancillary Data.
Seed Data	There are many files containing necessary seed data for the creation of S-NPP/JPSS Data Products. These files are updated as necessary. An example of seed data are the Gridded Intermediate Product seed files.

JPSS-Supporting-Data-RP	_	Type	_	Release Date	_	SW Version	_	Part	-	Release	.	Architecture	.	Ext
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Figure 3.4.11.2-1. Supporting Data Release Packages File-Naming Convention**Table 3.4.11.2-2. Supporting Data Release Packages File-Naming Convention Field Description**

Field Position	Description	Applicable Values
1	JPSS Supporting Data Release Package Static string indicating that this file contains JPSS Supporting Data	JPSS-Supporting-Data-RP
2	Field Separator	‘ ’ _

Field Position	Description	Applicable Values
3	Type The type of the supporting data release	Full
4	Field Separator	‘ ’ _
5	Release Date The date that the software is released for delivery to the external community. This date does not indicate effectivity of the software.	YYYYMMDDHHMM YYYY=2005-2030 MM=01-12 DD=01-31 HH=00-23 MM=00-59
6	Field Separator	‘ ’ _
7	Software (SW) Version Includes the Major and Minor release of the software versioning of the related software release. Does not include the Patch number. For example, I1.5.01	[Identifier][Major].[Minor]
8	Field Separator	‘ ’ _
9	Part	PartXofY X contains the number of the Release Package number Y contains the number of parts that the Release Package was broken into This tells the user how many parts to expect. Example: Part2of3
10	Field Separator (hyphen)	‘-’
11	Release This value represents the number of releases needed to obtain the current baseline.	0 – 20
12	Field Separator	‘.’
13	Architecture A shorthand name describing the type of computer hardware the rpm is meant to run on. This field is only for RPM files	<architecture><version>.noarch Where the architecture is that of the operating system used to create the RPM and the version is defined by the version of the operating system (when applicable) Architectures: rhel– Red Hat Enterprise Linux Example: rhel6.1.noarch

Field Position	Description	Applicable Values
14	Field Separator	','
15	Extension The appropriate file type extension for the release package.	rpm

An example of a Supporting Data Release Package filename is:

JPSS-Supporting-Data-RP_Full_201008122259_I1.5.02_Part2of2-0.rhel6.1.noarch.rpm

3.4.11.3 Documentation Release Packages

The JPSS Documentation is necessary to understand how JPSS works and to understand the science behind, and the formats of the S-NPP/JPSS Data Products. These Release Packages may contain the entire set of JPSS Documentation (Full Release). Every Documentation Release Package filename includes the software version (see Section 3.4.7, JPSS Software Versioning for more information on the versioning convention) that it is applicable to. The software version is also included in the VDD filename and contents (the software version included is only the identifier, major, and minor portions of the applicable software version). Documentation Release Packages do not require an increment of the software version.

Each Release will contain the latest version of each file in the JPSS Documentation suite. The VDD will annotate which documents have been modified and a list of all problem reports (with a mapping to the impacted source files) that have been fixed in the particular release.

The files included are listed in Table 3.4.11.3-1, Documentation Release Package Possible Contents. Figure 3.4.11.3-1, Documentation Release Packages File-Naming Convention, and Table 3.4.11.3-2, Documentation Release Packages File-Naming Convention Field Description, describe the file-naming convention used for Documentation Release Packages.

Table 3.4.11.3-1. Documentation Release Package Contents

Contents	Description
VDD	VDDs accompany all Release Packages
External Interface Control Documents (ICD)	See list in JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01
Common Data Format Control Book – External (CDFCB-X)	See list in JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01
JPSS Data Product Profile XML Files	See list in JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01
Science Documents	See list in JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01
Specifications	See list in JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01

JPSS-Documentation-RP	_	Type	_	Release Date	_	SW Version	_	Part	-	Release	.	Architecture	.	Ext
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Figure 3.4.11.3-1. Documentation Release Packages File-Naming Convention**Table 3.4.11.3-2. Documentation Release Packages File-Naming Convention Field Description**

Field Position	Description	Applicable Values
1	JPSS Documentation Release Package Static string indicating that this file contains JPSS Documentation	JPSS-Documentation-RP
2	Field Separator	' _ '
3	Type The type of the documentation release	Full
4	Field Separator	' _ '
5	Release Date The date that the software is released for delivery to the external community. This date does not indicate effectivity of the software.	YYYYMMDDHHMM YYYY=2005-2030 MM=01-12 DD=01-31 HH=0-23 MM=00-59
6	Field Separator	' _ '
7	Software Version Includes the Major and Minor release of the software versioning of the related software release. Does not include the Patch number. For example, I1.5.01	[Identifier][Major].[Minor]
8	Field Separator	' _ '
9	Part	PartXofY X contains the number of the Release Package number Y contains the number of parts that the Release Package was broken into This tells the user how many parts to expect. Example: Part2of3
10	Field Separator (hyphen)	' _ '

Field Position	Description	Applicable Values
11	Release Indicates the number of times this version of the documentation has been packaged or delivered.	0 – 20
12	Field Separator	‘.’
13	Architecture A shorthand name describing the type of computer hardware the rpm is meant to run on. This field is required only for RPM files	<architecture><version>.noarch Where the architecture is that of the operating system used to create the RPM and the version is defined by the version of the operating system (when applicable) Architectures: rhel– Red Hat Enterprise Linux Example: rhel6.1.noarch
14	Field Separator	‘.’
15	Extension The appropriate file type extension for the release package.	rpm

An example of a Documentation Release Package filename is:

JPSS-Documentation-RP_Full_201008122259_11.5.02_Part1of1-0.rhel6.1.noarch.rpm

3.4.11.4 Test Data Release Packages

JPSS Test Data Release Packages contain data used to verify the installation of the JPSS software. This set of data includes input, expected output data, and scripts to run tests. These Release Packages contain the entire set of JPSS Test Data Every Supporting Data Release Package filename includes the software version (see Section 3.4.7, JPSS Software Versioning for more information on the versioning convention) that it is applicable to. The Software Version is also included in the VDD filename and contents. Test Data Release Packages do not require an increment of the software version.

Each Release will contain the latest version of each file in the JPSS Test Data suite. The VDD will annotate which Test Data files have been modified and a list of all problem reports (with a mapping to the impacted source files) that have been fixed in the particular release.

The files included are listed in Table 3.4.11.4-1, Test Data Release Package Contents. All of the relevant files are included in the Release Package. Figure 3.4.11.4-1, Test Data Release Packages File-Naming Convention, and Table 3.4.11.4-2, Test Data Release Packages File-Naming Convention Field Description, describe the file-naming convention used for Test Data Release Packages.

Table 3.4.11.4-1. Test Data Release Package Contents

Contents	Description
VDD	VDDs accompany all Release Packages
Test Data	Input data and expected output data, used to verify the installation of the JPSS software from source
Test scripts	Scripts used to run tests on the system, intended to aid in verifying the installation of the JPSS software from source

JPSS-Test-Data-RP	_	Type	_	Release Date	_	SW Version	_	Part	-	Release	.	Architecture	.	Ext
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Figure 3.4.11.4-1. Test Data Release Packages File-Naming Convention**Table 3.4.11.4-2. Test Data Release Packages File-Naming Convention Field Description**

Field Position	Description	Applicable Values
1	JPSS Test Data Release Package Static string indicating that this file contains JPSS Test Data	JPSS-Test-Data-RP
2	Field Separator	' _ '
3	Type The type of the test data release	Full
4	Field Separator	' _ '
5	Release Date The date that the test data is released for delivery to the external community. This date does not indicate effectivity of the test data.	YYYYMMDDHHMM YYYY=2005-2030 MM=01-12 DD=01-31 HH=0-23 MM=00-59
6	Field Separator	' _ '
7	Software (SW) Version Includes the Major and Minor release of the software versioning of the related software release. Does not include the Patch number. For example, I1.5.01	[Identifier][Major].[Minor]
8	Field Separator	' _ '

Field Position	Description	Applicable Values
9	Part	PartXofY X contains the number of the Release Package number Y contains the number of parts that the Release Package was broken into This tells the user how many parts to expect. Example: Part2of3
10	Field Separator (hyphen)	'_'
11	Release Indicates the number of times this version of the test data has been packaged since the last full release.	0 – 20
12	Field Separator	'.'
13	Architecture A shorthand name describing the type of computer hardware the rpm is meant to run on. This field is required only for RPM files	<architecture><version>.noarch Where the architecture is that of the operating system used to create the RPM and the version is defined by the version of the operating system (when applicable) Architectures: rhel– Red Hat Enterprise Linux Example: rhel6.1.noarch
14	Field Separator	'.'
15	Extension The appropriate file type extension for the release package.	rpm

An example of a Documentation Release Package filename is:

JPSS-Test-Data-RP_Full_201008122259_ext_I1.5.02_Part2of3-0.rhel6.1.noarch.rpm

3.4.12 File-Naming Convention for Algorithm Lineage Files

The Algorithm Lineage files provide insight into the specific changes that have been made to a particular algorithm. Each algorithm will have its own Algorithm Lineage File documenting the different iterations of the algorithm throughout the history of the algorithm. Figure 3.4.12-1, Algorithm Lineage File Naming Convention, and Table 3.4.12-1, Algorithm Lineage File Naming Convention Description, describe the file-naming convention used for the Algorithm Lineage File.

Software Item	_	<Sensor>	_	<Algorithm>	_	LT	.	txt
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Figure 3.4.12-1. Algorithm Lineage File Naming Convention**Table 3.4.12-1. Algorithm Lineage File Naming Convention Description**

Field Position	Description	Applicable Values
1	Software Item Group that originates the change to the Algorithm	PRO
2	Field Separator	'_'
3	Output name from Sensors	See the CDFCB-X Vol. 1, 474-00001-01, Appendix D for a list of the sensors
4	Field Separator	'_'
5	Algorithm Name Name of specific algorithm that has changed	Alphanumeric
6	Field Separator	'_'
7	Lineage Table Static string indicating that this file is a Lineage Table	LT
8	Field Separator	'.'
9	Extension Static string indicating that this file is a text document	txt

An example of this file-naming convention is:

PRO_VIIRS_NCC_LT.txt

3.4.13 File-Naming Convention for Release Package Installation Scripts

In order to ensure that the Release Package delivery can be installed properly, a Release Package Installation Script is provided to accompany the delivery. This script is written in Perl and documented appropriately for user to implement directly or review for instruction. Figure 3.4.13-1, Release Package Installation Script File Naming Convention, and Table 3.4.13-1, Release Package Installation Script File Naming Convention Description, describe the file-naming convention used for the RPM Installation Script file.

JPSS-RP-Install-Script	_	YYYYMMDDHHMM	_	SW Version	.	pl
------------------------	---	--------------	---	------------	---	----

Figure 3.4.13-1. Release Package Installation Script File Naming Convention

Table 3.4.13-1. Release Package Installation Script File Naming Convention Description

Field Position	Description	Applicable Values
1	JPSS Release Package Installation Script	JPSS-RP-Install-Script
2	Field Separator	‘_’
3	Timestamp This provides versioning and facilitates uniqueness in the filename	YYYYMMDDHHMM
4	Field Separator	‘_’
5	Software (SW) Version Includes the Major and Minor release of the software versioning of the related software release. Does not include the Patch number. For example, I1.5.01.01	[Identifier][Major].[Minor]
6	Field Separator	‘.’
7	Extension Static string indicating that this file is a Perl script	pl

An example of this file-naming convention is:

JPSS-RP-Install-Script_201004130830_I1.5.00.35.pl

3.4.14 Container Image Naming and Tagging Convention

The JPSS Modernization DPN and C3S run containerized applications. The JPSS container images are identified with the standard name:tag notation. Tables 3.4.14-1 and 3.4.14-2 describe the C3S and IDPS Conventions used for JPSS container image names and tags.

Table 3.4.14-1. C3S Container Image Naming and Tagging Convention

		Image Name			:	Image Tag	
		Product	-	Function	:	Version	
	Field Position	Description				Applicable Values	
Image Name	1	Product Static string indicating that this file contains a product				Products defined in Table L-1. Product and Functions	
	2	Field Separator				‘_’	
	3	Function Identifies the type of the function of the product				Functions defined in Table L-1. Product and Functions	
	4	Field Separator				‘.’	

		Image Name			:	Image Tag		
		Product	-	Function	:	Version		
	Field Position	Description					Applicable Values	
Image Tag	5	Version C3S – based on legacy model					See Section 3.4.7, JPSS Software Versioning	

An example of the C3S convention is:

mm-server:c2.5.00.01.00

clg-server:c2.5.00.01.00

Table 3.4.14-2. IDPS Container Image Naming and Tagging

		Image Name			:	Image Tag						
		Product	-	Function	:	Major	.	Minor	.	Patch	-	DateTime
	Field Position	Description					Applicable Values					
Image Name	1	Product Static string indicating that this file contains a product					Products defined in Table L-1. Product and Functions					
	2	Field Separator					‘-’					
	3	Function Identifies the type of the function of the product					Functions defined in Table L-1. Product and Functions					
	4	Field Separator					‘.’					
Image Tag	5	Major DPN – Sematic version with version number for major version when you make incompatible API changes.					Major = 0 – 99					
	6	Field Separator					‘.’					
	7	Minor DPN – Sematic version with version number for minor version when you add functionality in a backwards compatible manner					Minor = 0 – 99					
	8	Field Separator					‘.’					
	9	Patch DPN – Sematic version with version number for patch version when you make backwards compatible bug fixes					Patch = 0 – 99					

Image Name		:	Image Tag							
Product	-	Function	:	Major	.	Minor	.	Patch	-	DateTime
Field Position		Description				Applicable Values				
10		Field Separator				'_'				
11		Date and Time the container was built				YYMMDD_HHMMSS YY = 2023-2030 MM = 01-12 DD = 01-31 HH = 00-23 MM = 00-59 SS = 00-60				

An example of the IDPS convention is:

pro-sdr-viirs-cal:1.1.0-230517_223555

inf-status-file-service:1.1.0-230517_222643

3.5 S-NPP/JPSS Data Product HDF5 Overview

S-NPP/JPSS Data Products are delivered as HDF5 files. HDF5 is a general purpose file format and library designed and developed by the National Center for Supercomputing Applications (NCSA). HDF5 was developed to provide flexible, portable and efficient storage and retrieval of scientific datasets.

JPSS uses the HDF5 structure to implement a specific data model for the S-NPP/JPSS Data Products. For a crosswalk of data types between C, C++, and Java, see Appendix I.

Figure 3.5-1, JPSS HDF5 Conceptual Diagram, provides a graphical depiction of the JPSS HDF5 implementation for the S-NPP/JPSS Data Products and deliverables. As can be seen in the depiction, there are 6 major areas of the HDF5 file:

1. XML User Block (HDF5 User Block)
2. Root Group
3. Data
4. Product Group
5. Aggregation
6. Granule

The following sections describe in detail the elements of this diagram.

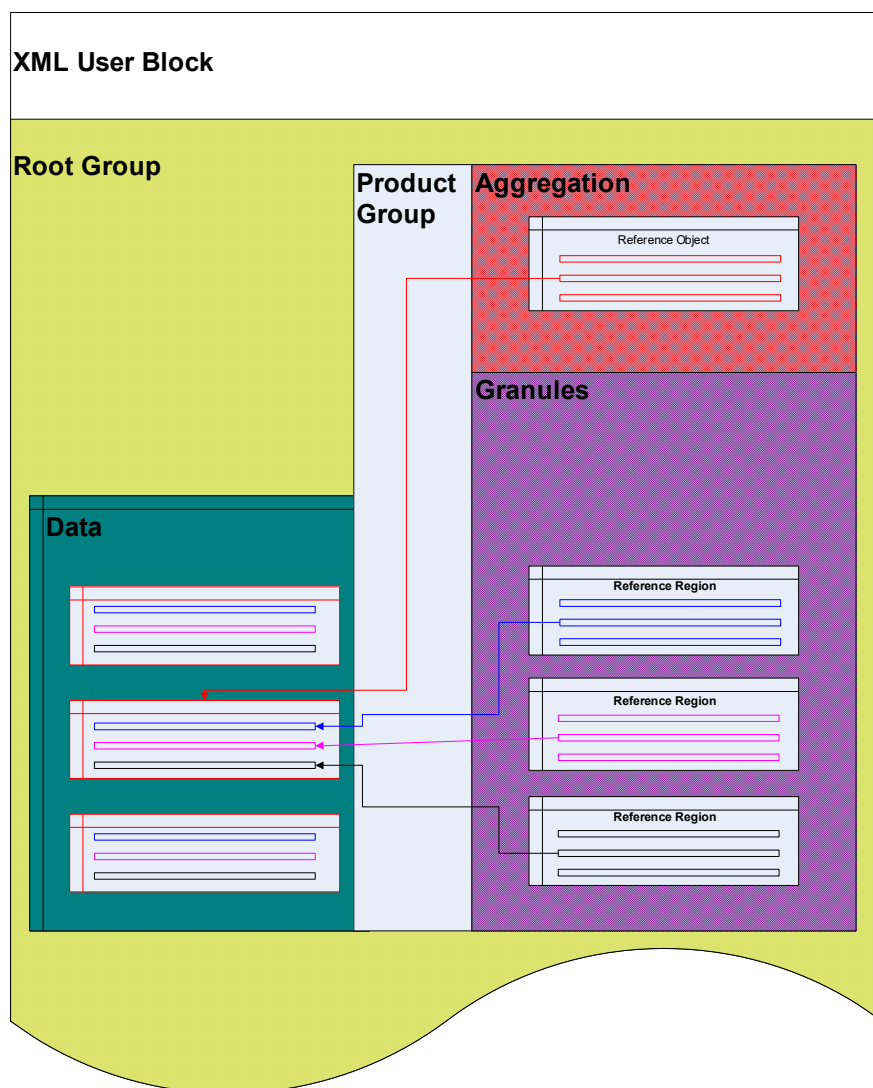


Figure 3.5-1. JPSS HDF5 Conceptual Diagram

3.5.1 Terminology

Table 3.5.1-1, JPSS Data Product Common Terms, is provided for clarity in presenting the concepts of the JPSS Data Product HDF5 files. These terms are not provided to detract from the definitions provided in the JPSS Glossary, but are an addendum to the Glossary with respect to their usage in the CDFCB-X. Those terms also found in the JPSS Glossary are marked with an asterisk, '*'.

Table 3.5.1-1. JPSS Data Product Common Terms

Term	Definition
Aggregation	A collection of granules, within a JPSS HDF5 file. This will be a contiguous array for SDR/EDR/TDR/IP products. For RDR products, the aggregation's object ID dereferences (or "points") to an HDF5 group that contains one or more datasets. These datasets are the individual RDR granules. Granules are ordered temporally. The aggregation can be accessed with the HDF5 reference object. For a detailed explanation of aggregations, see Section 3.5.12, DDS Aggregation Methodology.
Attribute	An attribute is a single, named parameter that has one or more values (where more than one value is applicable, the list of values is stored as an array in the JPSS HDF5 File).
Granule*	A grouping of measurement or derived data (and/or data arrays) spanning a defined period (e.g., 28.6 seconds) and integer number of sensor scans. Definition varies for sensors and EDRs. The granule(s) can be accessed through the HDF5 reference regions provided in the JPSS HDF5 Files. A granule within HDF5 is typically delineated with individually named and typed data arrays; each array is referenced with a separate object ID. RDRs, and Auxiliary/Ancillary data products delivered as HDF5, are in contrast binary structures stored purely as an array of bytes (unsigned char) referenced with a single object ID.
HDF5 User Block	A subset of metadata attributes stored in the JPSS HDF5 File. The User Block can be thought of as a "header" on top of the HDF5 file stored as ASCII and is viewable without the need of the HDF5 API.
Metadata*	Attributes that are attached to datasets and groups within the JPSS HDF5 file which help identify and describe the data. All of the groups and datasets within the HDF5 file, with the exception of the All_Data hierarchy and the Data_Products Group, have a set of these attributes.
JPSS Data Product Profile	An XML representation of Granule properties. Each Product Profile describes the contents and properties of a granule (e.g., parameter names, data types, data dimensions, measurement units, which dimension is the aggregation dimension). The JPSS Data Product Profiles are rendered as tables in the JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX. JPSS Data Product Profiles are produced for SDRs, TDRs, EDRs, IPs, and associated Geolocations.
JPSS HDF5 File	An aggregation of one or more data product granules with associated metadata. The file organization is depicted with a UML diagram. The granules within a file are described by the Product Profile. The data within the granule is ordered and presented following the Style Guide. A JPSS HDF5 file is usually one granule type, although multiple granule types are allowed (e.g., measurement and geolocation granules delivered together or multiple measurements sharing the same geolocation.) Using the HDF5 API, a user can retrieve granules either singly or together. The organization within the HDF5 file can be explained by using the example of a directory tree. Within the file there is a root directory with two sub-directories, these sub-directories are named "All_Data" and "Data_Products". The All_Data directory contains all of the data that was requested, and the Data_Products directory contains sub-directories which help to organize the data, references to allow extraction of the data, and metadata to identify and describe the data.

Term	Definition
RDR*	Raw data received from the spacecraft and packaged into HDF5 is referred to as a Raw Data Record (RDR). The data granules composing an RDR are the actual CCSDS application packets from the sensor, and don't directly map into a set of data arrays. Granules that compose the RDR HDF5 files are aggregated application packets for a given sensor.
Style Guide	Section 3.5.4, Data Product Style Guide, constrains the possible choices for how data is stored within a granule: Grid, Swath, and/or Sparse Array.
UML Diagram (Class Diagram)	Provides a visual depiction of the JPSS HDF5 file organization

3.5.2 The JPSS HDF5 User Block

A special feature of HDF5 is that the file can be divided into two portions, a header called a User Block which does not require an HDF5 reader and the remaining part that contains the HDF5 data. For JPSS files, the user block is XML written in ASCII text that provides a quick-look into the metadata attributes contained in the HDF5 file. Note that the HDF5 API will discover the beginning of the binary HDF5 file (the root group) regardless of the length of the User Block. See the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for the data format definitions for the JPSS XML User Block. Figure 3.5.2-1, JPSS HDF5 Contents, provides a depiction of the User Block and HDF5 binary portion of the HDF5 file.

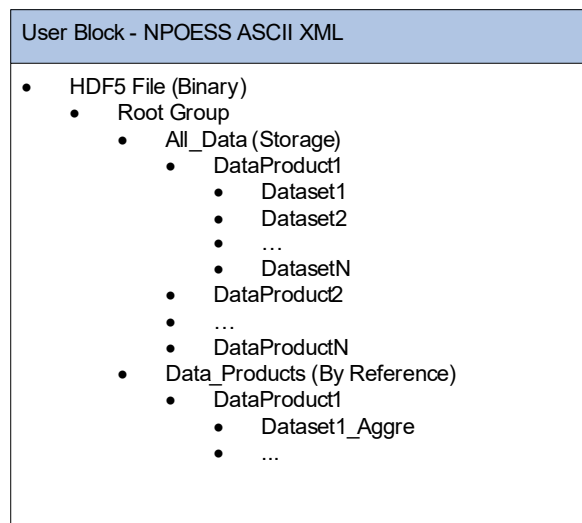


Figure 3.5.2-1. JPSS HDF5 Contents

3.5.2.1 Inside the JPSS HDF5 File

An HDF5 file is a data abstraction stored in binary form that follows the HDF5 data model. The HDF5 data model organizes information in a hierarchical fashion beginning with the root group, symbolically represented with the “/” marker. Beneath the root group is the “All_Data” group and the “Data_Products” group. The Data_Products group however, is key to understanding the

data and must be used to access each product's metadata. The Data_Products group acts as a container for one or more specific data products in the HDF5 file. Each specific data product is named with its corresponding JPSS Data Product Collection Short Name, for a list of these short names see Appendices A and B.

Figure 3.5.2.1-1, JPSS HDF5 File Screen Capture (HDF View 2.11). Example, shows a screen shot of a sample VIIRS HDF5 file rendered in HDF View, Version 2.11. Note that HDF View labels the root group with the HDF5 filename rather than the “/” that would be displayed using an HDF5 utility such as h5dump.

Beneath the root group in this example is the Data_Products group that contains the VIIRS Near Constant Contrast EDR (VIIRS-NCC-EDR).

Each product contains one aggregation dataset and at least one granule dataset. The aggregation dataset is an HDF dataset that contains an array of HDF references. These references “point” or dereference to contiguous blocks of data for each field in a product. It is a convenient way to access all of the data in an aggregation for a particular field at once.

The granule dataset is an HDF dataset that contains an array HDF references that dereference to just that granule's data for each field in a product. The set of data that a particular HDF reference dereferences to is a subset of the entire aggregation dataset. The aggregation can be thought of as a collection array of granules. Each HDF5 file will contain only one aggregation per product group. The temporal range of the aggregation is set by the requester of the S-NPP/JPSS Data Products from JPSS.

In addition to showing the hierarchy of the JPSS HDF5 file, Figure 3.5.2.1-1, JPSS HDF5 File Screen Capture (HDF View 2.11). Example, also shows granule level metadata for the first granule (VIIRS-NCC-EDR_Gran_0). Metadata is stored in the JPSS HDF5 file as HDF5 attributes at the following four levels:

- Root group
- Product Group
- Aggregation Reference Dataset
- Granule Reference Dataset

Metadata for any level lower than the granule level does not exist in the JPSS HDF5 file. However, quality flags stored as HDF5 datasets do exist. These flags provide information at a pixel/cell level for the datasets in a particular product.

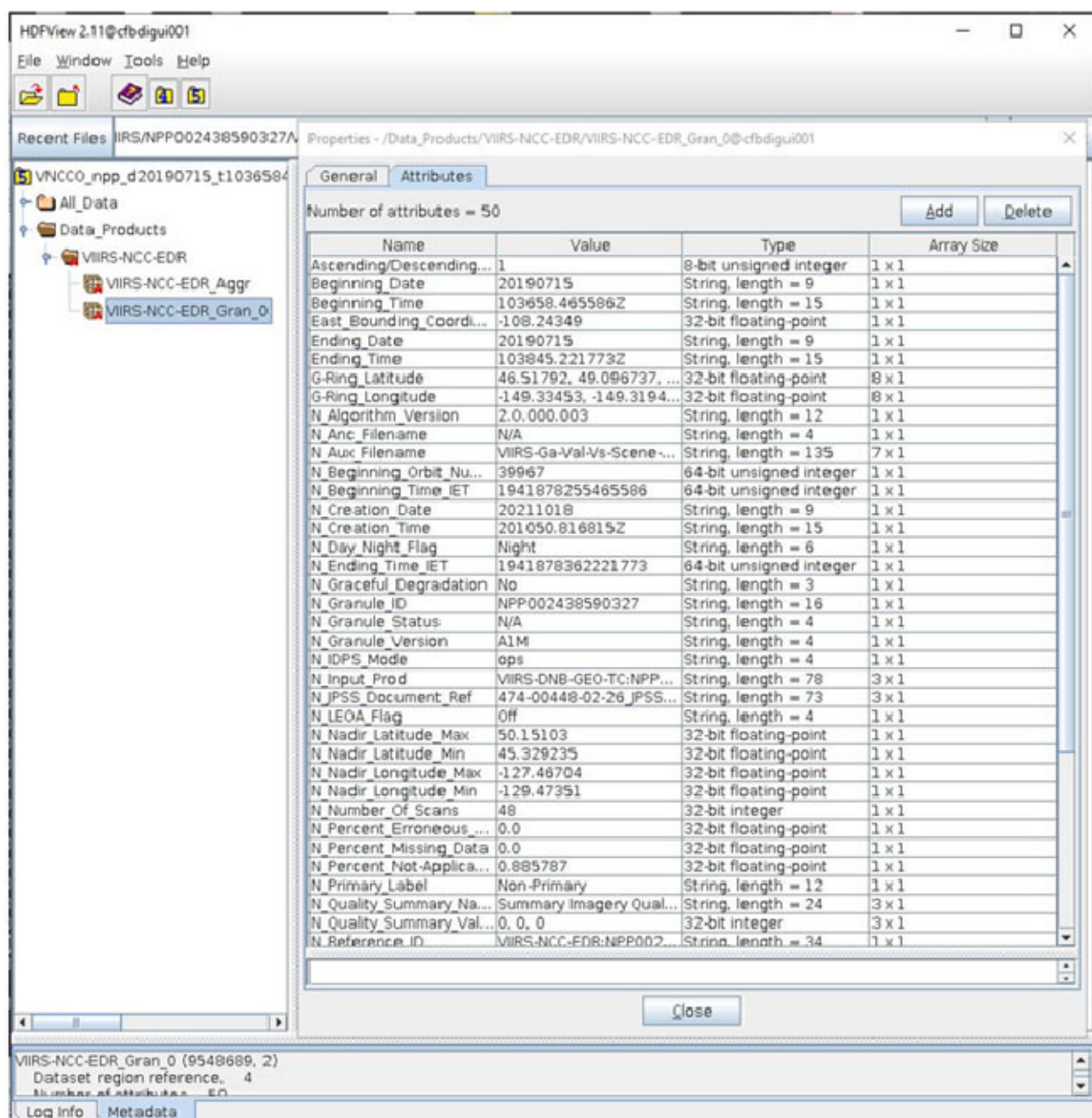


Figure 3.5.2.1-1. JPSS HDF5 File Screen Capture (HDF View 2.11) Example

An alternative method of viewing the JPSS HDF5 file is through the idiom of the Unified Modeling Language (UML) class diagram. Figure 3.5.2.1-2, JPSS HDF5 UML Diagram (For RDRs only), illustrates the basic paradigm for a JPSS HDF5 file. Note that the actual metadata attached to each level (root, data product, aggregation, or granule) is not provided in the diagram, but is instead listed in the appropriate part of the JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX.

The definitions of the metadata attributes are documented in the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01.

In the diagram, the blue hyphenated lines from the Reference Objects and Reference Regions represent the HDF5 dereference operation. Object IDs stored in the aggregation/granule datasets dereference to data stored in the Dataset_Arrays of the All_Data group.

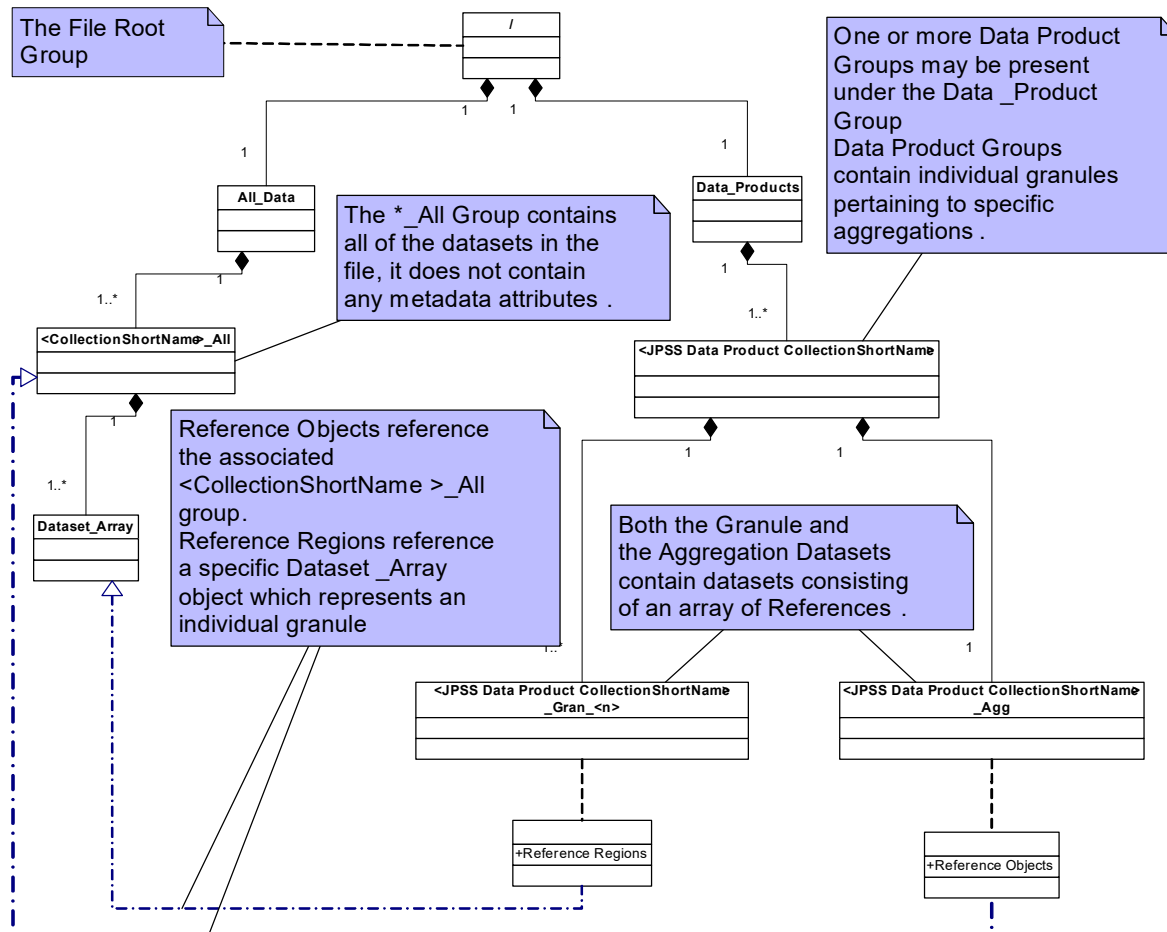


Figure 3.5.2.1-2. JPSS HDF5 UML Diagram (For RDRs only)

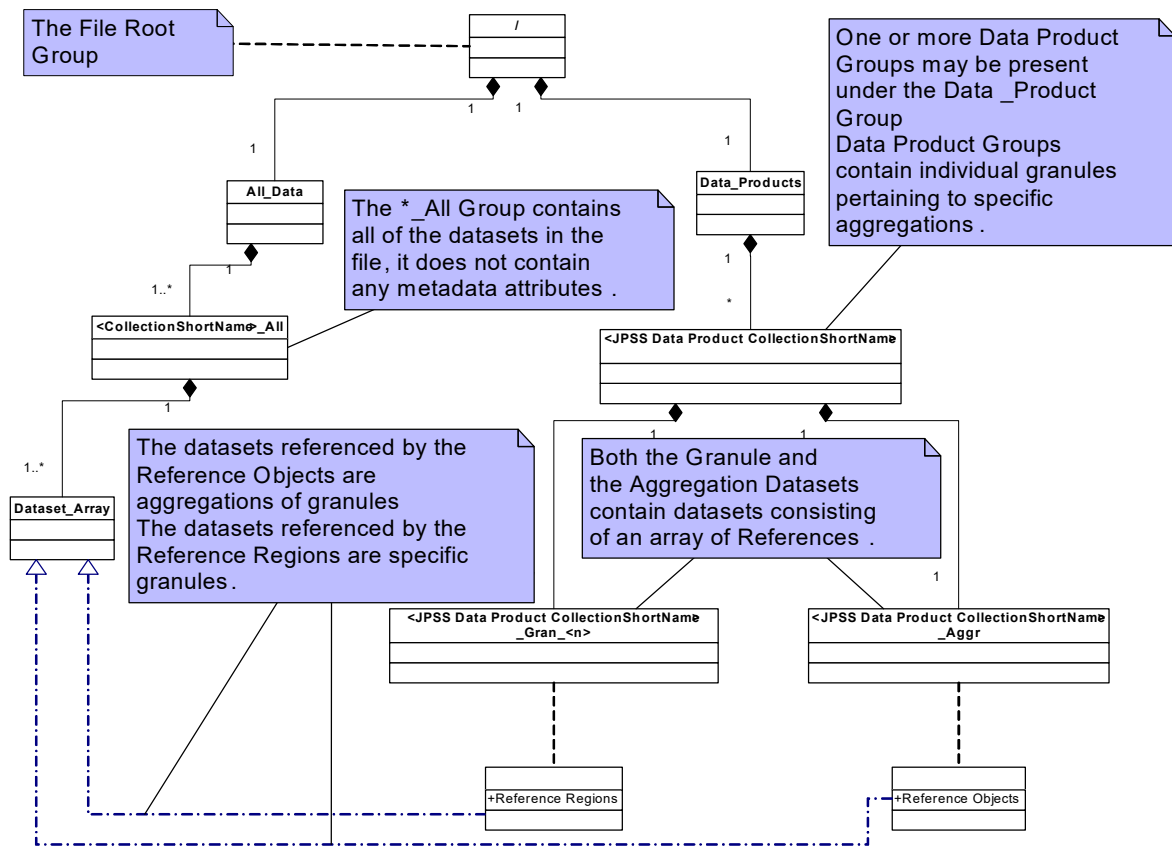


Figure 3.5.2.1-3. JPSS HDF5 UML Diagram (For SDR/TDR/EDR/IPs only)

Table 3.5.2.1-1. Product Profile for VIIRS NCC EDR Example

Name	Data Size	Dimensions											
Albedo	2byte(s)	Name	Granule Boundary	Dynamic	Min Array Size	Max Array Size							
		AlongTrack	Yes	No	771	771							
		CrossTrack	No	No	4121	4121							
		Datum											
		Description	Datum Offset	Unscaled Valid Range Min	Unscaled Valid Range Max	Measurement Units	Scaled	Scale Factor Name	Data Type	Fill Values		Legend Entries	
		Normalized Top of Atmosphere Reflectance (no atmospheric reflection applied)	0	-10	1000	unitless	Yes	AlbedoFactors	unsigned 16-bit integer	Name	Value	Name	Value
										NA_UINT16_FILL	65535		
										MISS_UINT16_FILL	65534		
										ONBOARD_PT_UINT16_FILL	65533		
										ONGROUND_PT_UINT16_FILL	65532		
ERR_UINT16_FILL	65531												
ELLIPSOID_UINT16_FILL	65530												
VDNE_UINT16_FILL	65529												

The JPSS Data Product Profile defines the structure of a single S-NPP/JPSS Data Product granule. In the JPSS -HDF5 file, a granule consists of one or more dataset arrays. The dataset and file sizes provided in this document are for uncompressed datasets. Dataset and file sizes for compressed data will be variable, but a compression ratio of 3:1 is generally achievable for the largest products. Each array is represented as a separate field in the JPSS Data Product Profile, see Table 3.5.2.1-1, Product Profile for VIIRS NCC EDR Example. Although the granule in the VIIRS NCC EDR is made up of multiple fields (Albedo, Quality Flags and Scale/Offset Factors), for simplicity this example shows only the Albedo field.

The hierarchy of the product profile begins with the “Fields” element in the first row. Included in each field are:

- The size of data (“Data Size”)
- The dimensions (“Dimensions”) of the data arrays
- The details about the datum (“Datum”) included in each array

The “Dimensions” element shown in Table 3.5.2.1-2, VIIRS NCC EDR Dimensions Element Example, describes the structure of the data array. The “Name” element describes the dimension of the data array (“AlongTrack”, “CrossTrack”, and “Layer”), but this name does not appear in the HDF5 granule itself. In order to retrieve the dimensions of a given dataset array, a user needs to query using the HDF5 API. The order of the dimensions returned by the HDF5 API is the order listed in the product profile.

Table 3.5.2.1-2. VIIRS NCC EDR Dimensions Element Example

Dimensions				
Name	Granule Boundary	Dynamic	Min Array Size	Max Array Size
AlongTrack	Yes	No	771	771
CrossTrack	No	No	4121	4121

“Granule Boundary” indicates the dimension that is contiguous (in time) over granule boundaries. In other words, this is the dimension in which the granules are concatenated in an aggregation. In the case of the VIIRS NCC EDR example, the granules are aggregated in the AlongTrack dimension rather than the CrossTrack or the Layer dimension.

Figure 3.5.2.1-4, Granule Boundary Diagram, provides a graphical depiction of a dataset aggregated on a granule boundary. As can be seen in the diagram, the dataset is aggregated on the indicated “Granule Boundary”. This diagram also indicates the areas of the dataset that the Reference Region and Reference Objects reference, or point to, in the HDF5 file.

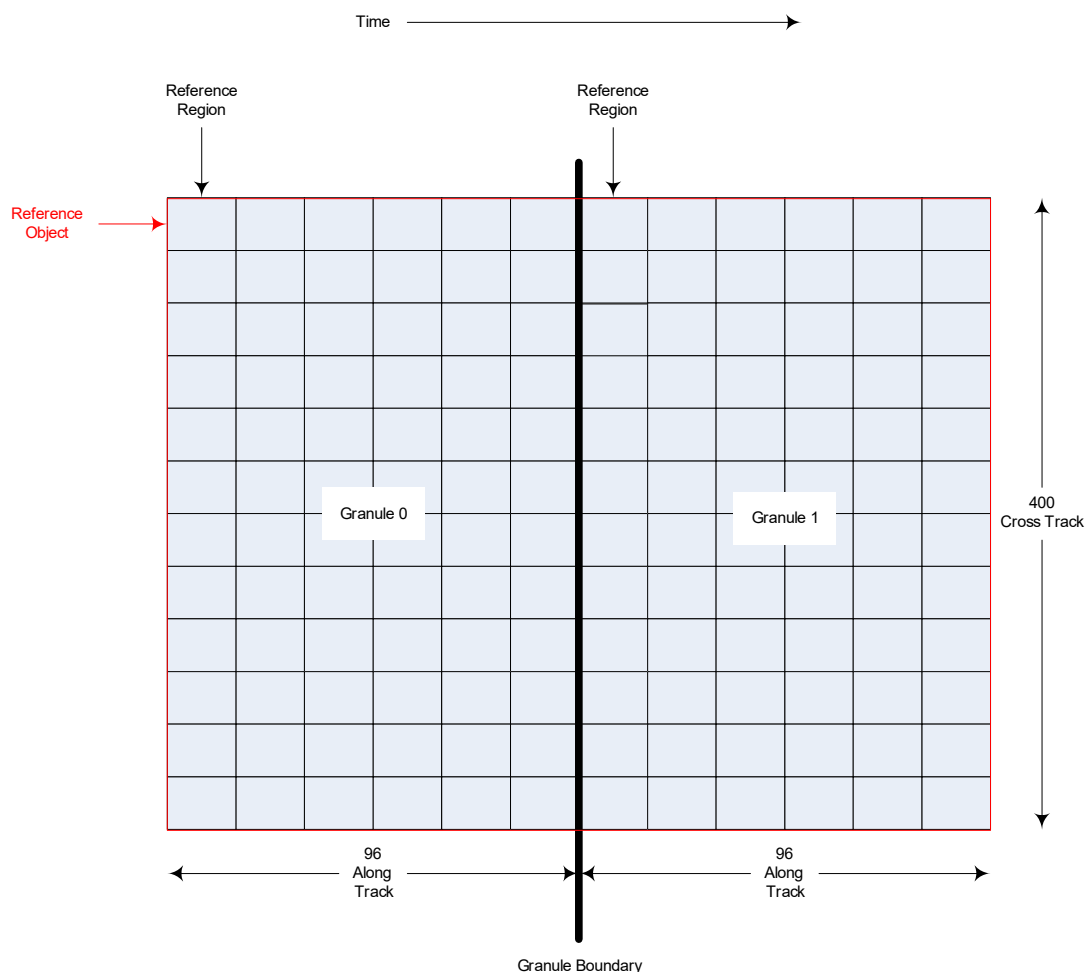


Figure 3.5.2.1-4. Granule Boundary Diagram

The “Dynamic” element indicates whether the dimensions of a particular data array vary in size or not. The granule size is static in this example. Min/Max Array Size indicates the smallest/largest possible array size for this dimension. For products with static dimensions, the “Min Array Size” will always equal the “Max Array Size.”

Table 3.5.2.1-3. VIIRS NCC EDR Datum Element Example

Datum										
Description	Datum Offset	Unscaled Valid Range Min	Unscaled Valid Range Max	Measurement Units	Scaled	Scale Factor Name	Data Type	Fill Values		Legend Entries
Normalized Top of Atmosphere Reflectance (no atmospheric correction applied)	0	-10	1000	unitless	Yes	albedoFactors	unsigned 16-bit integer	Name	Value	Name Value
								NA_UINT16_FILL	65535	
								MISS_UINT16_FILL	65534	
								ONBOARD_PT_UINT16_FILL	65533	
								ONGROUND_PT_UINT16_FILL	65532	
								ERR_UINT16_FILL	65531	
								ELLIPSOID_UINT16_FILL	65530	
								VDNE_UINT16_FILL	65529	

The “Description” in Table 3.5.2.1-3, VIIRS NCC EDR Datum Element Example, provides a description of the individual pieces of data contained in an individual dataset array.

The “Datum Offset” in this instance refers to a bit offset and is not related to offset as in a scale/offset pair. This bit offset indicates the bit position starting from zero from the least significant bit. The offset begins with the least significant bit (commonly designated as the “right-most” bit). For example, if the entire byte is initialized to zero (all 8 bits are = 0), then a 1-bit flag is set to “1” at offset 2, the bit pattern would be:
(msb)à 00000100 ß (lsb)
and the integer value of this qf byte would be 4.

For datum sized to an integer number of bytes (1 byte, 2 bytes, 4 bytes, etc.) this offset is zero. Quality flags, however, are placed within single byte fields and are sized anywhere from 1 bit to 8 bits. The datum offset for these flags will be 0, 1, 2, etc., depending on the flag's location within the byte. If a byte contains more than one quality flag (as do most quality flag bytes), this bit offset is provided in order to allow the user to parse the bit pattern to extract the flag. The “Unscaled Valid Range Min” and “Unscaled Valid Range Max” represent the range over which the EDR is valid. However actual values may appear outside of this range which may or may not be anomalous. This data range refers to the product's unscaled values (the expected geophysical values with no scale or offset applied). The “Measurement Units” field also refers to the unscaled values contained in this dataset array.

The “Scale” element indicates whether this product has been scaled or not. If a data array has been scaled, the corresponding scaling coefficients are stored in the “Scale Factor Name” dataset.

The “Scale Factor Name” indicates the name of the HDF5 dataset that holds this datum's scaling coefficients. The coefficients are stored in polynomial order C_0 , C_1 , ..., C_n . All S-NPP/JPSS Data Products that are scaled are linearly scaled. Therefore, only the two coefficients (C_0 =offset and C_1 =scale) are present. See Appendix H, S-NPP and Applicable JPSS Data Scaling, for the table of S-NPP/JPSS Data Products that are scaled.

“Data Type” refers to the generic data type of the values stored in the dataset arrays. See Appendix I, HDF5 Data Types Crosswalk, for a list of the various data types and their equivalent HDF5, C++, C, and Java data types. When a product is scaled, “Data Type” is described using a generic data type rather than a type specific to HDF, C++, C or Java; for example, “unsigned 16-bit integer” instead of “UINT16” or “H5T_NATIVE_UINT”. The fill values are always of the same data type as the type listed in the “Data Type” column.

In Table 3.5.2.1-3, VIIRS NCC EDR Datum Element Example, the Cloud Albedo field is initially output as a 32-bit floating point value and then scaled to an unsigned 16-bit integer. Note that the JPSS Data Product Profile indicates the integer value only. “Unscaled Validated Range Min”, “Unscaled Validated Range Max”, and “Measurement Units” correspond to the unscaled floating point value while “Data Type” and “Fill Values” correspond to the scaled unsigned 16-bit integer value. The fill values always match the “Data Type” and correspond to the data array values stored in the HDF5 file while the range and measurement units correspond to the unscaled values. In those cases where scaling is not used, all of these elements refer to the same “Data Type”.

Table 3.5.2.1-3, VIIRS NCC EDR Datum Element Example, also shows seven fill values. They are of the same “Data Type” (unsigned 16-bit integer) as the scaled values. Fill value definitions are in Section 3.5.6, Fill Values. Not all of the fill values are listed in this example due to the fact that they are not applicable.

Table 3.5.2.1-4. VIIRS NCC EDR Quality Flag Product Profile Example

Fields													
Name	Data Size	Dimensions											
QF1_VIIRSNCCCLAYEREDR	1byte(s)	Name	Granule Boundary	Dynamic	Min Array Size	Max Array Size							
		AlongTrack	Yes	No	771	771							
		CrossTrack	No	No	4121	4121							
		Datum											
		Description	Datum Offset	Unscaled Valid Range Min	Unscaled Valid Range Max	Measurement Units	Scaled	Scale Factor Name	Data Type	Fill Values	Legend Entries		
		Imagery Quality (Pixel Quality as determined by the SDR Calibration Quality.)	0	MIN_VAL	MAX_VAL	unitless	No		2 bit(s)	Name Value	Name	Value	
											Good	0	
											Poor	1	
											No Calibration	2	
		Pixel is Saturated	2	MIN_VAL	MAX_VAL	unitless	No		1 bit(s)	Name Value	Name Value		
											False	0	
											True	1	
		Missing Data (Data required for calibration processing is not available for processing)	3	MIN_VAL	MAX_VAL	unitless	No		2 bit(s)	Name Value	Name	Value	
											All Data Present	0	
	Earth View RDR data missing									1			
	Cal data (Space View, Earth View, Cal View, Solar Diffuser) missing									2			
	Thermistor Data Missing									3			
Out of Range – Calibrated pixel value outside of LUT threshold limits	5	MIN_VAL	MAX_VAL	unitless	No		1 bit(s)	Name Value	Name	Value			
									All Data Within Range	0			
									DNB Radiance Out of Range	1			
Spare	6	MIN_VAL	MAX_VAL	unitless	No		1 bit(s)	Name Value	Name Value				

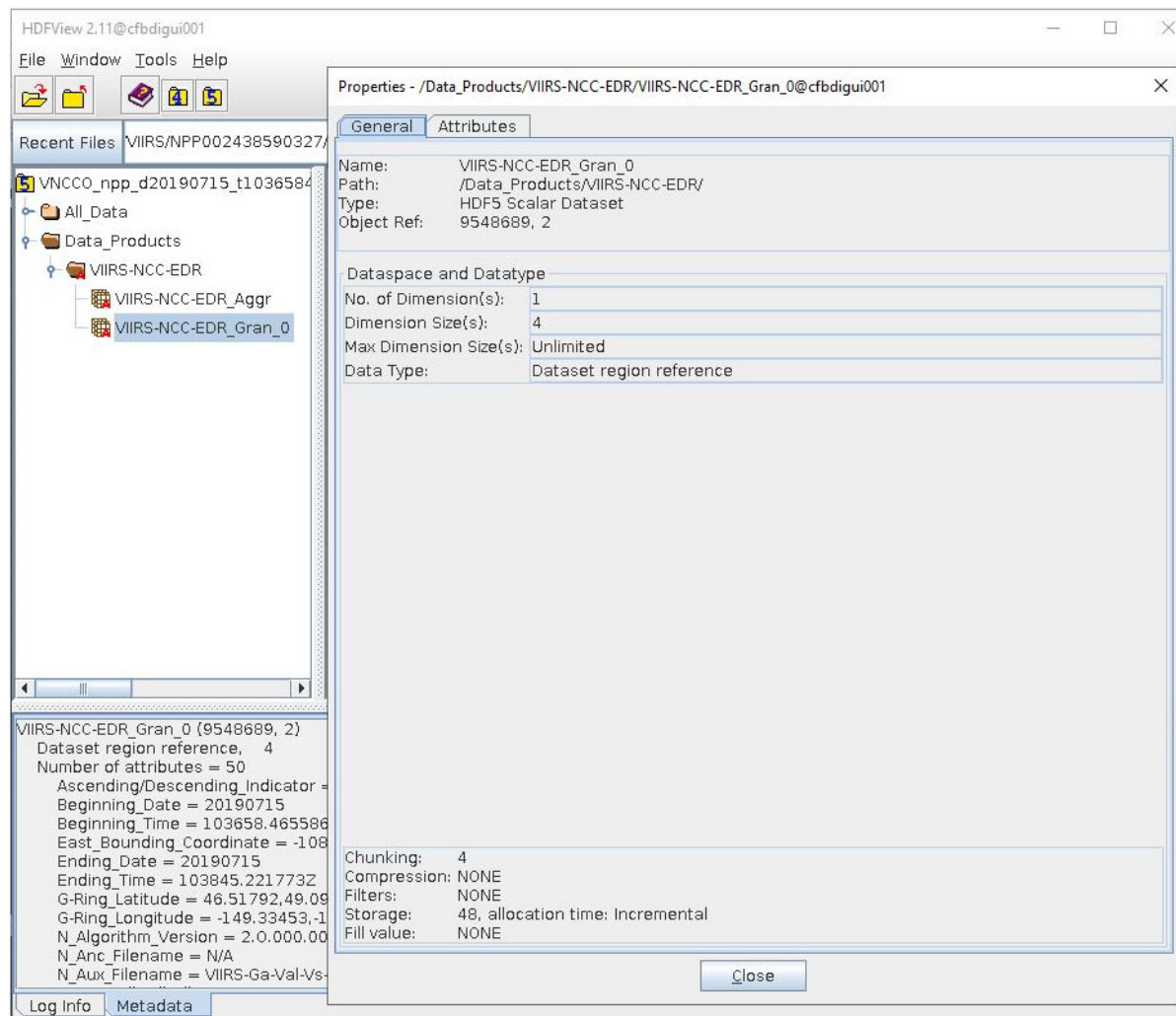
Fields													
Name	Data Size	Dimensions											
		NCC Error (Processing error occurred while trying to produce NCC pixel)	7	MIN_VAL	MAX_VAL	unitless	No		1 bit(s)	Name	Value	Name	Value
												False	0
												True	1

Table 3.5.2.1-4, VIIRS NCC EDR Quality Flag Product Profile Example, shows an example of the JPSS Data Product Profile for Quality Flag 1. The quality flags contained within this byte are listed under “Description” of the “Datum” section. The “Legend Entries” element provides details regarding name/value pairs for each quality flag. This element is used for quality flags with quality bits stored in one or more bytes (quality flags do not cross byte-boundaries). This element is also used for (non-quality flag) data fields that require a legend entry. The legend entry provides bit-level quality flag definitions. The values in the legend are represented as integers while the field (and HDF5 data array) stores them in binary form as unsigned chars. The “Datum Offset” indicates the beginning index within the byte for each quality flag.

The formats for the S-NPP/JPSS Data Product HDF5 files are documented in the applicable JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX, accompanying each data product description.

3.5.3 JPSS HDF5 Data Storage Paradigm

The JPSS HDF5 file does not store datasets directly in each product's granule and aggregation dataset. Instead, HDF5 references are used. Each aggregation array stores one or more HDF5 object IDs (or “Reference Objects”) that must be used to dereference to the entire dataset array stored in the All_Data group. The granule arrays are similar to the aggregation array, but store references to dataset regions. A reference to a dataset region (or “Reference Region”) is shown in Figure 3.5.3-1, VIIRS NCC EDR Granule Properties Example, (VIIRS-NCC-EDR_Gran_0). (Note: Although HDF View 2.4 lists the Data Type in this figure to be “Object reference”, it is more specifically a “Dataset Region reference”. The Dataset Region reference contains the object reference plus an offset to the referenced selection). This set of reference regions and reference objects are intended to provide a road map to the data contained in the All_Data group, it does not exclude direct access to the data via All_Data.

**Figure 3.5.3-1. VIIRS NCC EDR Granule Properties Example**

For the VIIRS NCC EDR, the granule is an array of four elements that stores the object IDs that dereference to each field in the granule:

- Albedo (index 0)
- QF1 VIIRSNCCEDR (index 1)
- PadByte1 (index 2)
- AlbedoFactors (index 3)

Figure 3.5.3-2, VIIRS NCC EDR Granule Contents – Object IDs Example, provides a screen shot of HDF View's ASCII representation of the object IDs stored in the granule. The object ID for each array entry is shown along with the start/end index for each reference.

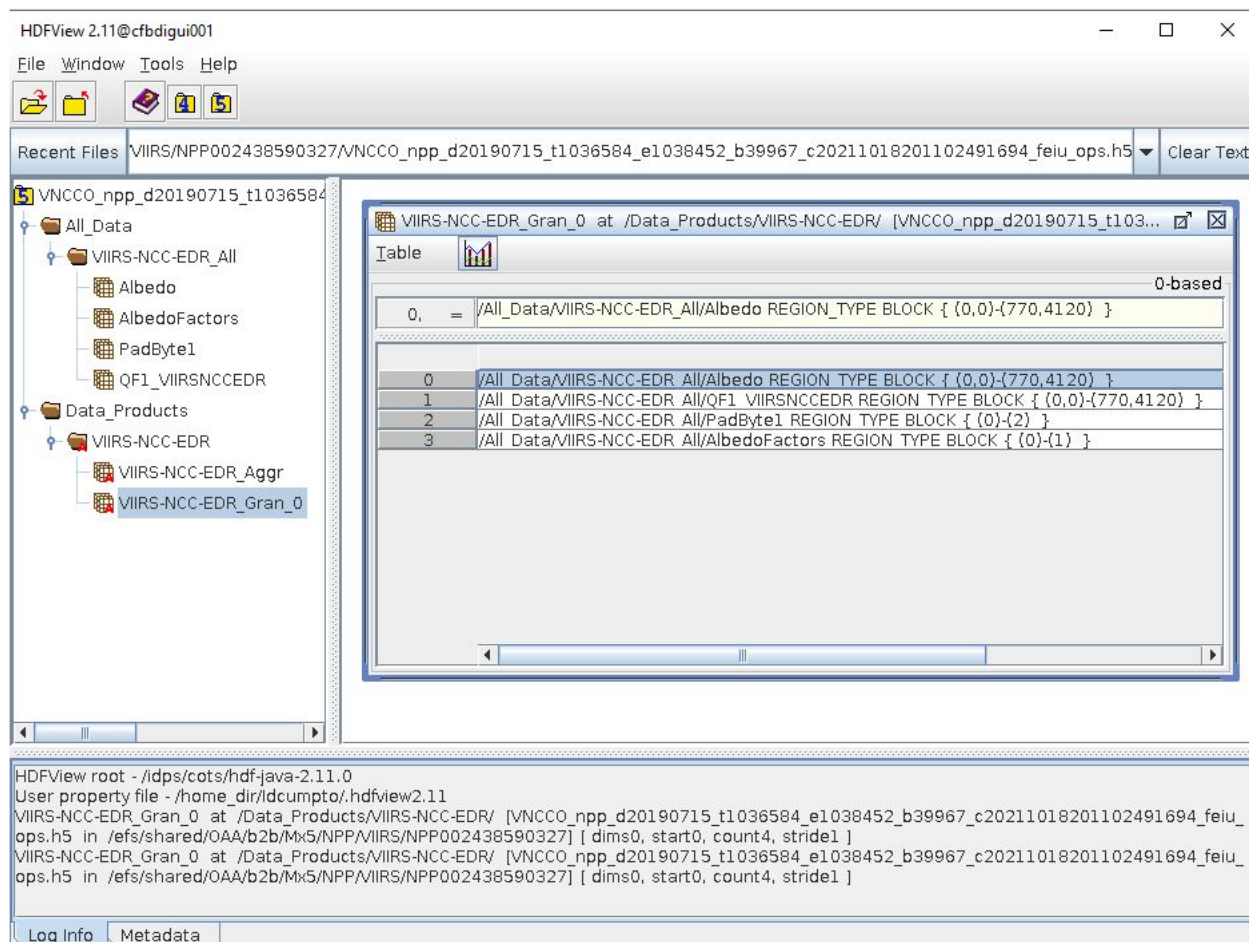


Figure 3.5.3-2. VIIRS NCC EDR Granule Contents – Object IDs Example

The All_Data group stores the entire aggregation of data for each product in a separate array for each field. To get the data for a particular granule for any given field, the object ID must be dereferenced in order to locate and access that granule's data from the All_Data group. The All_Data group directly stores the datasets for each product, but contains no metadata in the HDF5 Attributes. A user may access the data directly through the All_Data group, but would have to read the metadata from the root, product, aggregation, and granule objects and match them manually to the granule they have chosen from All_Data.

Unlike granules, aggregations allow access to the entire dataset particular to a product that is stored in the HDF5 file for any given field. Dereferencing aggregations allows users to quickly read all of the data for a given field in a file. However, the aggregation object under the data products group is an “object reference” or “reference object”. Similar to a granule, the aggregation in this example is an array of size nine and stores nine object IDs that dereference to the beginning of the All_Data group and include the entire set of data (entire dataset array) for that object ID's corresponding field.

HDF View displays the contents of the All_Data group's dataset fields in alphabetical order. This order may not match the order of the object IDs for aggregations and granules. Instead, the object IDs in both the granule and aggregation datasets follow the order listed in the JPSS Data Product Profiles.

3.5.4 Data Product Style Guide

The Data Product Style Guide provides a set of general guidelines for the format and content of SDRs, TDRs, IPs, and EDRs. Since the HDF5 standard is so broad, tailoring the structure for related entities provides a convenience for data producers and data users.

There are three general styles:

- Swath
- Grid
- Sparse Array

For the majority of the S-NPP/JPSS Data Products, the Swath style is used. The Grid and Sparse Array styles are used for IPs. A comprehensive listing of the S-NPP/JPSS Data Products and their relevant styles are in Appendix F, S-NPP/JPSS Data Product Style Guide Matrix.

3.5.4.1 JPSS Swath Style

All non-gridded SDR and most EDRs are swath data products; the swath is a simple 2-, 3-, or n-dimensional array. All swath product outputs are in row-major format, i.e., the first dimension's index varies most slowly and the last dimension's index varies most quickly. The array (i, j) loops through all j's then increments i and loops through all j's again. The first dimension of the swath data represents the AlongTrack direction (row, j). This is the dimension which varies most slowly in looping through an array. The second dimension of the swath represents the CrossTrack direction (i, column) which changes more quickly. Third and higher array dimensions represent information such as bands or layers as dictated by the product. For example, the CrIS and ATMS SDRs contain higher dimensional product types, but are still swath. Also, an atmospheric profile is a case of swath with an altitudinal layer dimension with

layers potentially occurring in the 2nd dimension. Figure 3.5.4.1-1 JPSS Swath Style Example, provides a graphical depiction of the swath style.

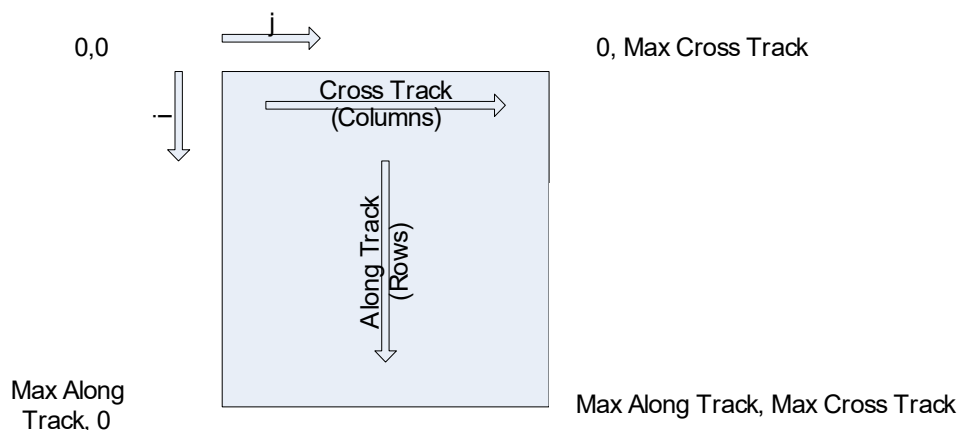


Figure 3.5.4.1-1. JPSS Swath Style Example

3.5.4.1.1 JPSS Swath Style General Product Profile

The general Product Profile for a swath normally contains three sections: Data, Quality Flags, and Scale Factors (as applicable). Scale Factors are used as needed and may not appear for every data product entry; see Appendix H, S-NPP and Applicable JPSS Data Product Scaling for a table of the S-NPP/JPSS Data Products that are scaled. Within each section, field names (dataset arrays) are specified along with their rank and type, the names of each dimension (i.e., AlongTrack, CrossTrack), and their relative expected maximum and minimum sizes (unless dynamic).

In terms of the HDF5 file hierarchy, the swath looks similar to a directory tree with a node for each section entry as can be seen in Figure 3.5.4.1.1-1, JPSS Swath Style General Profile Example.

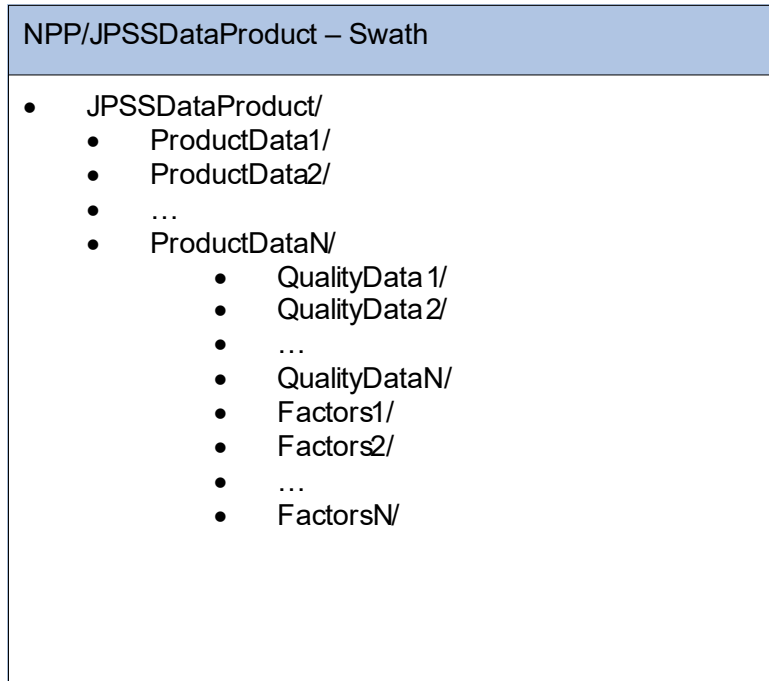


Figure 3.5.4.1.1-1. JPSS Swath Style General Profile Example

Within each directory would be entries for one or more fields and one or more datum elements within each field.

3.5.4.2 JPSS Grid Style

The JPSS Grid style consists of tiles or aggregations of tiles. The dimensions of each tile are static and represent 5° Longitude (at the equator) x 2.5° Latitude. The JPSS Grid style is modeled after the Moderate Resolution Imaging Spectroradiometer (MODIS) land tiling scheme in which Cartesian Space is broken up into 72 x 72 tiles for a total of 5184 tiles. All gridded data product outputs are in row-major format, i.e., the first dimension's index varies most slowly and the last dimension's index varies most quickly. The array (i, j) loops through all j's then increments i and loops through all j's again. The first dimension of the gridded data represents the row (i); the second dimension is the column (j). The third dimension of gridded data represents other information such as bands or layers as dictated by the product. Figure 3.5.4.2-1 JPSS Grid Style, provides a graphical depiction of the grid style.

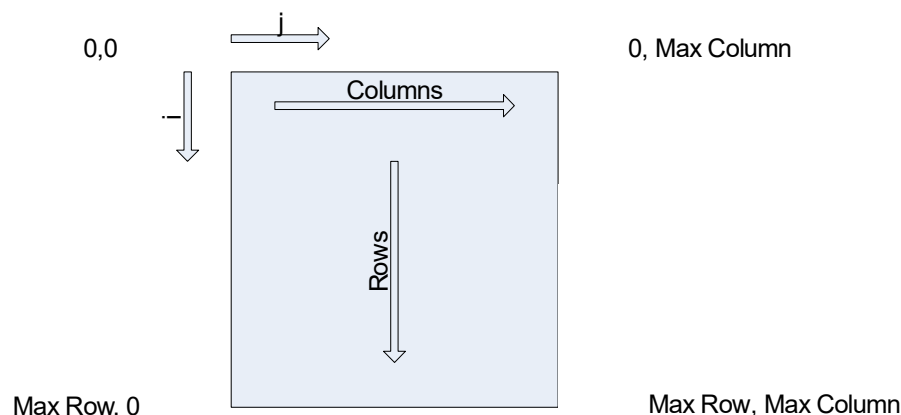


Figure 3.5.4.2-1. JPSS Grid Style

3.5.4.2.1 JPSS Grid Style General Product Profile

The general profile for a grid contains three major sections: Data, Quality Flags, and Scale Factors. Each section can have multiple entries, but there will always be as many scale factors as data elements. Within each section, field names (arrays) are specified along with their rank and type, the names of each dimension, and their relative expected maximum and minimum sizes. Attribute names are specified along with their location.

In terms of the HDF5 file hierarchy, the grid looks similar to a directory tree with a node for each section entry as can be seen in Figure 3.5.4.2.1-1, JPSS Grid Style General Profile Example.

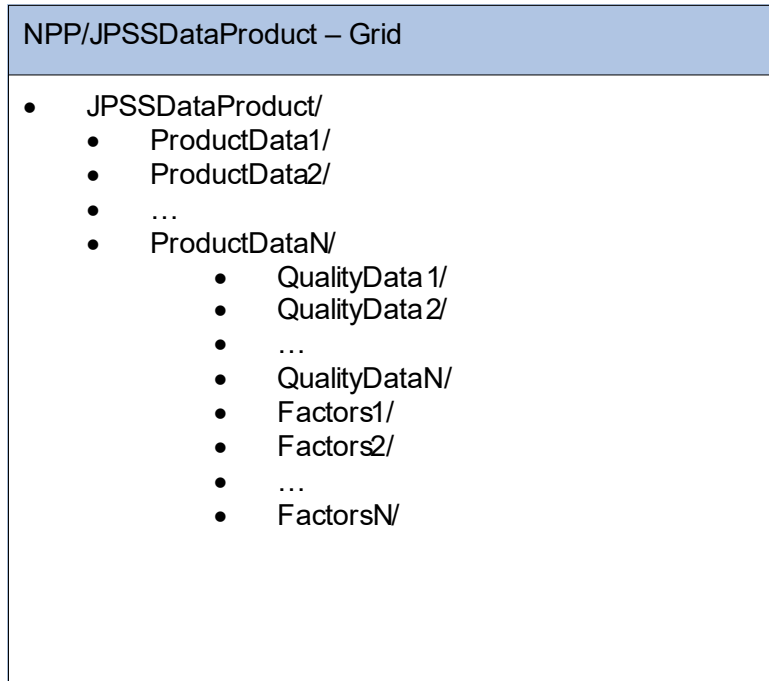


Figure 3.5.4.2.1-1. JPSS Grid Style General Profile Example

Within each directory would be entries for one or more fields and one or more data elements within each field.

3.5.4.3 JPSS Sparse Array Style

The JPSS Sparse Array data style consists of tiles or aggregations of tiles. The first dimension of the sparse data represents the series grid points. The second dimension represents other information such as bands or layers as dictated by the product. A separate array contains an index into the series of grid points representing the *i* and *j* locations. This array is the same size as the first dimension of the sparse data array.

3.5.4.3.1 JPSS Sparse Array General Product Profile

The general product profile for a Sparse Array contains four major sections: Data, Index, Quality Flags, and Scale Factors. Each section can have multiple entries, but there will always be as many scale factors and indices as data elements. Within each section, field names (arrays) are specified along with their rank and type, the names of each dimension, and their relative expected maximum and minimum sizes (unless dynamic). Attribute names are specified along with their location.

In terms of the HDF5 file hierarchy, the sparse array looks similar to a directory tree with a node for each section entry as can be seen in Figure 3.5.4.3.1-1, JPSS Sparse Array Style General Profile Example.

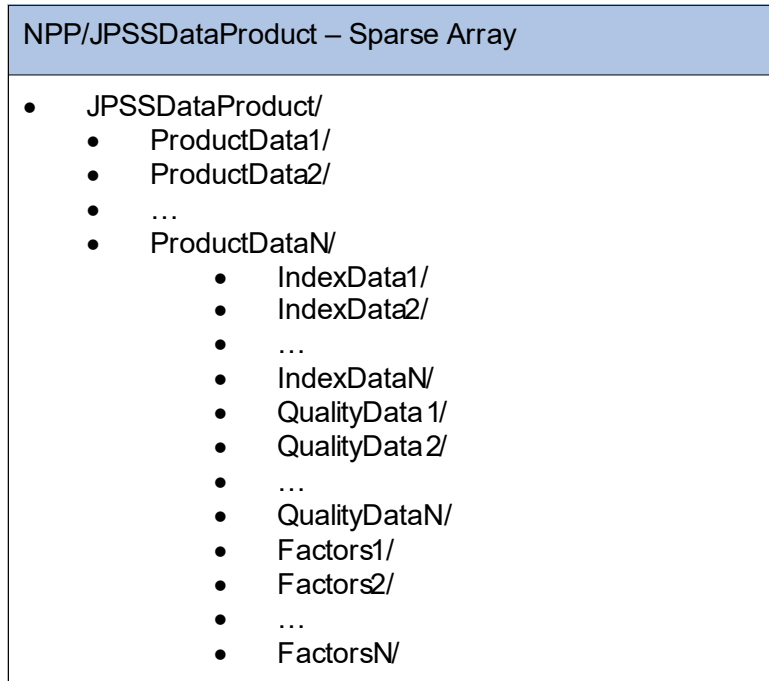


Figure 3.5.4.3.1-1. JPSS Sparse Array Style General Profile Example

Within each directory would be entries for one or more fields and one or more data elements within each field.

3.5.5 Quality Flags

Quality Flags are delivered with most S-NPP/JPSS Data Products and are specific to each granule in a data product. JPSS uses quality flags to:

- Trigger alternate processing paths within EDR generation
- Trigger the use of alternate input data sources during graceful degradation of the EDRs
- Identify occurrences of relaxed EDR performance as defined in Appendix D of the System Specification
- Identify occurrences of performance exclusions or degradations as defined in Appendix D of the System Specification
- Identify conditions under which Data Quality Notification (DQN) Messages should be generated

The overall concept behind the quality flags is to provide for consistently stored, high density quality information about the delivered data. This consistency and storage paradigm is intended to simplify quality flag usability while maintaining storage efficiency. Quality flags are comprised of one or more consecutive bits, generally, in a single byte. All quality flags are provided as 8-bit unsigned characters, either as a single byte or an array of bytes. Since no specific fill values are defined for quality flags, the default fill value is also the initialization

value of zero. The boundary of the data type used for the quality flags is observed and maintained; for example, for quality flags stored in an 8-bit unsigned character, each byte may contain multiple bit-level flags and are arranged in order to not cross byte-boundaries. Due to this fact, there are instances where some quality flag units contain bits that are reserved or meaningless.

Quality flag arrays are structured in the same manner as the data product that they represent. In other words, the size of the arrays are equal to or less than the size of the data to which the quality information applies (the dimensions correspond to the data product arrays). The number of quality flag arrays and their size is dependent on the quality flag definitions and are specific to each product. For specific definitions of quality flags see the appropriate JPSS Data Product data format definition (JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX).

3.5.6 Fill Values

Fill values convey information on a pixel/cell level about missing data. Most fill decisions are done at a pixel/cell level and may result in a 100% granule fill. In a few cases, decisions are made at the granule level. For scan-level information such as spacecraft attitude, it's important to examine the related parameters position and velocity for fill values before interpreting the attitude values as meaningful physical quantities since fill values may in extremely rare situations look like a non-nominal maneuver state. The possible fill values are shown in Table 3.5.6-1, Pixel Level Fill Values.

Table 3.5.6-1. Pixel Level Fill Values

Pixel Level	Definition	Values	
Algorithm Exclusions	The pixel/cell was not computed because it is not applicable to this situation (i.e., NA is the correct answer)	NA_FLOAT64_FILL	-999.9
		NA_INT64_FILL	-999
		NA_FLOAT32_FILL	-999.9
		NA_INT32_FILL	-999
		NA_UINT32_FILL	2 ³² -1
		NA_UINT16_FILL	65535
		NA_INT16_FILL	-999
		NA_UINT8_FILL*	255
		NA_INT8_FILL*	127
Missing at Time of Processing	C3S provided a fill value, the S/C did not provide the value, or AP missing	MISS_FLOAT64_FILL	-999.8
		MISS_INT64_FILL	-998
		MISS_FLOAT32_FILL	-999.8
		MISS_INT32_FILL	-998
		MISS_UINT32_FILL	2 ³² -2
		MISS_UINT16_FILL	65534
		MISS_INT16_FILL	-998

Pixel Level	Definition	Values	
		MISS_UINT8_FILL*	254
		MISS_INT8_FILL*	126
Onboard Pixel Trim	The VIIRS pixel was trimmed on the S/C (e.g., overlap omitted)	ONBOARD_PT_FLOAT64_FILL	-999.7
		ONBOARD_PT_INT64_FILL	-997
		ONBOARD_PT_FLOAT32_FILL	-999.7
		ONBOARD_PT_INT32_FILL	-997
		ONBOARD_PT_UINT32_FILL	2 ³² -3
		ONBOARD_PT_UINT16_FILL	65533
		ONBOARD_PT_INT16_FILL	-997
		ONBOARD_PT_UINT8_FILL*	253
		ONBOARD_PT_INT8_FILL*	125
On-ground Pixel Trim	The VIIRS pixel was trimmed during processing (i.e., we intentionally chose not to process the pixel)	ONGROUND_PT_FLOAT64_FILL	-999.6
		ONGROUND_PT_INT64_FILL	-996
		ONGROUND_PT_FLOAT32_FILL	-999.6
		ONGROUND_PT_INT32_FILL	-996
		ONBOARD_PT_UINT32_FILL	2 ³² -4
		ONGROUND_PT_UINT16_FILL	65532
		ONGROUND_PT_INT16_FILL	-996
		ONGROUND_PT_UINT8_FILL*	252
		ONGROUND_PT_INT8_FILL*	124
Cannot Calculate	The algorithm could not compute the pixel/cell because of a software or hardware problem (e.g., could not converge to a solution)	ERR_FLOAT64_FILL	-999.5
		ERR_INT64_FILL	-995
		ERR_FLOAT32_FILL	-999.5
		ERR_INT32_FILL	-995
		ERR_UINT32_FILL	2 ³² -5
		ERR_UINT16_FILL	65531
		ERR_INT16_FILL	-995
		ERR_UINT8_FILL*	251
		ERR_INT8_FILL*	123
Ellipsoid Intersection Failed	The observation does not intersect the earth's surface This is an indication of a calibration maneuver.	ELLIPSOID_FLOAT64_FILL	-999.4
		ELLIPSOID_INT64_FILL	-994
		ELLIPSOID_FLOAT32_FILL	-999.4
		ELLIPSOID_INT32_FILL	-994

Pixel Level	Definition	Values	
		ELLIPSOID_UINT32_FILL	2 ³² -6
		ELLIPSOID_UINT16_FILL	65530
		ELLIPSOID_INT16_FILL	-994
		ELLIPSOID_UINT8_FILL*	250
		ELLIPSOID_INT8_FILL*	122
Value Does Not Exist	The data was not available - it is not missing, nor is any attempt made to calculate the data	VDNE_FLOAT64_FILL	-999.3
		VDNE_INT64_FILL	-993
		VDNE_FLOAT32_FILL	-999.3
		VDNE_INT32_FILL	-993
		VDNE_UINT32_FILL	2 ³² -7
		VDNE_UINT16_FILL	65529
		VDNE_INT16_FILL	-993
		VDNE_UINT8_FILL*	249
		VDNE_INT8_FILL*	121
Scaling Out Of Bounds	The scaled data was out of bounds of the data type	SOUB_FLOAT64_FILL	-999.2
		SOUB_INT64_FILL	-992
		SOUB_FLOAT32_FILL	-999.2
		SOUB_INT32_FILL	-992
		SOUB_UINT32_FILL	2 ³² -8
		SOUB_UINT16_FILL	65528
		SOUB_INT16_FILL	-992
		SOUB_UINT8_FILL*	248
		SOUB_INT8_FILL*	120

*Note regarding 8-bit fills vs 8-bit HDF5 data types: 8-bit unsigned/signed data types have fill values labeled UINT8/INT8 while they are packaged in the HDF5 file as H5T_NATIVE_UCHAR/H5T_NATIVE_CHAR.

3.5.6.1 Missing Granules

In the case of missing granules, the following will be delivered for all packaging scenarios:

1. For EDR/SDR/TDR/IPs – The missing granule's arrays will be delivered containing a fill value of Missing with default metadata. See the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01 for metadata defaults.
2. For RDRs – The entire missing granule will be represented as an empty dataset

There are also a few special cases where all fill granules may be produced:

1. For granules containing both day and night, pixel level fill will be created up to the entire granule – delivery of these granules follows the same caveats listed for missing granules
2. Granules created with 100% night observations for those VIIRS EDRs that only retrieve for daytime conditions will contain all fill – delivery of these granules follows the same delivery rules listed for missing granules contained in an aggregation. For single granules, they are delivered with the appropriate metadata and the granule will contain all fill data.
3. For all cases, refer to the N_Granule_Status metadata element, included in the delivered HDF5 Data Product file, for an indication of the granule status, be it missing at time of delivery or not existing for a particular reason.

3.5.7 Geolocation Packaging

There are two options for receiving Geolocation data for S-NPP/ JPSS Data Products (Note: RDR data products are always delivered with Packaging On - the Spacecraft Attitude and Ephemeris Data, Spacecraft Diary is always packaged together with the Science, Calibration and Diagnostic data.):

- Packaging Off – For all data products with the same geolocation data, deliver only one geolocation HDF5 file and reference the geolocation HDF5 file from each corresponding data product HDF5 file per request. Each data product requested is also delivered in a separate HDF5 file.
- Packaging On – Package all data products sharing the same geolocation data in a single HDF5 file and include their corresponding geolocation data in the HDF5 file with the data products per request.

To make these options more clear, here is an example: a user makes a request from Data Delivery for six data products.

- o The request is for two SDRs and four EDRs
 - SDR1, SDR2, EDR1, EDR2, EDR3, and EDR4
- o Two of the data products (SDR1 and EDR1) apply to the same geolocation file (GEO1)
- o The other four data products (SDR2, EDR2, EDR3, and EDR4) apply to the same geolocation file (GEO2), which is different from that of the first two (SDR1 and EDR1)

Figure 3.5.7-1, Data Product Request Example, shows the delivered results of this request graphically.

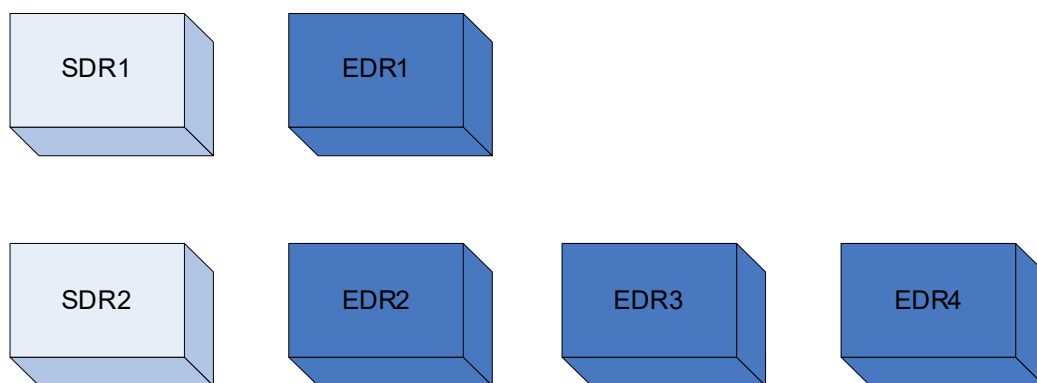


Figure 3.5.7-1. Data Product Request Example

Figure 3.5.7-2, Packaging Off Example, depicts how the six data products would be delivered using the option of Packaging Off. The two data products (SDR1 and EDR1) would be delivered as separate files with a metadata attribute (N_GEO_Ref) that indicates which geolocation file contains the relevant geolocation information. The user would receive a total of three files, two data product HDF5 files and one geolocation HDF5 file. The same scenario holds for the other four data products; a total of five HDF5 files would be delivered – four data product HDF5 files and one HDF5 geolocation file.

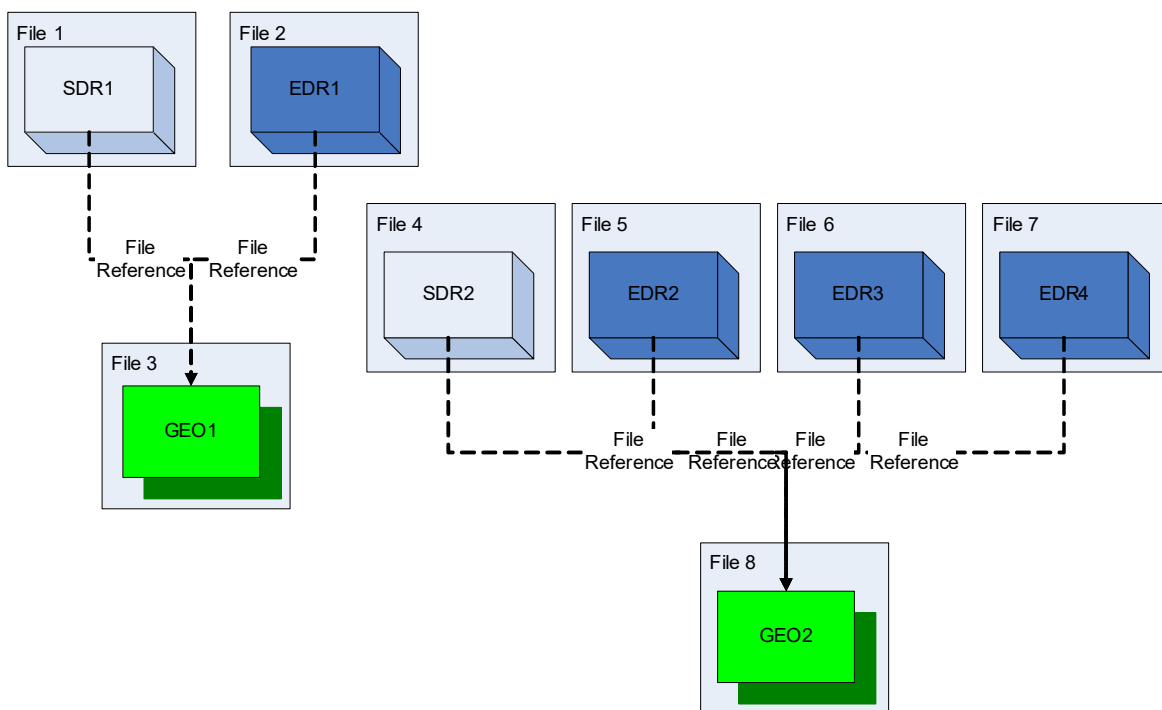


Figure 3.5.7-2. Packaging Off Example

Figure 3.5.7-3, Packaging On Example, depicts how the six data products would be delivered using the option of Packaging On. The two data products (SDR1 and EDR1) and their relevant geolocation information would all be delivered in a single HDF5 file. The user would then receive one HDF5 file for the two data products with common geolocation information and one HDF5 file for the other four data products with their common geolocation information.

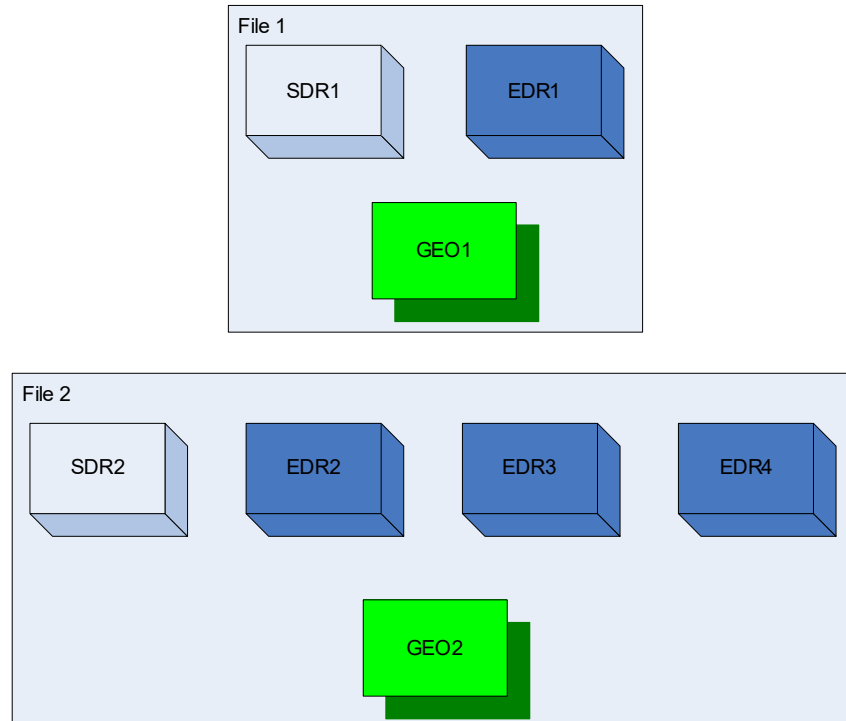


Figure 3.5.7-3. Packaging On Example

3.5.7.1 Generalized Geolocation HDF5 Model

Due to the packaging options available for delivery of S-NPP/ JPSS Data Products, there are two Generalized UML Diagrams associated with Geolocation files. Figure 3.5.7.1-1, Generalized Geolocation HDF5 Diagram – Packaging Off, provides the UML diagram for a standalone Geolocation HDF5 file. Figure 3.5.7.1-2, Generalized Geolocation HDF5 Diagram – Packaging On, provides the UML diagram for the incorporated Geolocation information included in an S-NPP/ JPSS Data Product HDF5 file.

The asterisk next to certain metadata items in the UML diagrams indicates that these fields are only present when applicable. If not applicable, these metadata items will not appear at all in the output HDF5 file.

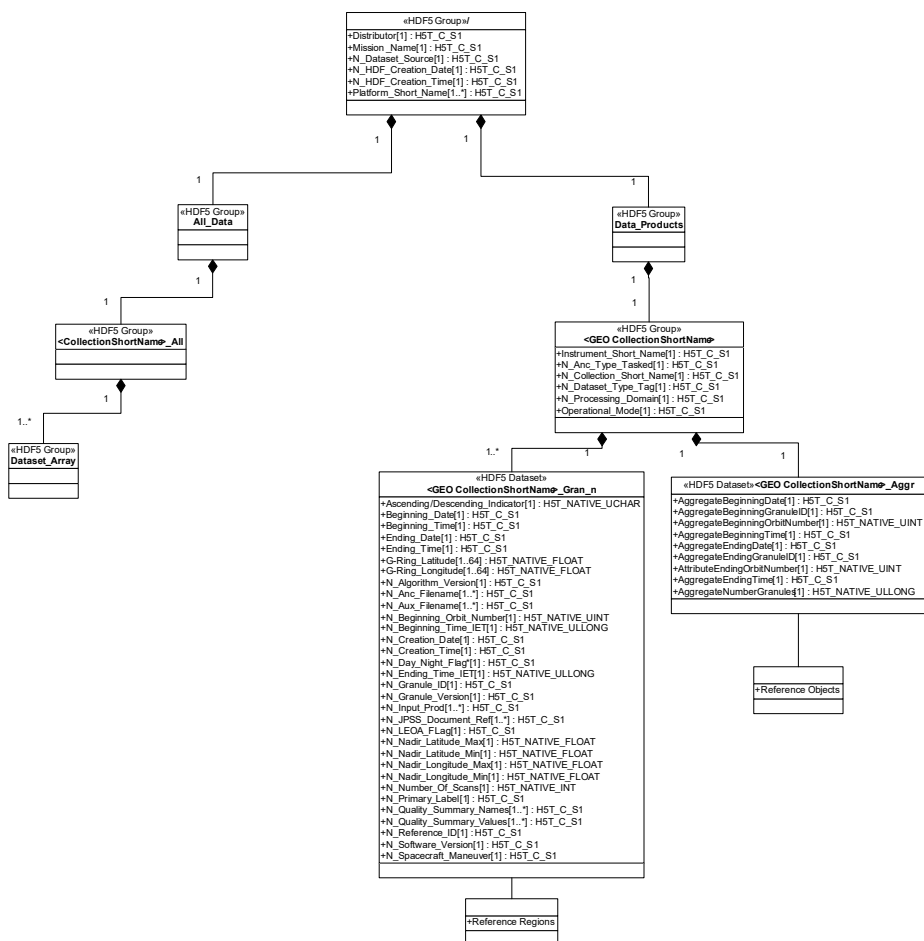


Figure 3.5.7.1-1. Generalized Geolocation HDF5 Diagram – Packaging Off



Repair granules of S-NPP/JPSS Data Products originate from two sources:

- This section describes the automatic repair of S-NPP/JPSS Data Products based on the receipt of late arriving or updated application packets. Manual repairs are initiated by the IDP Operator and can occur for a variety of procedural reasons. Regardless of the reason for a repair granule, the version of the granule is updated accordingly; see the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for more information on the granule versioning scheme.

RDR Granules are the beginning of all S-NPP/JPSS Data Product processing. Under normal conditions, Application Packets (APs) are broadcast from the Spacecraft to the Command,

Control, and Communications Segment (C3S), delivered to the IDPS for collection into granules, and tasked for processing. For various reasons, including sensor and spacecraft mode changes, ends of contact, and simple loss of data, JPSS may not receive all or any of the data for an RDR granule. If this is the case, then a non-nominal condition occurs and the system has to take action to mitigate this loss in order to still release all available data. In order to handle these non-nominal conditions, IDPS has configurable timeouts and thresholds to ensure that all data is appropriately tasked and delivered to the community.

For processing to begin on an RDR granule, a percentage of the expected Application Packets for that granule must be received and collected by IDPS. The required percentage, or threshold, of APs is configured on a per product basis at the IDP and is set based on the performance and latency requirements for JPSS. The percentages are expressed as a percentage of the total number of expected APs for each specific RDR granule type.

RDR granules have two paths in the data flow, processing and delivery. RDR granules that meet their allocated thresholds or are 100% complete are released for processing by the system (in order to create subsequent S-NPP/JPSS Data Products). As long as an RDR granule contains at least one valid AP, it is always released for delivery. Figure 3.5.8.1-1, RDR Granule Data Flow Diagram, provides a graphical depiction of the data flow for APs and the decisions used to determine whether or not the system should be tasked or re-tasked to perform processing on any given RDR granule. The rest of this section walks through the various strategies that are implemented for RDR Granule data flow in IDPS.

Each of the conditions described below provide the versioning that is associated with the resulting RDR granules. For more information on the various versioning for the S-NPP/JPSS Data Products, see the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for the definition and range of values for the `N_Granule_Version` metadata attribute.

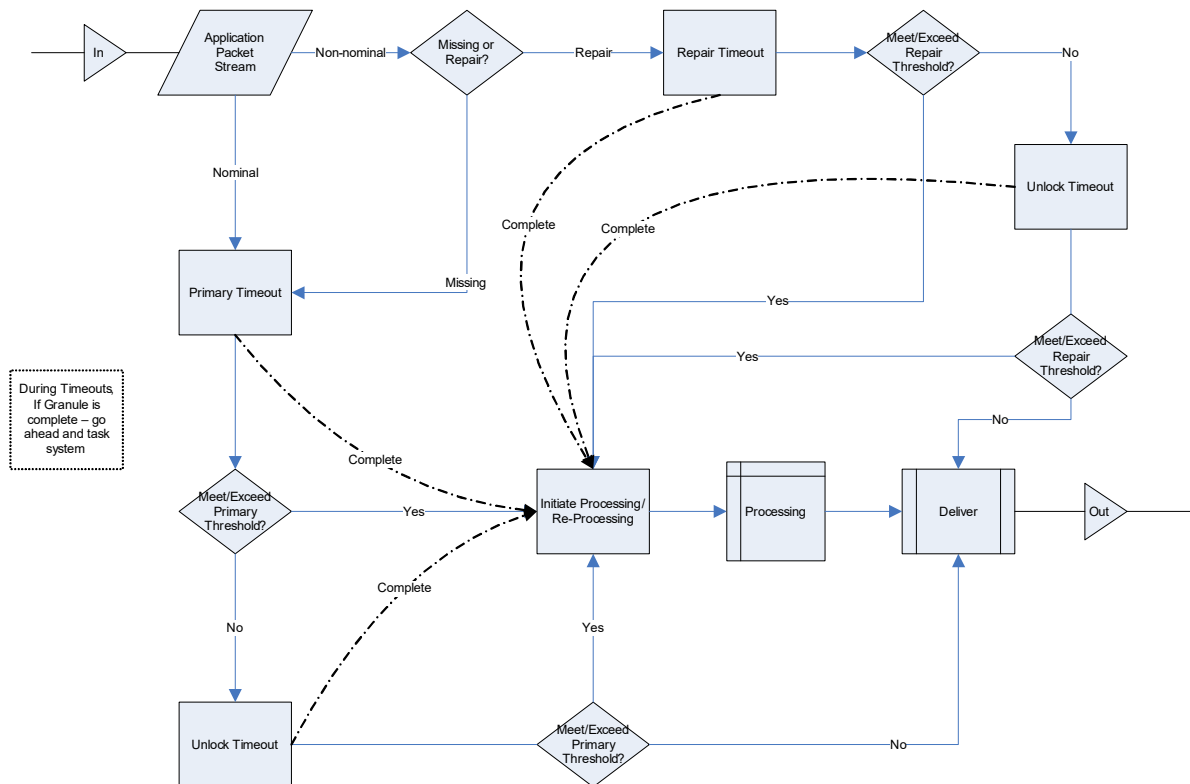


Figure 3.5.8.1-1. RDR Granule Data Flow Diagram

3.5.8.2 Timeouts and Thresholds

The release of incomplete RDR granules for processing and/or delivery is accomplished with two pairs of timeouts and thresholds. Timeouts are used to trigger an analysis of RDR granules for completeness and are based on when an RDR granule was initially created (either as a new granule in the system or as an update to an existing granule). There are 3 timeouts in the data flow for RDR granules:

- Primary Timeout – timeout for holding back an RDR granule from processing to allow for completion of the granule, when granule has not reached 100% completion
- Repair Timeout – timeout for holding back a repaired RDR granule from processing to allow for completion of the granule, when granule has not reached 100% completion
- Unlock Timeout – timeout for holding back a newly created or repaired RDR granule from processing to allow for completion of the granule, when granule has not reached 100% completion
 - o Used once the Primary Timeout or Repair Timeout has expired in order to provide a second chance for missing/late APs to arrive

- o A relatively long duration to provide the maximum amount of time to get data, under nominal conditions, all data that can be received by IDPS for a particular granule will have been received by the expiration of the Unlock Timeout

Thresholds are a minimum value that constitute a successful percent complete for an RDR granule in order to release it for processing. Granule completion is tested against the threshold values when one of the above timeouts has expired. There are two thresholds in the data flow for RDR granules:

- Primary Threshold – threshold used for the nominal flow (including for missing/late RDR granules), based on a reasonable amount of time to receive all the data for a given granule in a nominal circumstance; compared with data once the Primary or Unlock (following Primary) Timeout has occurred.
- Repair Threshold – threshold used for the non-nominal flow (specifically for repaired granules), generally set to a higher value than the Primary Threshold; compared with data once the Repair or Unlock (following Repair) Timeout has occurred.

3.5.8.3 Nominal Flow

Under nominal conditions, IDPS receives APs in such a manner as to facilitate the creation of complete RDR granules. These granules are stored and the system is tasked to process these granules as appropriate while the system continues the collecting APs. When the first AP of an RDR Granule is received, the Primary Timeout is begun for that granule. If at any time during that timeout, the RDR granule is 100% complete, the granule is released for processing and delivery. Once the timeout expires, the RDR granule is compared against the Primary Threshold for completeness. If the percent complete of the RDR granule meets or exceeds the allocated threshold, then the granule is released for processing and delivery. In the event that the RDR granule does not meet the Primary Threshold, the Unlock Timeout is begun. Just as in the case of the Primary Timeout, if at any point during the Unlock Timeout the RDR granule is made 100% complete, the granule is released for processing and delivery. Once the timeout expires, the RDR granule is again tested against the Primary Threshold to see if the granule is complete to begin processing and delivery. If the granule does not meet or exceed the Primary Threshold at this point, the granule is released for delivery, but not for processing. Figure 3.5.8.3-1, Nominal RDR Granule Data Flow Diagram, provides a graphical depiction of the data flow for the RDR granules under nominal conditions. Being the first instance of a given RDR granule, the version of these RDR granules is A1.

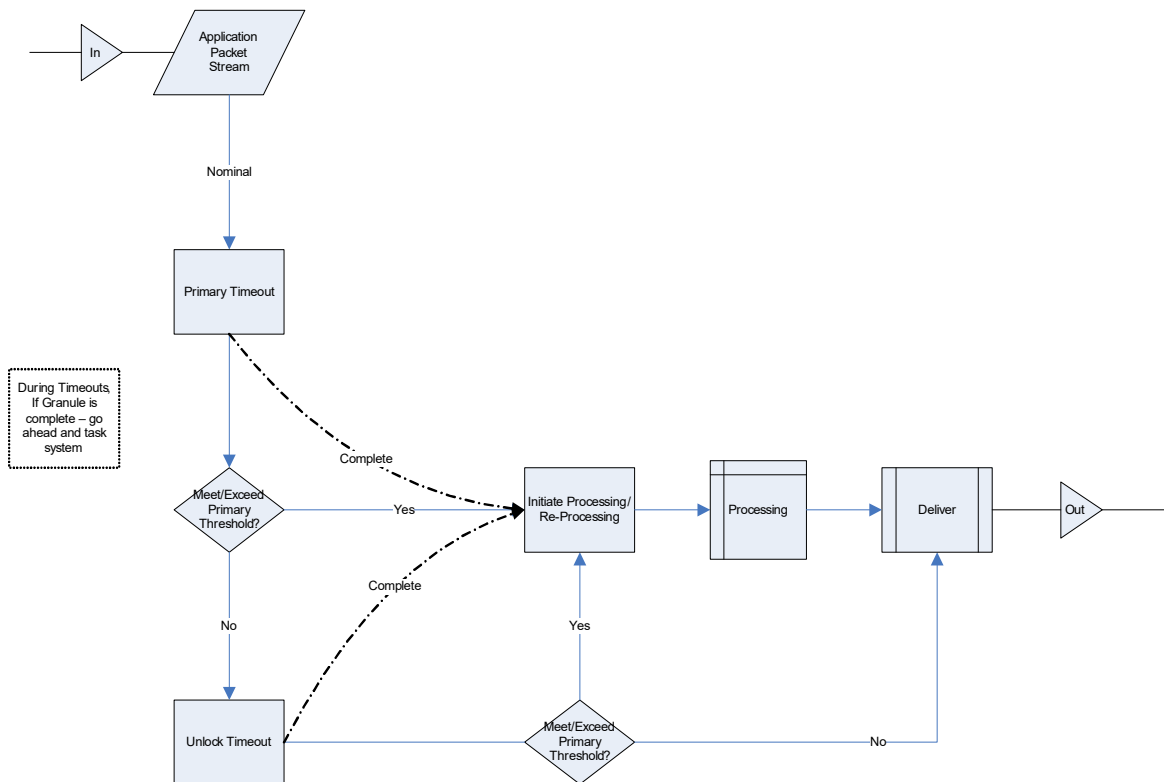


Figure 3.5.8.3-1. Nominal RDR Granule Data Flow Diagram

3.5.8.4 Non-Nominal Flow

Non-nominal data flow is described by two separate cases: Missing/Late and Repair RDR Granules. Missing/Late RDR Granules are circumstances where an entire RDR granule is missing. A missing RDR granule indicates that none of the APs that are included in a specific granule (covering a particular temporal range) were delivered to IDPS for one reason or another. Repair RDR granules are circumstances where at least one of the APs that are included in a specific granule was not delivered to IDPS. The following sections describe how these cases are handled.

3.5.8.4.1 Missing/Late RDR Granules

Missing/Late RDR Granules utilize the same Primary Timeout, Primary Threshold, Unlock Timeout, Unlock Threshold values and data flow as the nominal case for RDR Granules. Figure 3.5.8.4.1-1, Non-Nominal Missing/Late RDR Granule Data Flow Diagram, provides a graphical depiction of the data flow for Missing/Late RDR granules. Since these RDR granules are the first instances of any given granule, their versioning is the same as that of the Nominal RDR Granules, A1.

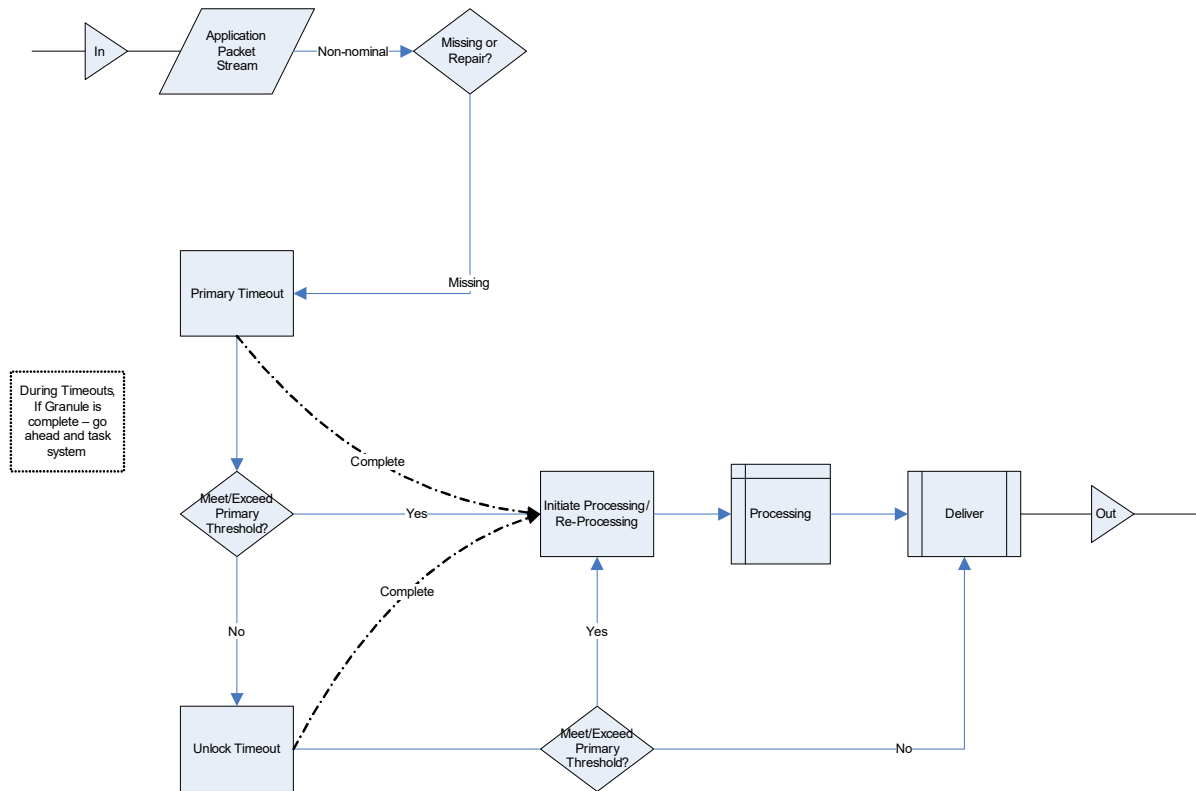


Figure 3.5.8.4.1-1. Non-Nominal Missing/Late RDR Granule Data Flow Diagram

3.5.8.4.2 Repaired RDR Granules

Repaired RDR Granules follow the same data flow paradigm as the Missing/Late RDR Granules and the Nominal RDR Granules, but there are some differences. A Repaired RDR Granule is indicative of an RDR granule that has already gone through data flow described in the Nominal RDR Granule case, but was not 100% complete. These granules may or may not have met or exceeded their respective Primary Thresholds and hence, may or may not have had any processing performed on them, but they would have been released for delivery. Upon a retransmit of APs from C3S to IDPS, IDPS identifies whether the APs being received are associated with an already existing RDR granule, or if a new RDR granule needs to be produced. If a new RDR granule is to be produced, then the Non-nominal Missing/Late RDR Granule path is followed. In the event that the RDR granule already exists, IDPS makes a copy of the RDR granule and includes the retransmitted APs in that granule. These granules are identified in the system by an update to their granule version (this value is also included in the HDF5 file metadata attribute, `N_Granule_Version`).

Once a Repair RDR Granule has been identified and created, IDPS determines whether to use a Primary or Repair Timeout for the granule. If the granule has previously been released for processing, a Repair Timeout is begun. If the granule has not previously been released for processing, a Primary Timeout is begun. As in the nominal case, if at any point during the

timeout the RDR Granule becomes 100% complete (no fill value APs, see the applicable JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX, for more information on AP fill values, and no missing APs) the RDR granule is released for processing and delivery.

Otherwise, once the appropriate timer (either Primary or Repair Timeout) expires, the percentage of APs contained in the granule is compared with the appropriate threshold (Primary Threshold when using the Primary Timeout, Repair Threshold when using the Repair Timeout). If the threshold is met or exceeded by the RDR Granule, then the RDR granule is released for processing and delivery. Like the nominal case for RDR granules, an Unlock Timeout is begun if the RDR granule does not meet or exceed the threshold. Again, during the Unlock Timeout period, if the RDR granule reaches 100% complete, it is released for processing and delivery. Once the Unlock Timeout expires, the RDR granule is compared again to the appropriate threshold to determine if the RDR granule content is adequate for processing or if it is only adequate for delivery.

It is important to note, in the event that a Repaired RDR Granule is released for processing, only that granule is re-tasked for processing by JPSS – this includes its immediate descendants (only those downstream granules having the same Granule ID). As background, every RDR granule in JPSS is assigned a unique granule identifier (provided in the metadata as `N_Granule_ID`). This identifier is passed on to all granules created as a result of a particular granule being tasked for processing. If a Repaired RDR Granule is tasked for processing, only those granules that are created due to the tasking of that granule are updated with the Repaired RDR Granule data. Those granules in the system that may have utilized the original RDR granule for their processing, (for example, due to a nearest-neighbor calculation) will not be updated or re-processed.

As an example for Repaired RDR Granules being released or not for processing and/or delivery:

- Assumptions
 - o Primary Threshold is set to 90% for RDR A
 - o Repair Threshold is set to 96% for RDR A
 - o All of this example occurs within a 24-hour period
- IDPS receives 91% of the APs for an RDR A granule
- This exceeds the 90% Primary Threshold – following the Primary Timeouts the RDR granule is released for processing
 - o Release of RDR A Granule, version A1 for processing and delivery
- Some time later, 4% more of the packets arrive, giving 95% accumulation
 - o The Repair Timeout is set and expires, but the Repair Threshold is not met, therefore the Unlock Timeout is set
 - o The Unlock Timeout expires, this granule is not released for processing since it is under the 96% Repair Threshold
 - RDR A Granule, version A2 is released for delivery
- In nominal situations, no further data would ever be received for this granule (since the Unlock Timeout is set to provide time for receipt of all possible data), but if additional data was somehow received, IDPS would create a new version of the RDR and follow the same sequence of Repair & Unlock timeouts to decide whether to release and/or process the granule

Figure 3.5.8.4.2-1, Non-Nominal Repaired RDR Granule Data Flow Diagram, provides a graphical depiction of the data flow for Repaired RDR granules.

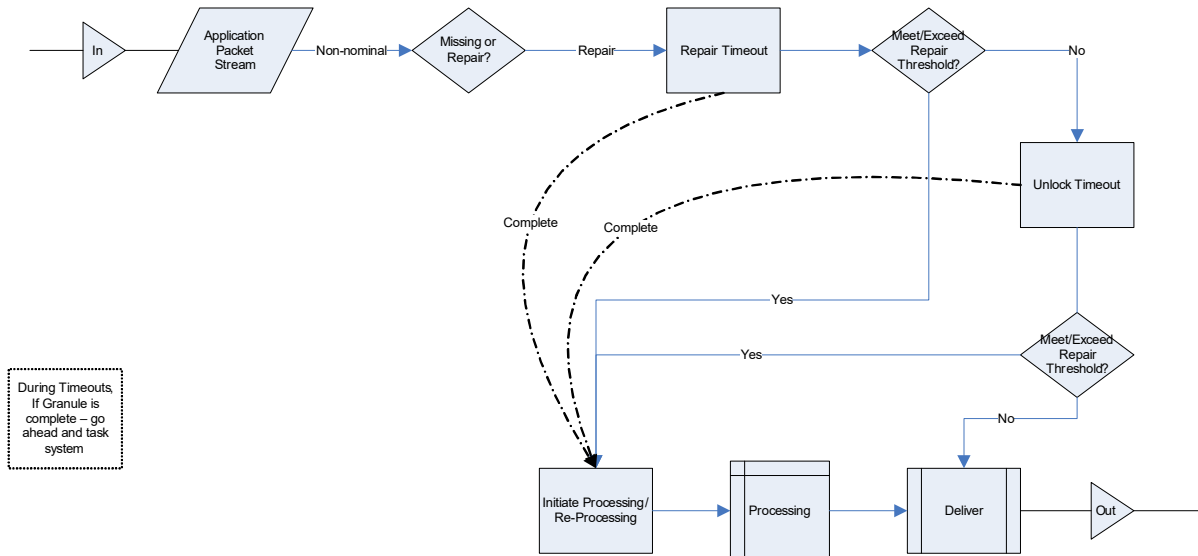


Figure 3.5.8.4.2-1. Non-Nominal Repaired RDR Granule Data Flow Diagram

3.5.8.4.3 S-NPP/JPSS Data Product Versioning

All S-NPP/JPSS Data Products are associated with a granule ID and granule version. Granule version and granule ID information is provided in the HDF5 file of the delivered S-NPP/JPSS Data Products in the granule metadata attributes, N_Granule_Version and N_Granule_ID. As indicated in 3.5.7, Repair Granules, the RDR granules have a granule version of the form A[1...n], where n represents the number of times that the granule is updated. For all other S-NPP/JPSS Data Products, additional information may be appended to the RDR granule version to indicate the status of the granule as it is processed through the system.

Granules other than RDR granules may append information to their originating RDR granule version number using the following convention:

[M|C][Identifier]^{0...1}[.s]

- The “M” indicates that the granule did not already exist in the system and had to be created by the IDP operator. This capability exists so that if there are failures in the system that the IDP Operator needs to recover from, the deliverable products can be created and delivered.

- The “C” indicates that the granule has been re-created. The ‘C’ value will always be followed by an ‘Identifier’. This granule could be created due to the fact that the IDP Operator identified a need to have an additional copy of a particular granule.
- The “Identifier” value is a 64-bit integer representing the processing identifier (PID) of the process that created the granule.
- The “.s” is indicative that only a single process was instantiated by the IDP operator. This capability is restricted to non-operational domains.

For more information on granule versioning (metadata element N_Granule_Version) see the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01.

3.5.9 S-NPP/JPSS Data Product Timestamps

All S-NPP/JPSS Data Products provide timestamps for the products in the metadata provided via the HDF5 files. There are 6 timestamps provided:

- Beginning_Date
- Beginning_Time
- Ending_Date
- Ending_Time
- N_Beginning_Time_IET
- N_Ending_Time_IET

For Raw Data Records (RDR), these timestamps are based on the predicted granule times and will never have overlaps/gaps between successive granules. RDR granules are collections of data based on successive periods. Granule periodicity (or duration) is sensor specific and is selected to ensure optimal performance of the processing system. Application Packets (AP) are placed into these granules based on the timestamp in the AP header and the beginning and ending times of the granule.

For OMPS Calibration RDRs, these timestamps are based on the receipt time of the first application packet, and will not reflect the predicted granule times. The granule boundaries are selected to ensure that the entire OMPS calibration record is encapsulated by a single granule, rather than conforming to predicted boundaries. This ensures that the calibration is preserved as a single granule, rather than being split into successive granules.

For Sensor Data Records (SDR), Temperature Data Records (TDR), Intermediate Products (IP), Environmental Data Records (EDR), Geolocation (GEO) data, these timestamps are based on the actual observation time period. Since these timestamps are based on the actual observation time of the Earth View data of the data product included in the granule, gaps and overlapping time periods between successive granules will occur. An exception to this is for that of dynamically sized products where the timestamps are based on the actual observation times for the entire granule as derived from the SDR (as opposed to the Earth View data contained in the product). Gaps will occur due to the physical characteristics of the Sensor. All of the Sensors have periods of delay between successive Earth Observations, and for some (for example VIIRS), the non-earth observations are also performed between successive Earth Observations. Since the timestamps for non-RDR Data products are based on Earth View Observations, these periods of delay will translate into gaps between successive granules. Overlaps primarily occur in Imagery

EDRs and their GEO due to the projection of the data from sensor space to Ground Track Mercator (GTM) space (these products result in data from 3 successive SDR granules). Other gaps or overlaps may occur due to missing granules in the delivery (for example, granules missing at the time of aggregation) since for these granules, the timestamps will be based on the predicted granule times in the absence of actual times.

In the case where data products are requested as aggregations of granules, if there are missing granules (provided as fill data in order to maintain a contiguous data set) which are located at the beginning or ending of the set, the predicted time from the parent granule is used.

Note: Though the observation times of the data products do not match one for one, the granule ID and other traceability information is provided in the data product for any correlations necessary to get from RDR to EDR. See the JPSS Algorithm Specification Volume II: Data Dictionary for the Common Algorithms, 474-00448-02-01, for more information on traceability with the S-NPP/JPSS Data Products.

For Auxiliary Data (AUX) delivered as HDF5 files produced outside of the IDPS, the beginning times and ending times will be based on start and end effectivity times from the AUX filename as received by IDPS. For AUX generated within the IDPS, the beginning times will be based on either the granule start time, if the AUX is produced specifically for one or will be based upon the current time when the AUX was. The Ending times will always be unbounded (all zeros) for AUX produced by IDPS.

3.5.10 Chunking Details for S-NPP/JPSS HDF5 files

Chunking is a feature of HDF5 which improves performance by optimizing file input/output. The HDF5 glossary defines chunking as:

“A storage layout where a dataset is partitioned into fixed-size multi-dimensional chunks. Chunking tends to improve performance and facilitates dataset extensibility.”

For any product output by IDPS in HDF5 format, the chunking is set to the granule size. The HDF5 API and tools will extract the data correctly regardless of chunking size, but users who desire to replicate the HDF5 file structure as produced by IDPS may also want to replicate the chunking size for accuracy.

3.5.11 DDS Aggregation Methodology

The aggregation allocation used by DDS is based on the number of granules in an aggregation bucket. Based on the aggregation period defined by the user, DDS is able to calculate the aggregation buckets and, using a simple indexing formula, can identify which aggregation bucket a given granule belongs to. Thus, the internal predicted start time⁷ of a specific granule is used to identify the index of the granule as it relates to the user defined aggregation period.

The DDS method for producing aggregations employs a configuration based nominal granule sizes for each and every product coupled with the IET epoch time of 0. The nominal granule size is based on the internal predicted Granule ID sizing of granules, and should not be confused with the maximum observed granule sizes described in the JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX. This information, along with the user specified aggregation period, is used by DDS to perform a simple calculation to derive the number of granules per aggregation bucket, N. Then, beginning from 0 IET, DDS can calculate any bucket interval based on the parameters of the request.

- DDS calculates the number of granules per aggregation bucket, N , based on the user requested aggregation period, X , and the nominal granule size, Y .

$$N = \left\lfloor \frac{X}{Y} \right\rfloor$$

- For each granule, DDS identifies which aggregation bucket (or aggregation index) the granule goes into, A_n , based on the predicted Granule Start Time, G_s , the nominal duration of the specific product granule, Y , and the number of granules per aggregation bucket, N .

$$A_n = \left\lfloor \frac{G_s}{N * Y} \right\rfloor$$

- Each aggregation bucket start time, A_s , and end time, A_e , can then easily and deterministically be constructed based on the aggregation index, A_n , the nominal granule size, Y , and the number of granules per aggregation bucket, N . (Note: Aggregation allocation is only by calculation - in other words, buckets are not pre-allocated spaces in memory.) The aggregation bucket start/end times are aligned with the predicted granule boundaries. The offset, O , between the predictive granule boundaries and the IET epoch time of 0 is used to align aggregation bucket.

$$O = G_s \text{ Module } Y$$

$$A_s = A_n * (Y * N) + O$$

$$A_e = A_s + (Y * N)$$

- DDS uses the nominal granule size, Y , and the predicted granule start time, G_s , in the preceding equations to determine aggregations. However, external users attempting to re-aggregate HDF5 files may have limited access to both the nominal granule sizes and the predicted granule start/end times. To determine these values, external users have 2 available options:
 - Retrieve the corresponding RDRs by granule ID from CLASS or IDPS. The granule and aggregation start/end time metadata of the RDRs is populated with the predicted granule start/end times, G_s and G_e . These values can be used for any SDR/TDR/EDR/GEO/IP granules that share the same sensor and granule ID. The nominal granule size, Y , can easily be calculated by subtracting any one of the granule start times from its associated granule end time.
 - Retrieve the JPSS Software Release Package that corresponds to the `N_Software_Version` metadata from the source HDF5 file. The IDPS configuration files contain the values for the nominal granule sizes, Y . To determine the nominal granule size of a product, the Collection Short Name (CSN) of the data product should be translated to its associated Product Short Name (PSN) via the `INF_CLOG_CFG.xml` configuration file. Then the nominal granule size can be determined by looking up the granule size by PSN in the `INF_UTIL_GRAN_CFG.xml` configuration file. Additionally, the time of the first ascending node after launch for the applicable spacecraft is necessary, see Table 3.5.12-1. Using the granule ID, G_{id} , of a given granule its predicted granule start/end times, G_s and G_e , can then be calculated.

$$\text{TPM} = 100000 \text{ tenths per microsecond}$$

$$P = 99999 \text{ microseconds}$$

$$G_n = \left\lfloor \frac{(G_0 + \text{TPM} * P)}{N * Y} \right\rfloor$$

$$G_s = (G_n * Y) + T_0$$

$$G_e = G_s + Y$$

Table 3.5.12-1. Time of First Ascending Node after Launch

Spacecraft	Time of First Ascending Node after Launch (IET)
S-NPP	1698019234000000
JPSS-1	1698019234000000
JPSS-2	1698019234000000
JPSS-3	1698019234000000
JPSS-4	1698019234000000
GCOM-W1	1715904034000000
GOSAT-GW	1767225635000000

- DDS selects which granules to deliver based on the user specified temporal range (along with any other request parameters, such as geospatial constraints).
 - DDS selects granules based on the internal predicted granule start and end times. (Note: Internal predicted granule start and end times are reflected in the RDR begin and end time as these are based directly on the GranuleID utility and not observation time.) The predicted granule start and end times are close to the actual observed times for a given granule, but are not exactly the same. To account for the difference between the predicted and observed granule times, DDS applies a small amount of padding to the start and end of the user's temporal range to guarantee that the entire requested range is delivered.
- Aggregations that overlap the request start boundary, T_a , or end boundary, T_b , only include the granules matching the time period requested by the user. Granules within an aggregation but outside of the user requested time period are not included in the delivered file. Aggregations at the request boundaries are the only ones that will contain fewer than N granules.
- Granules are collected for each aggregation. Once 100% of the expected number of granules are received or the DDS delivery timeout expires, DDS creates the HDF5 aggregation file in preparation for delivery.

Since the actual, or observed, duration of an individual granule is not a factor in determining its aggregation bucket allocation, granule times that vary based on the sensor do not impact the deterministic nature of constructing aggregations. Also, since the predictive time of the granules

is the time used to determine placement, any overlaps or short falls in the timing do not affect the aggregation bucket allocations derived by DDS.

In Figure 3.5.12-1, Aggregation Bucket Method, all times except for the user request period are specified in terms of predicted granule times. The padding provision for the user request ensures the user gets, at a minimum, the data they were requesting.

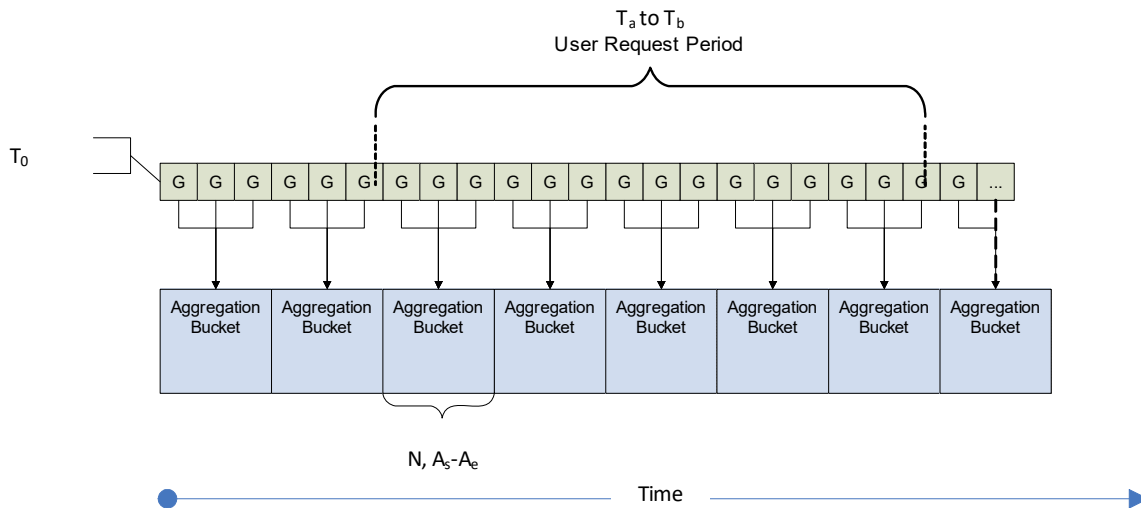


Figure 3.5.12-1. Aggregation Bucket Method

This approach results in the following three generalized results of aggregation by DDS. The first, shown in Figure 3.5.12-2, Aggregation User Request Example 1, demonstrates an instance where the user request temporal range aligns with the aggregation bucket start time. In this example, the delivered HDF5 files, Files 1 through to $N-1$ (second to last delivered HDF5 file), contain the full number of granules afforded to the aggregation period.



Figure 3.5.12-2. Aggregation User Request Example 1

Figure 3.5.12-3, Aggregation User Request Example 2, conveys the more nominal behavior that can be expected based on user requests temporal ranges not aligning with the start time of an

aggregation bucket. Instead, the request start time falls in the midst of an aggregation bucket and results in the first and, possibly last, HDF5 files containing fewer granules than the aggregation period specifies.

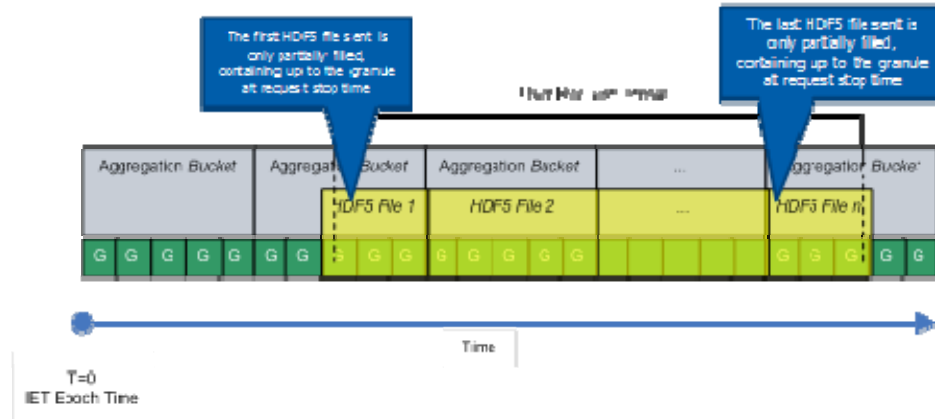


Figure 3.5.12-3. Aggregation User Request Example 2

In those instances where a user is attempting to request a very specific aggregation of files, such as an attempt to re-request a file due to errors in delivery or ingest, the user may specify exactly the period covered by the aggregation bucket. In an event such as this, the user would have the begin and end time of interest, pulling back the begin and end times by half a product granule size, in order to ensure that the request interval is within the aggregation bucket size but still large enough to ensure capture of all of the granules of interest. Figure 3.5.12-4, Aggregation User Request Example 3, provides a depiction of this. As a note, in the event where the exact time period is provided in the request, the user may receive up to 3 files (one from the aggregation bucket prior to the request and one after, as well as the aggregation of interest), but would be assured delivery, at a minimum, of the aggregation of interest.

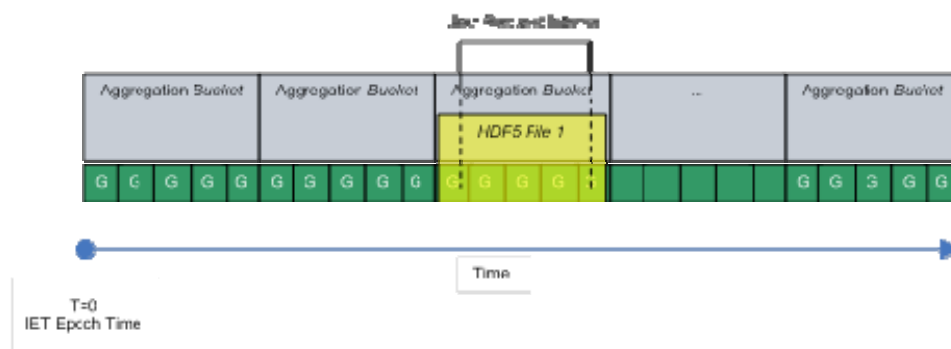


Figure 3.5.12-4. Aggregation User Request Example 3

3.5.12 HDF5 Data Compression

S-NPP/JPSS Data Products can also be delivered with the larger datasets compressed within a given file. HDF5 is a general purpose file format and library designed and developed by the National Center for Supercomputing Applications (NCSA). More information on HDF5 may be found in Section 3.5. HDF5 data compression is enabled, and when selected, is applied to a

fixed subset of SDRs, TDRs, EDRs, and IPs. HDF5 data compression is accomplished via internal HDF5 calls to a shuffle filter and the gzip library, which implements lossless compression for each applicable dataset within a given file. The latest versions of standard HDF5-based tools such as HDFView will read the compressed data products in a manner that is transparent to the end user. The dataset and file sizes provided in this document are for uncompressed datasets. Dataset and file sizes for compressed data will be variable, but a compression ratio of 3:1 is generally achievable for the largest products.

Please see Appendix J for additional details on compression ratios for each product. Appendix J provides example sizes of files and their compressed data sets.

3.6 Data Delivery Report Production

Data Delivery Reports (DDR) and Consolidated Data Delivery Reports (CDDR) are reports listing all of the file transfers, successful and failed, to a particular destination over a configurable period. These reports contain information about the distributed data including: filename, directory location and other format information as defined in the JPSS CDFCB-X, Vol. VI, 474-00001-06.

DDRs are produced describing the data delivered either over a pre-defined, IDP configured period based on a time period (e.g., all files delivered in the past 15 minutes) or when the number of files delivered reaches a threshold, whichever comes first. These reports are delivered on a per destination basis as a mechanism by which users of the IDPS/DDS can both validate (filename, file size, checksum) delivered HDF5 files as well as identify any/all missing HDF5 files from their landing zone. DDRs are delivered via the same method (S-FTP, FCP, etc.) and to the same directory destination as the data it is reporting.

If a Destination entry exists in the IDP then it will continue to receive DDRs at the IDPS configured interval (time period/ number of files) – regardless of requests (active, inactive, non-existent).

CDDRs are similar in construct and delivery as the DDRs. The primary differences between the CDDRs and DDRs is that CDDRs must be requested and their delivery is driven only by time period, as configured at the IDP.

The configuration values associated with DDR & CDDR creation and delivery are used as events to trigger production. This allows flexibility in the content reported while ensuring 100% coverage, without overlap, in the DDR/CDDR reporting. Therefore, DDRs and CDDRs only report the transfer results which are available at the time of their creation.

The timestamps of the DDRs and CDDRs reflects the time period covering the data included in the report. There are instances where a file transfer reporting will occur after a DDR/CDDR is created and shipped and is subsequently reflected in the next DDR/CDDR. In these instances, the timestamps in the filename and the report are modified from the predictive start/stop times based on the IDP configuration to account for the data included in the report. This modification may result in overlaps of time, but will never result in a gap.

Note: DDR/CDDR End Time will always be greater than or equal to the Start Time of the next DDR/CDDR.

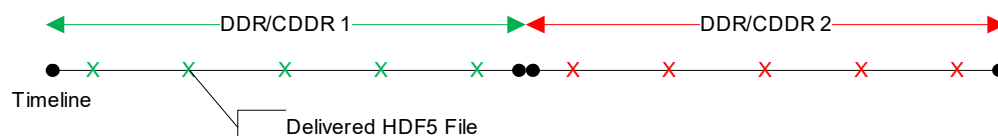


Figure 3.6-1. DDR/CDDR Timing Example – Nominal

Figure 3.6-1, DDR/CDDR Timing Example – Nominal, depicts the timing of the DDR/CDDRs where no file transfers occur close to the time of the DDR/CDDR production event. In this case the end time reported in DDR/CDDR 1 will equal the start time of DDR/CDDR 2.

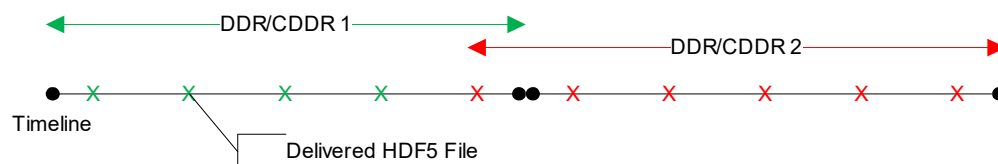


Figure 3.6-2. DDR/CDDR Timing Example – Missed Transfer Status

Figure 3.6-2, DDR/CDDR Timing Example – Missed Transfer Status, conveys an instance where a file transfer occurred close to the time of the DDR/CDDR production event. Due to the latency associated with database transactions, that transfer event wasn't recorded in the database at the time the DDR/CDDR creation since the information wasn't available and was not recorded in the resulting DDR/CDDR. Since the start and end times for DDR/CDDR 1 are configuration driven, when DDR/CDDR 2 production is triggered, an inspection of the database indicates that there is transfer information that is older than the expected configuration driven start time.

In order to account for this additional record, the start time for DDR/CDDR 2 is modified to reflect the timestamp associated with the transfer information that wasn't reported in DDR/CDDR 1.

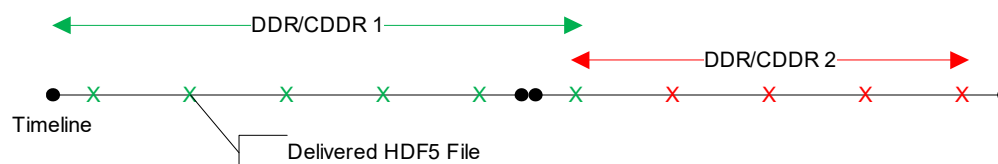


Figure 3.6-3. DDR/CDDR Timing Example – Additional Transfer Status

Figure 3.6-3, DDR/CDDR Timing Example – Additional Transfer Status, shows a case where a file transfer occurred close to the time the creation of the DDR/CDDR was triggered. In order to deliver the information to the users as timely as possible, this additional transfer record is included in the DDR/CDDR since the information is available at the time the DDR/CDDR production event is triggered. As a result, information for transfer X gets reported in DDR/CDDR 1 and end time for DDR/CDDR 1 is modified to reflect the timestamp associated with X. The timestamp for X will also be recorded and used as the start time for both the timer used to trigger DDR/CDDR production and the start time of DDR/CDDR 2.

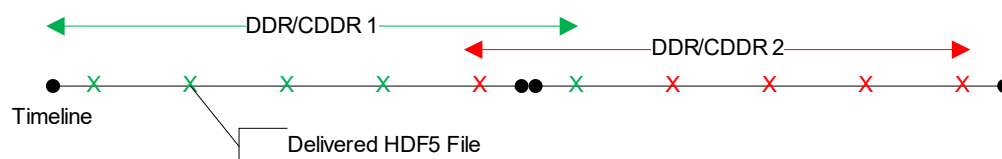


Figure 3.6-4. DDR/CDDR Timing Example – Transfer Record Overlap

Figure 3.6-4, DDR/CDDR Timing Example – Transfer Record Overlap, demonstrates an example where there are two file transfers occurring close to the time the DDR/CDDR creation event is triggered. In order to provide for timely delivery of the information available, DDR/CDDR1 includes the later file in its reporting. Also at the time of DDR/CDDR creation there is a file transferred that the status is not readily available for inclusion into DDR/CDDR 1 and is therefore left to the next DDR/CDDR, DDR/CDDR2. As a result, the End Time for DDR/CDDR 1 is modified to reflect the time stamp associated with the later file and the Start Time for DDR/CDDR 2 is later modified, from being originally set to equal the End Time of DDR/CDDR 1, to that of the earlier file now included in the report.

Note: For DDRs, there is the additional factor of the number of files. This configuration value is handled in much the same way as the configured time period. The only difference being that it can trump the event trigger in lieu of the time period, otherwise the paradigm holds true. To be clearer, the configured time period and number of files values are used to trigger the event for the production of the DDRs and CDDRs and do not hold strict compliance over the content of the reporting.

APPENDIX A: S-NPP/JPSS DATA PRODUCT COLLECTION SHORT NAMES

The following table represents the Data Mnemonics, Identifiers, Collection Short Names, and Collection Long Names for each JPSS Data Product and for Geolocation data. These represent the metadata elements that are used for designating data products in GUIs, Reports, Auxiliary Data, Messages, and reference documents.

Table A-1. Raw Data Record Identifiers and Data Mapping

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0030	RATMS	ATMS-SCIENCE-RDR	ATMS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0031	RATMT	ATMS-TELEMETRY-RDR	ATMS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0032	RATMD	ATMS-DIAGNOSTIC-RDR	ATMS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0035	RATMM	ATMS-DUMP-RDR	ATMS Memory Dump RDR	SNPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0036	RATMW	ATMS-DWELL-RDR	ATMS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0030	RCERS	CERES-SCIENCE-RDR	CERES Science RDR	S-NPP/JPSS-1	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0031	RCERT	CERES-TELEMETRY-RDR	CERES Telemetry RDR	S-NPP/JPSS-1	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0032	RCERD	CERES-DIAGNOSTIC-RDR	CERES Diagnostic RDR	S-NPP/JPSS-1	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0030	RCRIS	CRIS-SCIENCE-RDR	CrIS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0031	RCRIT	CRIS-TELEMETRY-RDR	CrIS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0032	RCRID	CRIS-DIAGNOSTIC-RDR	CrIS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0035	RCRIU	CRIS-DUMP-RDR	CrIS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0036	RCRIH	CRIS-HSKDWELL-RDR	CrIS Housekeeping Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0046	RCRIM	CRIS-SSMDWELL-RDR	CrIS Scene Selection Module (SSM) Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0056	RCRII	CRIS-IMDWELL-RDR	CrIS Interferogram Module (IM) Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0030	RONPS	OMPS-NPSCIENCE-RDR	OMPS Nadir Profile Science RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0031	ROTCS	OMPS-TCSCIENCE-RDR	OMPS Nadir Total Column Science RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0032	ROLPS	OMPS-LPSCIENCE-RDR	OMPS Limb Profile Science RDR	S-NPP JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0034	ROLPT	OMPS-TELEMETRY-RDR	OMPS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

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474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0035	ROLPM	OMPS-DUMP-RDR	OMPS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0036	ROLPD	OMPS-DWELL-RDR	OMPS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0037	RONPC	OMPS-NPCALIBRATION-RDR	OMPS Nadir Profile Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0038	ROTDC	OMPS-TCDIAGCAL-RDR	OMPS Nadir Total Column Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0039	ROLPC	OMPS-LPCALIBRATION-RDR	OMPS Limb Profile Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0050	ROTC	OMPS-TCDIAGNOSTIC-RDR	OMPS Nadir Total Column Diagnostic Earth View RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0051	ROTCC	OMPS-TCCALIBRATION-RDR	OMPS Nadir Total Column Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0052	RONPD	OMPS-NPDIAGNOSTIC-RDR	OMPS Nadir Profile Diagnostic Earth View RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0053	RONDC	OMPS-NPDIAGCAL-RDR	OMPS Nadir Profile Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0054	ROLE1	OMPS-LPDIAGEXPONE-RDR	OMPS Limb Profile Diagnostic Exposure #1 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0055	ROLDC	OMPS-LPDIAGCAL-RDR	OMPS Limb Profile Diagnostic Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

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474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0056	ROLE2	OMPS-LPDIAGEXPTWO-RDR	OMPS Limb Profile Diagnostic Exposure #2 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0057	ROFSW	OMPS-FSWBU-RDR	OMPS Flight Software Bootup Status RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0030	RNSCA	SPACECRAFT-DIARY-RDR	NPP Spacecraft Diary – Attitude and Ephemeris RDR	S-NPP	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0040	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-1 Spacecraft RDRs – Attitude and Ephemeris	JPSS-1	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0050	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-2 Spacecraft RDRs – Attitude and Ephemeris	JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTN-C0040	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-1 Spacecraft RDRs –Telemetry	JPSS-1	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTP-C0031	RNSCT	SPACECRAFT-TELEMETRY-RDR	NPP Spacecraft – Telemetry RDR	S-NPP	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTN-C0050	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-2 Spacecraft RDRs – Telemetry	JPSS-2	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0030	RVIRS	VIIRS-SCIENCE-RDR	VIIRS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0031	RVIRT	VIIRS-TELEMETRY-RDR	VIIRS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0032	RVIRD	VIIRS-DIAGNOSTIC-RDR	VIIRS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

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474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0035	RVIDU	VIIRS-DUMP-RDR	VIIRS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0036	RVITD	VIIRS-TELDIAG-RDR	VIIRS Telemetry Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-AMS2-C0033	RAM2M	AMSR2-MISSIONDATA-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 2 (AMSR2) Mission Data	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-AMS2-C0034	RAM2P	AMSR2-PCDSUPP-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 2 (AMSR2) PCD Supplemental Data	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-AMS2-C0035	RAM2G	AMSR2-GPSR-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 2 (AMSR2) GPSR Data	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-31: JPSS DD Vol II, Pt 31	RDRE-AMS3-C0037	RAM3M	AMSR3-MISSIONDATA-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 3 (AMSR3) Mission Data	GOSAT-GW	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-31: JPSS DD Vol II, Pt 31	RDRE-AMS3-C0036	RAM3T	AMSR3-TELEMETRY-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 3 (AMSR3) Telemetry	GOSAT-GW	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0030	RATMS	ATMS-SCIENCE-RDR	ATMS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0031	RATMT	ATMS-TELEMETRY-RDR	ATMS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS	X CG ES-L00030

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02								ESPC ICD	
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0032	RATMD	ATMS-DIAGNOSTIC-RDR	ATMS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0035	RATMM	ATMS-DUMP-RDR	ATMS Memory Dump RDR	SNPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0036	RATMW	ATMS-DWELL-RDR	ATMS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0030	RCERS	CERES-SCIENCE-RDR	CERES Science RDR	S-NPP/JPSS-1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0031	RCERT	CERES-TELEMETRY-RDR	CERES Telemetry RDR	S-NPP/JPSS-1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0032	RCERD	CERES-DIAGNOSTIC-RDR	CERES Diagnostic RDR	S-NPP/JPSS-1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0030	RCRIS	CRIS-SCIENCE-RDR	CrIS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0031	RCRIT	CRIS-TELEMETRY-RDR	CrIS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0032	RCRID	CRIS-DIAGNOSTIC-RDR	CrIS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0035	RCRIU	CRIS-DUMP-RDR	CrIS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0036	RCRIH	CRIS-HSKDWELL-RDR	CrIS Housekeeping Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS	X CG ES-L00030

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03								ESPC ICD	
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0046	RCRIM	CRIS-SSMDWELL-RDR	CrIS Scene Selection Module (SSM) Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0056	RCRII	CRIS-IMDWELL-RDR	CrIS Interferogram Module (IM) Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0030	RONPS	OMPS-NPSCIENCE-RDR	OMPS Nadir Profile Science RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0031	ROTCS	OMPS-TCSCIENCE-RDR	OMPS Nadir Total Column Science RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0032	ROLPS	OMPS-LPSCIENCE-RDR	OMPS Limb Profile Science RDR	S-NPP JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0034	ROLPT	OMPS-TELEMETRY-RDR	OMPS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0035	ROLPM	OMPS-DUMP-RDR	OMPS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0036	ROLPD	OMPS-DWELL-RDR	OMPS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0037	RONPC	OMPS-NPCALIBRATION-RDR	OMPS Nadir Profile Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0038	ROTDC	OMPS-TCDIAGCAL-RDR	OMPS Nadir Total Column Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-28: JPSS DD Vol II, Pt	RDRE-OMPS-C0039	ROLPC	OMPS-LPCALIBRATION-RDR	OMPS Limb Profile Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS	X CG ES-L00030

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28								ESPC ICD	
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0050	ROTC	OMPS-TCDIAGNOSTIC-RDR	OMPS Nadir Total Column Diagnostic Earth View RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0051	ROTCC	OMPS-TCCALIBRATION-RDR	OMPS Nadir Total Column Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0052	RONPD	OMPS-NPDIAGNOSTIC-RDR	OMPS Nadir Profile Diagnostic Earth View RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0053	RONDC	OMPS-NPDIAGCAL-RDR	OMPS Nadir Profile Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0054	ROLE1	OMPS-LPDIAGEXPONE-RDR	OMPS Limb Profile Diagnostic Exposure #1 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0055	ROLDC	OMPS-LPDIAGCAL-RDR	OMPS Limb Profile Diagnostic Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0056	ROLE2	OMPS-LPDIAGEXPTWO-RDR	OMPS Limb Profile Diagnostic Exposure #2 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0057	ROFSW	OMPS-FSWBU-RDR	OMPS Flight Software Bootup Status RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0030	RNSCA	SPACECRAFT-DIARY-RDR	NPP Spacecraft Diary – Attitude and Ephemeris RDR	S-NPP	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0040	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-1 Spacecraft RDRs – Attitude and Ephemeris	JPSS-1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt	RDRE-SCAE-C0050	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-2 Spacecraft RDRs – Attitude and Ephemeris	JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS	X CG ES-L00030

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08								ESPC ICD	
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGW-C0033	RWSCS	SPACECRAFT-SYSTEM-RDR	Unstructured RDR containing Spacecraft GCOM-W1 System Telemetry	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGW-C0034	RWSCR	SPACECRAFT-RTPCD-RDR	Unstructured RDR containing Spacecraft GCOM-W1 real-time PCD supplemental data	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGW-C0035	RWSCO	SPACECRAFT-ATTORBIT-RDR	Unstructured RDR containing Spacecraft GCOM-W1 Attitude and Orbit data	GCOM-W1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGG-C0036	RWSCS	SPACECRAFT-SYSTEM-RDR	Spacecraft GOSAT-GW; System Telemetry RDR	GOSAT-GW	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGG-C0037	RWSCO	SPACECRAFT-ATTORBIT-RDR	Spacecraft GOSAT-GW 1 Attitude and Orbit RDR	GOSAT-GW	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTN-C0040	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-1 Spacecraft RDRs – Telemetry	JPSS-1	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTP-C0031	RNSCT	SPACECRAFT-TELEMETRY-RDR	NPP Spacecraft – Telemetry RDR	S-NPP	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTN-C0050	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-2 Spacecraft RDRs – Telemetry	JPSS-2	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0030	RVIRS	VIIRS-SCIENCE-RDR	VIIRS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0031	RVIRT	VIIRS-TELEMETRY-RDR	VIIRS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-06: JPSS	RDRE-VIRS-	RVIRD	VIIRS-DIAGNOSTIC-RDR	VIIRS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to	X CG ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 06	C0032							NESDIS ESPC ICD	
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0035	RVIDU	VIIRS-DUMP-RDR	VIIRS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0036	RVITD	VIIRS-TELDIAG-RDR	VIIRS Telemetry Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X CG ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0037	RONPC	OMPS-NPCALIBRATION-RDR	OMPS Nadir Profile Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0038	ROTDC	OMPS-TCDIAGCAL-RDR	OMPS Nadir Total Column Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0039	ROLPC	OMPS-LPCALIBRATION-RDR	OMPS Limb Profile Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0051	ROTCC	OMPS-TCCALIBRATION-RDR	OMPS Nadir Total Column Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0053	RONDC	OMPS-NPDIAGCAL-RDR	OMPS Nadir Profile Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0055	ROLDC	OMPS-LPDIAGCAL-RDR	OMPS Limb Profile Diagnostic Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG NU-S00410
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0030	RATMS	ATMS-SCIENCE-RDR	ATMS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0031	RATMT	ATMS-TELEMETRY-RDR	ATMS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-02: JPSS	RDRE-ATMS-	RATMD	ATMS-DIAGNOSTIC-RDR	ATMS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to	X CG AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 02	C0032							CLASS ICD	
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0035	RATMM	ATMS-DUMP-RDR	ATMS Memory Dump RDR	SNPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	RDRE-ATMS-C0036	RATMW	ATMS-DWELL-RDR	ATMS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0030	RCERS	CERES-SCIENCE-RDR	CERES Science RDR	S-NPP/JPSS-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0031	RCERT	CERES-TELEMETRY-RDR	CERES Telemetry RDR	S-NPP/JPSS-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-09: JPSS DD Vol II, Pt 09	RDRE-CERS-C0032	RCERD	CERES-DIAGNOSTIC-RDR	CERES Diagnostic RDR	S-NPP/JPSS-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0030	RCRIS	CRIS-SCIENCE-RDR	CrIS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0031	RCRIT	CRIS-TELEMETRY-RDR	CrIS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0032	RCRID	CRIS-DIAGNOSTIC-RDR	CrIS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0035	RCRIU	CRIS-DUMP-RDR	CrIS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0036	RCRIH	CRIS-HSKDWELL-RDR	CrIS Housekeeping Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-03: JPSS	RDRE-CRIS-	RCRIM	CRIS-SSMDWELL-RDR	CrIS Scene Selection Module (SSM)	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to	X CG AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 03	C0046			Dwell RDR				CLASS ICD	
474-00448-02-03: JPSS DD Vol II, Pt 03	RDRE-CRIS-C0056	RCRII	CRIS-IMDWELL-RDR	CrIS Interferogram Module (IM) Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0030	RONPS	OMPS-NPSCIENCE-RDR	OMPS Nadir Profile Science RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0031	ROTCS	OMPS-TCSCIENCE-RDR	OMPS Nadir Total Column Science RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0032	ROLPS	OMPS-LPSCIENCE-RDR	OMPS Limb Profile Science RDR	S-NPP JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0034	ROLPT	OMPS-TELEMETRY-RDR	OMPS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0035	ROLPM	OMPS-DUMP-RDR	OMPS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0036	ROLPD	OMPS-DWELL-RDR	OMPS Dwell RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0037	RONPC	OMPS-NPCALIBRATION-RDR	OMPS Nadir Profile Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0038	ROTDC	OMPS-TCDIAGCAL-RDR	OMPS Nadir Total Column Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0039	ROLPC	OMPS-LPCALIBRATION-RDR	OMPS Limb Profile Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS	RDRE-OMPS-	ROTCD	OMPS-TCDIAGNOSTIC-RDR	OMPS Nadir Total Column Diagnostic	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to	X CG AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 04	C0050			Earth View RDR				CLASS ICD	
474-00448-02-04: JPSS DD Vol II, Pt 4	RDRE-OMPS-C0051	ROTCC	OMPS-TCCALIBRATION-RDR	OMPS Nadir Total Column Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	RDRE-OMPS-C0052	RONPD	OMPS-NPDIAGNOSTIC-RDR	OMPS Nadir Profile Diagnostic Earth View RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-05: JPSS DD Vol II, Pt 5	RDRE-OMPS-C0053	RONDC	OMPS-NPDIAGCAL-RDR	OMPS Nadir Profile Diagnostic Calibration RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0054	ROLE1	OMPS-LPDIAGEXPONE-RDR	OMPS Limb Profile Diagnostic Exposure #1 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0055	ROLDC	OMPS-LPDIAGCAL-RDR	OMPS Limb Profile Diagnostic Calibration RDR	S-NPP JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-28: JPSS DD Vol II, Pt 28	RDRE-OMPS-C0056	ROLE2	OMPS-LPDIAGEXPTWO-RDR	OMPS Limb Profile Diagnostic Exposure #2 Earth View RDR	S-NPP JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	RDRE-OMPS-C0057	ROFSW	OMPS-FSWBU-RDR	OMPS Flight Software Bootup Status RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0030	RNSCA	SPACECRAFT-DIARY-RDR	NPP Spacecraft Diary – Attitude and Ephemeris RDR	S-NPP	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0040	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-1 Spacecraft RDRs – Attitude and Ephemeris	JPSS-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCAE-C0050	RNSCA	SPACECRAFT-DIARY-RDR	JPSS-2 Spacecraft RDRs – Attitude and Ephemeris	JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS	RDRE-SCTN-	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-1 Spacecraft RDRs – Telemetry	JPSS-1	HDF5	RDR	474-00410: JPSS CGS to	X CG AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 08	C0040							CLASS ICD	
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTP-C0031	RNSCT	SPACECRAFT-TELEMETRY-RDR	NPP Spacecraft – Telemetry RDR	S-NPP	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCTN-C0050	RNSCT	SPACECRAFT-TELEMETRY-RDR	JPSS-2 Spacecraft RDRs – Telemetry	JPSS-2	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0030	RVIRS	VIIRS-SCIENCE-RDR	VIIRS Science RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0031	RVIRT	VIIRS-TELEMETRY-RDR	VIIRS Telemetry RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0032	RVIRD	VIIRS-DIAGNOSTIC-RDR	VIIRS Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0035	RVIDU	VIIRS-DUMP-RDR	VIIRS Memory Dump RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	RDRE-VIRS-C0036	RVITD	VIIRS-TELDIAG-RDR	VIIRS Telemetry Diagnostic RDR	S-NPP/JPSS	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-AMS2-C0033	RAM2M	AMSR2-MISSIONDATA-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 2 (AMSR2) Mission Data	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-AMS2-C0034	RAM2P	AMSR2-PCDSUPP-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 2 (AMSR2) PCD Supplemental Data	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS	RDRE-AMS2-	RAM2G	AMSR2-GPSR-RDR	Unstructured RDR containing Advanced	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to	X CG AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 08	C0035			Microwave Scanning Radiometer 2 (AMSR2) GPSR Data				CLASS ICD	
474-00448-02-31: JPSS DD Vol II, Pt 31	RDRE-AMS3-C0037	RAM3M	AMSR3-MISSIONDATA-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 3 (AMSR3) Mission Data	GOSAT-GW	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-31: JPSS DD Vol II, Pt 31	RDRE-AMS3-C0036	RAM3T	AMSR3-TELEMETRY-RDR	Unstructured RDR containing Advanced Microwave Scanning Radiometer 3 (AMSR3) Telemetry	GOSAT-GW	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-SCGW-C0033	RWSCS	SPACECRAFT-SYSTEM-RDR	Unstructured RDR containing Spacecraft GCOM-W1 System Telemetry	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-SCGW-C0034	RWSCR	SPACECRAFT-RTPCD-RDR	Unstructured RDR containing Spacecraft GCOM-W1 real-time PCD supplemental data	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-30: JPSS DD Vol II, Pt 30	RDRE-SCGW-C0035	RWSCO	SPACECRAFT-ATTORBIT-RDR	SPACECRAFT-ATTORBIT-RDR Unstructured RDR containing Spacecraft GCOM-W1 Attitude and Orbit data	GCOM W-1	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGG-C0036	RWSCS	SPACECRAFT-SYSTEM-RDR	Spacecraft GOSAT-GW; System Telemetry RDR	GOSAT-GW	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030
474-00448-02-08: JPSS DD Vol II, Pt 08	RDRE-SCGG-C0037	RWSCO	SPACECRAFT-ATTORBIT-RDR	Spacecraft GOSAT-GW 1 Attitude and Orbit RDR	GOSAT-GW	HDF5	RDR	474-00410: JPSS CGS to CLASS ICD	X CG AD-L00030

Table A-2. Sensor Data Record Identifiers and Data Mapping

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-02: JPSS DD Vol II, Pt 02	SDRE-ATMS-C0030	SATMS	ATMS-SDR	ATMS Science SDR	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	SDRE-CRIS-C0031	SCRIF	CrIS-FS-SDR	Cross-Track Infrared Sounder Full Spectral SDR	CrIS-SDR-GEO	CrIS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	SDRE-OMPS-C0030	SOMPS	OMPS-NP-SDR	OMPS Nadir Profile Science SDR	OMPS-NP-GEO	OMPS Nadir Profile Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	SDRE-OMTC-C0030	SOMTC	OMPS-TC-SDR	OMPS Nadir Total Column Science SDR	OMPS-TC-GEO	OMPS Total Column Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VDNB-C0030	SVDNB	VIIRS-DNB-SDR	VIIRS Day Night Band SDR	VIIRS-DNB-GEO	VIIRS Day Night Band Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI01-C0030	SVI01	VIIRS-I1-SDR	VIIRS Imagery Band 01 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI02-C0030	SVI02	VIIRS-I2-SDR	VIIRS Imagery Band 02 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI03-C0030	SVI03	VIIRS-I3-SDR	VIIRS Imagery Band 03 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI04-C0030	SVI04	VIIRS-I4-SDR	VIIRS Imagery Band 04 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS	SDRE-VI05-	SVI05	VIIRS-I5-SDR	VIIRS Imagery	VIIRS-IMG-	VIIRS Image Bands Ellipsoid	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to	T_CG_CV-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
DD Vol II, Pt 06	C0030			Band 05 SDR	GEO	Geolocation Data				GRAVITE ICD	
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM01-C0030	SVM01	VIIRS-M1-SDR	VIIRS Moderate Resolution Band 01 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM02-C0030	SVM02	VIIRS-M2-SDR	VIIRS Moderate Resolution Band 02 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM03-C0030	SVM03	VIIRS-M3-SDR	VIIRS Moderate Resolution Band 03 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM04-C0030	SVM04	VIIRS-M4-SDR	VIIRS Moderate Resolution Band 04 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM05-C0030	SVM05	VIIRS-M5-SDR	VIIRS Moderate Resolution Band 05 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM06-C0030	SVM06	VIIRS-M6-SDR	VIIRS Moderate Resolution Band 06 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM07-C0030	SVM07	VIIRS-M7-SDR	VIIRS Moderate Resolution Band 07 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM08-C0030	SVM08	VIIRS-M8-SDR	VIIRS Moderate Resolution Band 08 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM09-C0030	SVM09	VIIRS-M9-SDR	VIIRS Moderate Resolution Band 09 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM10-C0030	SVM10	VIIRS-M10-SDR	VIIRS Moderate Resolution Band 10 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM11-C0030	SVM11	VIIRS-M11-SDR	VIIRS Moderate Resolution Band 11 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM12-C0030	SVM12	VIIRS-M12-SDR	VIIRS Moderate Resolution Band 12 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM13-C0030	SVM13	VIIRS-M13-SDR	VIIRS Moderate Resolution Band 13 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM14-C0030	SVM14	VIIRS-M14-SDR	VIIRS Moderate Resolution Band 14 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM15-C0030	SVM15	VIIRS-M15-SDR	VIIRS Moderate Resolution Band 15 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM16-C0030	SVM16	VIIRS-M16-SDR	VIIRS Moderate Resolution Band 16 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00448-02-02: JPSS DD Vol II,	SDRE-ATMS-C0030	SATMS	ATMS-SDR	ATMS Science SDR	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
Pt 02						Data					
474-00448-02-03: JPSS DD Vol II, Pt 03	SDRE-CRIS-C0031	SCRIF	CrIS-FS-SDR	Cross-Track Infrared Sounder Full Spectral SDR	CrIS-SDR-GEO	CrIS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-05: JPSS DD Vol II, Pt 05	SDRE-OMPS-C0030	SOMPS	OMPS-NP-SDR	OMPS Nadir Profile Science SDR	OMPS-NP-GEO	OMPS Nadir Profile Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	SDRE-OMTC-C0030	SOMTC	OMPS-TC-SDR	OMPS Nadir Total Column Science SDR	OMPS-TC-GEO	OMPS Total Column Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VDNB-C0030	SVDNB	VIIRS-DNB-SDR	VIIRS Day Night Band SDR	VIIRS-DNB-GEO	VIIRS Day Night Band Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI01-C0030	SVI01	VIIRS-I1-SDR	VIIRS Imagery Band 01 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI02-C0030	SVI02	VIIRS-I2-SDR	VIIRS Imagery Band 02 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI03-C0030	SVI03	VIIRS-I3-SDR	VIIRS Imagery Band 03 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI04-C0030	SVI04	VIIRS-I4-SDR	VIIRS Imagery Band 04 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI05-C0030	SVI05	VIIRS-I5-SDR	VIIRS Imagery Band 05 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM01-C0030	SVM01	VIIRS-M1-SDR	VIIRS Moderate Resolution	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
Pt 06				Band 01 SDR		Geolocation Data					
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM02-C0030	SVM02	VIIRS-M2-SDR	VIIRS Moderate Resolution Band 02 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM03-C0030	SVM03	VIIRS-M3-SDR	VIIRS Moderate Resolution Band 03 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM04-C0030	SVM04	VIIRS-M4-SDR	VIIRS Moderate Resolution Band 04 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM05-C0030	SVM05	VIIRS-M5-SDR	VIIRS Moderate Resolution Band 05 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM06-C0030	SVM06	VIIRS-M6-SDR	VIIRS Moderate Resolution Band 06 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM07-C0030	SVM07	VIIRS-M7-SDR	VIIRS Moderate Resolution Band 07 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM08-C0030	SVM08	VIIRS-M8-SDR	VIIRS Moderate Resolution Band 08 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM09-C0030	SVM09	VIIRS-M9-SDR	VIIRS Moderate Resolution Band 09 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM10-C0030	SVM10	VIIRS-M10-SDR	VIIRS Moderate Resolution Band 10 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM11-C0030	SVM11	VIIRS-M11-SDR	VIIRS Moderate Resolution Band 11 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM12-C0030	SVM12	VIIRS-M12-SDR	VIIRS Moderate Resolution Band 12 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM13-C0030	SVM13	VIIRS-M13-SDR	VIIRS Moderate Resolution Band 13 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM14-C0030	SVM14	VIIRS-M14-SDR	VIIRS Moderate Resolution Band 14 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM15-C0030	SVM15	VIIRS-M15-SDR	VIIRS Moderate Resolution Band 15 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM16-C0030	SVM16	VIIRS-M16-SDR	VIIRS Moderate Resolution Band 16 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X_CG_ES-L00030
474-00448-02-02: JPSS DD Vol II, Pt 02	SDRE-ATMS-C0030	SATMS	ATMS-SDR	ATMS Science SDR	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	SDRE-CRIS-C0031	SCRIF	CrIS-FS-SDR	Cross-Track Infrared Sounder Full Spectral SDR	CrIS-SDR-GEO	CrIS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-05: JPSS DD Vol II, Pt 05	SDRE-OMPS-C0030	SOMPS	OMPS-NP-SDR	OMPS Nadir Profile Science SDR	OMPS-NP-GEO	OMPS Nadir Profile Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-04: JPSS DD Vol II, Pt 04	SDRE-OMTC-C0030	SOMTC	OMPS-TC-SDR	OMPS Nadir Total Column Science SDR	OMPS-TC-GEO	OMPS Total Column Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VDNB-C0030	SVDNB	VIIRS-DNB-SDR	VIIRS Day Night Band SDR	VIIRS-DNB-GEO	VIIRS Day Night Band Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI01-C0030	SVI01	VIIRS-I1-SDR	VIIRS Imagery Band 01 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI02-C0030	SVI02	VIIRS-I2-SDR	VIIRS Imagery Band 02 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI03-C0030	SVI03	VIIRS-I3-SDR	VIIRS Imagery Band 03 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI04-C0030	SVI04	VIIRS-I4-SDR	VIIRS Imagery Band 04 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VI05-C0030	SVI05	VIIRS-I5-SDR	VIIRS Imagery Band 05 SDR	VIIRS-IMG-GEO	VIIRS Image Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM01-C0030	SVM01	VIIRS-M1-SDR	VIIRS Moderate Resolution Band 01 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM02-C0030	SVM02	VIIRS-M2-SDR	VIIRS Moderate Resolution Band 02 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
Pt 06				SDR		Data					
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM03-C0030	SVM03	VIIRS-M3-SDR	VIIRS Moderate Resolution Band 03 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM04-C0030	SVM04	VIIRS-M4-SDR	VIIRS Moderate Resolution Band 04 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM05-C0030	SVM05	VIIRS-M5-SDR	VIIRS Moderate Resolution Band 05 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM06-C0030	SVM06	VIIRS-M6-SDR	VIIRS Moderate Resolution Band 06 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM07-C0030	SVM07	VIIRS-M7-SDR	VIIRS Moderate Resolution Band 07 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM08-C0030	SVM08	VIIRS-M8-SDR	VIIRS Moderate Resolution Band 08 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM09-C0030	SVM09	VIIRS-M9-SDR	VIIRS Moderate Resolution Band 09 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM10-C0030	SVM10	VIIRS-M10-SDR	VIIRS Moderate Resolution Band 10 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00030
474-00448-	SDRE-	SVM11	VIIRS-	VIIRS	VIIRS-	VIIRS	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS	X.CG.AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
02-06: JPSS DD Vol II, Pt 06	VM11-C0030		M11-SDR	Moderate Resolution Band 11 SDR	MOD-GEO	Moderate Bands Ellipsoid Geolocation Data				CGS to CLASS ICD	
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM12-C0030	SVM12	VIIRS-M12-SDR	VIIRS Moderate Resolution Band 12 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM13-C0030	SVM13	VIIRS-M13-SDR	VIIRS Moderate Resolution Band 13 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM14-C0030	SVM14	VIIRS-M14-SDR	VIIRS Moderate Resolution Band 14 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM15-C0030	SVM15	VIIRS-M15-SDR	VIIRS Moderate Resolution Band 15 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	SDRE-VM16-C0030	SVM16	VIIRS-M16-SDR	VIIRS Moderate Resolution Band 16 SDR	VIIRS-MOD-GEO	VIIRS Moderate Bands Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	SDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030

Table A-3. Temperature Data Record Identifiers and Data Mapping

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-02: JPSS DD Vol II, Pt 02	TDRE-ATMS-C0030	TATMS	ATMS-TDR	ATMS Science TDR	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	TDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-	TDRE-	TATMS	ATMS-	ATMS	ATMS-	ATMS SDR	S-NPP/JPSS	HDF5	TDR	474-00411:	X_CG_ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
02-02: JPSS DD Vol II, Pt 02	ATMS-C0030		TDR	Science TDR	SDR-GEO	Ellipsoid Geolocation Data				JPSS CGS to NESDIS ESPC ICD	
474-00448-02-02: JPSS DD Vol II, Pt 02	TDRE-ATMS-C0030	TATMS	ATMS-TDR	ATMS Science TDR	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	TDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

Table A-4. Environmental Data Record Identifiers and Data Mapping

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C0030	VI1BO VI2BO VI3BO VI4BO VI5BO	VIIRS-I1-IMG-EDR VIIRS-I2-IMG-EDR VIIRS-I3-IMG-EDR VIIRS-I4-IMG-EDR VIIRS-I5-IMG-EDR	VIIRS I-Band Imagery	VIIRS-IMG-GTM-EDR-GEO	VIIRS Image Bands Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C1030	VNCCO	VIIRS-NCC-EDR	VIIRS Near Constant Contrast Imagery EDR – Official	VIIRS-NCC-EDR-GEO	VIIRS Near Constant Contrast Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-VMOD-C0030	VM01O VM02O VM03O VM04O VM05O VM06O VM07O VM08O VM09O VM10O VM11O VM12O VM13O VM14O VM15O	VIIRS-M1-MOD-EDR VIIRS-M2-MOD-EDR VIIRS-M3-MOD-EDR VIIRS-M4-MOD-EDR VIIRS-M5-MOD-EDR VIIRS-M6-MOD-EDR VIIRS-M7-MOD-EDR	VIIRS M-Band Imagery	VIIRS-MOD-GTM-EDR-GEO	VIIRS Moderate Bands GTM Geolocation Data (Terrain Corrected)	S-S-NPP/JPSS	HDF5	EDR	474-00423: JPSS CGS to GRAVITE ICD	T CG CV-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
		VM16O	VIIRS-M8-MOD-EDR VIIRS-M9-MOD-EDR VIIRS-M10-MOD-EDR VIIRS-M11-MOD-EDR VIIRS-M12-MOD-EDR VIIRS-M13-MOD-EDR VIIRS-M14-MOD-EDR VIIRS-M16-MOD-EDR								
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C0030	VI1BO VI2BO VI3BO VI4BO VI5BO	VIIRS-I1-IMG-EDR VIIRS-I2-IMG-EDR VIIRS-I3-IMG-EDR VIIRS-I4-IMG-EDR VIIRS-I5-IMG-EDR	VIIRS I-Band Imagery	VIIRS-IMG-GTM-EDR-GEO	VIIRS Image Bands Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C1030	VNCCO	VIIRS-NCC-EDR	VIIRS Near Constant Contrast Imagery EDR – Official	VIIRS-NCC-EDR-GEO	VIIRS Near Constant Contrast Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-VMOD-C0030	VM01O VM02O VM03O VM04O VM05O VM06O VM07O VM08O VM09O VM10O VM11O VM12O VM13O VM14O	VIIRS-M1-MOD-EDR VIIRS-M2-MOD-EDR VIIRS-M3-MOD-EDR VIIRS-M4-MOD-EDR VIIRS-M5-MOD-EDR VIIRS-M6-MOD-EDR VIIRS-M7-	VIIRS M-Band Imagery	VIIRS-MOD-GTM-EDR-GEO	VIIRS Moderate Bands GTM Geolocation Data (Terrain Corrected)	S-S-NPP/JPSS	HDF5	EDR	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
		VM15O VM16O	MOD-EDR VIIRS-M8- MOD-EDR VIIRS-M9- MOD-EDR VIIRS-M10- MOD-EDR VIIRS-M11- MOD-EDR VIIRS-M12- MOD-EDR VIIRS-M13- MOD-EDR VIIRS-M14- MOD-EDR VIIRS-M16- MOD-EDR								
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C0030	VI1BO VI2BO VI3BO VI4BO VI5BO	VIIRS-I1- IMG-EDR VIIRS-I2- IMG-EDR VIIRS-I3- IMG-EDR VIIRS-I4- IMG-EDR VIIRS-I5- IMG-EDR	VIIRS I-Band Imagery	VIIRS-IMG-GTM-EDR-GEO	VIIRS Image Bands Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-IMAG-C1030	VNCCO	VIIRS-NCC-EDR	VIIRS Near Constant Contrast Imagery EDR – Official	VIIRS-NCC-EDR-GEO	VIIRS Near Constant Contrast Ground Track Mercator (GTM) Geolocation Data (Terrain Corrected)	S-NPP/JPSS	HDF5	EDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030
474-00448-02-26: JPSS DD Vol II, Pt 26	EDRE-VMOD-C0030	VM01O VM02O VM03O VM04O VM05O VM06O VM07O VM08O VM09O VM10O VM11O VM12O VM13O	VIIRS-M1- MOD-EDR VIIRS-M2- MOD-EDR VIIRS-M3- MOD-EDR VIIRS-M4- MOD-EDR VIIRS-M5- MOD-EDR VIIRS-M6- MOD-EDR	VIIRS M-Band Imagery	VIIRS-MOD-GTM-EDR-GEO	VIIRS Moderate Bands GTM Geolocation Data (Terrain Corrected)	S-S-NPP/JPSS	HDF5	EDR	474-00410: JPSS CGS to CLASS ICD	X_CG_AD-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
		VM14O VM15O VM16O	VIIRS-M7-MOD-EDR VIIRS-M8-MOD-EDR VIIRS-M9-MOD-EDR VIIRS-M10-MOD-EDR VIIRS-M11-MOD-EDR VIIRS-M12-MOD-EDR VIIRS-M13-MOD-EDR VIIRS-M14-MOD-EDR VIIRS-M16-MOD-EDR								

Table A-5. Intermediate Product Record Identifiers and Data Mapping

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VBPX R0100	IVBPX	VIIRS-Bright-Pixel-Mod-IP	VIIRS Bright Pixel IP	VIIRS-MOD-GEO	VIIRS Moderate Bands SDR Geolocation Data	S-NPP/JPSS	HDF5	IP	474-00423: JPSS CGS to GRAVITE ICD	X.CG.CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VCDB R0100	IVCDB	VIIRS-DualGain-Cal-IP	VIIRS Calibrated Dual-Gain Band IP	VIIRS-MOD-UNAGG-GEO	VIIRS Un-aggregated 750m Dual-Gain Band Geo IP	S-NPP/JPSS	HDF5	IP	474-00423: JPSS CGS to GRAVITE ICD	X.CG.CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VOBC R0100	IVOBC	VIIRS-OBC-IP	VIIRS On-Board Calibrator IP	N/A	N/A	S-NPP/JPSS	HDF5	IP	474-00423: JPSS CGS to GRAVITE ICD	X.CG.CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VSDH R0100	N/A	VIIRS-RSBAUTO CAL-HISTORY-AUX	VIIRS RSB Auto Cal History	N/A	N/A	S-NPP/JPSS	See Associated Document	IP	474-00423: JPSS CGS to GRAVITE ICD	X.CG.CV-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VBPX R0100	IVBPX	VIIRS-Bright-Pixel-Mod-IP	VIIRS Bright Pixel IP	VIIRS-MOD-GEO	VIIRS Moderate Bands SDR Geolocation Data	S-NPP/JPSS	HDF5	IP	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030

Data Document	Data Mnemonic	DPID	Collection Short Name	Data Description	Geo CSN	Geo Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VCDB R0100	IVCDB	VIIRS-DualGain-Cal-IP	VIIRS Calibrated Dual-Gain Band IP	VIIRS-MOD-UNAGG-GEO	VIIRS Un-aggregated 750m Dual-Gain Band Geo IP	S-NPP/JPSS	HDF5	IP	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VOBC R0100	IVOBC	VIIRS-OBC-IP	VIIRS On-Board Calibrator IP	N/A	N/A	S-NPP/JPSS	HDF5	IP	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VSDH R0100	N/A	VIIRS-RSBAUTO CAL-HISTORY-AUX	VIIRS RSB Auto Cal History	N/A	N/A	S-NPP/JPSS	See Associated Document	IP	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	N/A	ICDBG	VIIRS-MOD-UNAGG-GEO	VIIRS Un-aggregated 750m Dual-Gain Band Geo IP	N/A	N/A	S-NPP/JPSS	HDF5	IP	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VBPX R0100	IVBPX	VIIRS-Bright-Pixel-Mod-IP	VIIRS Bright Pixel IP	VIIRS-MOD-GEO	VIIRS Moderate Bands SDR Geolocation Data	S-NPP/JPSS	HDF5	IP	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VCDB R0100	IVCDB	VIIRS-DualGain-Cal-IP	VIIRS Calibrated Dual-Gain Band IP	VIIRS-MOD-UNAGG-GEO	VIIRS Un-aggregated 750m Dual-Gain Band Geo IP	S-NPP/JPSS	HDF5	IP	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VOBC R0100	IVOBC	VIIRS-OBC-IP	VIIRS On-Board Calibrator IP	N/A	N/A	S-NPP/JPSS	HDF5	IP	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00030
474-00448-02-06: JPSS DD Vol II, Pt 06	IMPI_VSDH R0100	N/A	VIIRS-RSBAUTO CAL-HISTORY-AUX	VIIRS RSB Auto Cal History	N/A	N/A	S-NPP/JPSS	See Associated Document	IP	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00030

Table A-6. Geolocation Identifiers

Data Document	DPID	Collection Short Name	Data Description	Effectivity	File Type	Data Type
474-00448-02-02: JPSS DD Vol II, Pt 02	GATMO	ATMS-SDR-GEO	ATMS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-03: JPSS DD Vol II, Pt 03	GCRSO	CrIS-SDR-GEO	CrIS SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	GDNBO	VIIRS-DNB-GEO	VIIRS Day Night Band SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-26: JPSS DD Vol II, Pt 26	GNCCO	VIIRS-NCC-EDR-GEO	VIIRS Near Constant Contrast (NCC)	S-NPP/JPSS	HDF5	GEO

			EDR Ground Track Mercator (GTM) Geolocation Data Provided with VIIRS NCC Imagery Data Format Definition			
474-00448-02-26: JPSS DD Vol II, Pt 26	GIGTO	VIIRS-IMG-GTM-EDR-GEO	VIIRS Image Bands EDR GTM Geolocation Data Provided with VIIRS I-Band Imagery Data Format Definition	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	GIMGO	VIIRS-IMG-GEO	VIIRS Image Bands SDR Ellipsoid Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	GITCO	VIIRS-IMG-GEO-TC	VIIRS Image Bands SDR Terrain Corrected Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-26: JPSS DD Vol II, Pt 26	GMGTO	VIIRS-MOD-GTM-EDR-GEO	VIIRS Moderate Bands GTM EDR Geolocation Data Provided with VIIRS M-Band Imagery Data Format Definition	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	GMODO	VIIRS-MOD-GEO	VIIRS Moderate Bands SDR Geolocation Data Provided in Degrees	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	GMTCO	VIIRS-MOD-GEO-TC	VIIRS Moderate Bands SDR Terrain Corrected Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-06: JPSS DD Vol II, Pt 06	ICDBG	VIIRS-MOD-UNAGG-GEO	VIIRS Un-aggregated 750m Dual-Gain Band Geo IP	S-NPP/JPSS	HDF5	GEO
474-00448-02-04: JPSS DD Vol II, Pt 04	GOTCO	OMPS-TC-GEO	OMPS Total Column SDR Geolocation Data	S-NPP/JPSS	HDF5	GEO
474-00448-02-05: JPSS DD Vol II, Pt 05	GONPO	OMPS-NP-GEO	OMPS Nadir Profile SDR Geolocation Data	S-NPP/JPSS	HDF5	GEO

Table A-7. Application Packet Data Mapping

Data Document	Data Mnemonic	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP/JPSS/GCOM-W1/GOSAT-GW	Binary. See Associated Documentation for details	Application Packets	474-00110: JPSS CGS to KSAT ICD	X KS CG-L05020
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	JPSS	Binary. See Associated Documentation for details	Application Packets	474-00110: JPSS CGS to KSAT ICD	X KS CG-L05060
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	JPSS	Binary. See Associated Documentation for details	Application Packets	474-00110: JPSS CGS to KSAT ICD	X KS CG-L05205
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP	Binary. See Associated Documentation for details	Application Packets	474-00110: JPSS CGS to KSAT ICD	X KS CG-L05040
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP	Binary. See Associated	Application Packets	474-00110: JPSS CGS to KSAT ICD	X KS CG-L05200

Data Document	Data Mnemonic	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
				Documentation for details			
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP/JPSS	Binary. See Associated Documentation for details	Application Packets	474-00428: JPSS CGS to AGS ICD	T CG AG-L01025
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP/JPSS	Binary. See Associated Documentation for details	Application Packets	474-00562: JPSS CGS Services IDD	X CG NU-S00750
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP/JPSS	Binary. See Associated Documentation for details	Application Packets	474-00567: JPSS CGS to CSN ICD	T C3 CN-L00310
474-00001-06: JPSS CDFCB-X Vol VI	C3 DP-L20010-001	Extended Application Packet Files	S-NPP/JPSS	Binary. See Associated Documentation for details	Application Packets	474-00421: JPSS CGS to FNMOC ICD	X CG FN-L10010

APPENDIX B: S-NPP/JPSS AUXILIARY DATA, ANCILLARY DATA, REPORTS, AND MESSAGES COLLECTION SHORT NAMES

The following tables provide the Data Mnemonics, Collection Short Names (Identifiers), and Collection Long Names for Auxiliary and Ancillary metadata elements used for designating data products in logs, GUIs, and reference documents.

Table B-1. Auxiliary Data Format Identifiers and Data Mapping

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	KO_CG-L07020-000	N/A	KSAT/TROLL SMD Data and SMD Recovery Data	JPSS	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KO-L07030
474-00001-06: JPSS CDFCB-X Vol VI	CG_KO-L07290-000	N/A	Commanding Data Details	JPSS	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KO-L07290
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-004	N/A	GCOM-W1 Antenna Request Response Files	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-005	N/A	GCOM-W1 Cancellation Notice Files	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-006	N/A	GCOM-W1 Orbital Element Data (TLE)	GCOM-W1	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-008	N/A	GCOM-W1 Acquisition Plan	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-009	N/A	GOSAT-GW Antenna Request Response Files	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-010	N/A	GOSAT-GW Cancellation Notice Files	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-011	N/A	GOSAT-GW Orbital Element Data (TLE)	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-012	N/A	GOSAT-GW Acquisition Plan	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_CG_KS-L00405

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	N/A	S-NPP/JPSS TLEs	S-NPP/JPSS	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	N/A	S-NPP TLEs	S-NPP	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05450
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	N/A	JPSS TLEs	JPSS	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05400
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	N/A	S-NPP/JPSS Post Maneuver TLEs	S-NPP/JPSS	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	N/A	S-NPP Post Maneuver TLEs	S-NPP	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05450
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	N/A	JPSS Post Maneuver TLEs	JPSS	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05400
474-00001-06: JPSS CDFCB-X Vol VI	CG_KT-L02000-000	N/A	Troll Acquisition Availability Request	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	KT.CG-L02100-000	N/A	Troll Acquisition Availability Reply	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	CG_KT-L02200-000	N/A	Contact Schedule Request	S-NPP/JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	KT.CG-L02300-000	N/A	Contact Schedule Response	S-NPP/JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report – TrollSat	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	KS.CG-L01900-000	N/A	Antenna Post-Pass Report	S- NPP/JPSS/GCOM -W1/ GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L00405
474-00001-06: JPSS CDFCB-X Vol VI	CG_KO-L07290-000	N/A	Commanding Data Details	S-NPP	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05250
474-00001-06: JPSS CDFCB-X Vol VI	CG_KO-L07290-000	N/A	Commanding Data Details	JPSS	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG.KS- L05255

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	CG_KT-L02000-000	N/A	Troll Acquisition Availability Request	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG_KT-L02000
474-00001-06: JPSS CDFCB-X Vol VI	CG_KT-L02200-000	N/A	KSAT Contact Schedule Request	S-NPP/JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.CG_KT-L02200
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07020-000	N/A	KSAT/TROLL SMD Data and SMD Recovery Data	JPSS	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07020
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07230-000	N/A	KSAT/TROLL Playback/Recovery TLM Data	JPSS	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07230
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07240
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07280-000	N/A	KSAT/TROLL Real Time TLM Data	JPSS-1	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07280
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07280-000	N/A	KSAT/TROLL Real Time TLM Data	JPSS-2/3/4	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07270
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07230-000	N/A	KSAT/TROLL Playback/Recovery TLM Data	JPSS-1	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07285
474-00001-06: JPSS CDFCB-X Vol VI	KO.CG-L07230-000	N/A	KSAT/TROLL Playback/Recovery TLM Data	JPSS-2/3/4	Bitstream (N/A)	AUX	474-00110: JPSS CGS to KSAT ICD	X.KO.CG-L07270
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-004	N/A	GCOM-W1 Antenna Request Response Files	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.KS.CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-005	N/A	GCOM-W1 Cancellation Notice Files	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.KS.CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-006	N/A	GCOM-W1 Orbital Element Data (TLE)	GCOM-W1	ASCII	AUX	474-00110: JPSS CGS to KSAT ICD	X.KS.CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-008	N/A	GCOM-W1 Acquisition Plan	GCOM-W1	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.KS.CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	KS.CG-L01900-000	N/A	Antenna Post-Pass Report	GCOM-W1/ GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X.KS.CG-L00005

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-009	N/A	GOSAT-GW Antenna Request Response Files	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KS_CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-010	N/A	GOSAT-GW Cancellation Notice Files	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KS_CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-011	N/A	GOSAT-GW Orbital Element Data (TLE)	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KS_CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-012	N/A	GOSAT-GW Acquisition Plan	GOSAT-GW	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KS_CG-L00005
474-00001-06: JPSS CDFCB-X Vol VI	KS_CG-L01900-000	N/A	Antenna Post-Pass Report	S-NPP/JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KS_CG-L01900
474-00001-06: JPSS CDFCB-X Vol VI	KT_CG-L02100-000	N/A	Troll Acquisition Availability Reply	JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KT_CG-L02100
474-00001-06: JPSS CDFCB-X Vol VI	KT_CG-L02300-000	N/A	KSAT Contact Schedule Response	S-NPP/JPSS	XML	AUX	474-00110: JPSS CGS to KSAT ICD	X_KT_CG-L02300
474-00001-06: JPSS CDFCB-X Vol VI	CG_JS-L07100-000	N/A	Forward CLTU Service SLE PDUs	S-NPP/JPSS	See Associated Document	AUX	474-CDRL-01183-FVTS GLS Internal ICD	X_CG_NS-L07100
474-00001-06: JPSS CDFCB-X Vol VI	JS_CG-L08000-000	N/A	SMD SLE PDUs	S-NPP/JPSS	See Associated Document	AUX	474-CDRL-01183-FVTS GLS Internal ICD	T_NS_CG-L08000
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-00409: JPSS CGS to NASA CARA ICD	X_CG_CA-L01015
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-DeltaV-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-00409: JPSS CGS to NASA CARA ICD	X_CG_CA-L01020
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00110-000	Planned-Maneuver	Planned Maneuver File	S-NPP/JPSS	XML	AUX	474-00409: JPSS CGS to NASA CARA ICD	X_CG_CA-L01020
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00110-000	Planned-Maneuver	Planned Maneuver File	S-NPP/JPSS	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X_CG_EU-L02900

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-005	N/A	GCOM-W1 Cancellation Notice Files	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-002	CrIS-FS-Correct-Matrix-AUX	CrIS Full Spectral Correction Matrix Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-003	CrIS-FS-SDR-ENGPKT- BACKUP-AUX	CrIS Full Spectral SDR Engineering Packet Backup Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00500-000	Data-Production-RPT	Data Production Report	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00026-000	N/A	SHA Digest	S-NPP/JPSS	HEX String	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00448-02-01: JPSS DD Vol II, Pt 01	DP_NU-L00510-000	See Appendix K	Data Quality Notifications	S-NPP/JPSS	HDF5	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00030
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00001-06: JPSS CDFCB-X Vol VI	NP_NU-L00050-000	JPSS-XML-Manifest	Release Package Delivery Manifest	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00001-01: JPSS CDFCB-X Vol I	DP_NU-LM2030-000	N/A	Data Quality Thresholds Tables	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-013	VIIRS-Ga-Val-Vs-Scene-Lun-Elev-LUT	VIIRS Gain Value Versus Scene Lunar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-014	VIIRS-Ga-Val-Vs-Scene-Sol-Elev-LUT	VIIRS Gain Value Versus Scene Solar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-015	VIIRS-Lun-BRDF-LUT	VIIRS Lunar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-016	VIIRS-LUN-Phase-LUT	VIIRS Lunar Phase Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-017	VIIRS-Sol-BRDF-LUT	VIIRS Solar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-021	VIIRS-SDR-BB-TEMP-COEFFS-LUT	VIIRS SDR Black Body Thermistor PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD- L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-024	VIIRS-SDR-DELTA-C-LUT	VIIRS Delta C Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-026	VIIRS-SDR-DNB-DN0-LUT	VIIRS Day/Night Band Digital Count 0 Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-027	VIIRS-SDR-DNB-FRAME-TO-ZONE-LUT	VIIRS Day/Night Band Frame to Zone Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-028	VIIRS-SDR-DNB-RVF-LUT	VIIRS SDR Day/Night Band Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-029	VIIRS-SDR-EBBT-LUT	VIIRS Equivalent Black Body Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-030	VIIRS-SDR-EMISSIVE-V2-LUT	VIIRS Emissivity Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-086	VIIRS-SDR-F-PREDICTED-LUT	VIIRS F Table Processing Coefficients	S-NPP	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-033	VIIRS-SDR-DG-ANOMALY-DN-LIMITS-LUT	VIIRS DG Anomaly DN Limits PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-035	VIIRS-SDR-DNB-STRAY-LIGHT-CORRECTION-LUT	VIIRS DNB Stray Light PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-041	VIIRS-SDR-RADIOMETRIC-PARAM-V4-LUT	VIIRS SDR Radiometric Parameter Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	HDF5	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-036	VIIRS-SDR-HAM-ER-LUT	VIIRS Half Angle Mirror Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-037	VIIRS-SDR-OBC-ER-LUT	VIIRS OBC Emitted Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-038	VIIRS-SDR-OBC-RR-LUT	VIIRS OBC Reflected Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-039	VIIRS-SDR-OBS-TO-PIXELS-LUT	VIIRS OBS to Pixel Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-040	VIIRS-SDR-QA-V2-LUT	VIIRS Quality Assurance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-042	VIIRS-SDR-REFLECTIVE-LUT	VIIRS Reflective Values Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-044	VIIRS-SDR-RTA-ER-LUT	VIIRS Rotating Telescope Assembly Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-045	VIIRS-SDR-RVF-LUT	VIIRS SDR Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II,	NP_NU-LM0233-047	VIIRS-SDR-SOLAR-IRAD-LUT	VIIRS Solar Irradiances Processing	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to	X.CG.AD-L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
Pt 06			Coefficients				CLASS ICD	
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-048	VIIRS-SDR-TELE-COEFFS-LUT	VIIRS Telemetry Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-211	VIIRS-SDR-GEO-IMG-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – I-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-212	VIIRS-SDR-GEO-MOD-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – M-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-213	VIIRS-SDR-GEO-DNB-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – DNB-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-08: JPSS DD Vol II, Pt 08	NP_NU-LM0233-215	CMNGEO-PARAM-LUT	Common Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-000	VIIRS-BP-PSF-MOD-LUT	VIIRS Bright Pixel PSF MOD LUT	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-001	VIIRS-BP-SUB-RADIANCE-LUT	VIIRS Bright Pixel Sub-Radiance LUT	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-002	VIIRS-BP-FlagThreshold-LUT	VIIRS Bright Pixel Flag Threshold LUT	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-008	OMPS-TC-CALCONST-LUT	OMPS TC Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-009	OMPS-TC-FAM-LUT	OMPS TC Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-010	OMPS-TC-OSOL-LUT	OMPS TC Observed Solar PC Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-108	OMPS-NP-CALCONST-LUT	OMPS NP Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-109	OMPS-NP-FAM-LUT	OMPS NP Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-110	OMPS-NP-OSOL-LUT	OMPS NP Observed Solar PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-129	OMPS-TC-STRAYLIGHT-LUT	OMPS Total Column Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-131	OMPS-TC-DARKS-GND-PI	OMPS TC Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-132	OMPS-TC-SAA-DARKS-GND-PI	OMPS TC SAA Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-05: JPSS DD Vol II,	NP_NU-LM0240-137	OMPS-NP-STRAYLIGHT-LUT	OMPS Nadir Profiler Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to	X.CG.AD-L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
Pt 05							CLASS ICD	
474-00448-02-04 JPSS DD Vol II, Pt 04	NP_NU-LM0240-138	OMPS-SURFTYPE-LUT	OMPS Surface Type Ground PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-090	VIIRS-SDR-RELATIVE-SPECTRAL-RESPONSE-LUT	VIIRS Relative Spectral Response PC	S-NPP/JPSS	Binary	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-091	VIIRS-RSBAUTOCAL-SDSM-SOLAR-SCREEN-TRANS-LUT	VIIRS-SDSM-Screen-Transmittance-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-092	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-RTA-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (RTA View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-093	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-SDSM-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (SDSM View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-094	VIIRS-RSBAUTOCAL-RVF-LUT	VIIRS-RSBAUTOCAL-RVF-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-095	VIIRS-SDR-CAL-AUTOMATE-LUT	VIIRS SDR Automated Calibration PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-096	VIIRS-SDR-DNB-GAIN-RATIOS-LUT	VIIRS SDR DNB Gain Ratios PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-097	VIIRS-SDR-DNB-LGS-GAINS-LUT	VIIRS SDR DNB LGS Gains PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-098	VIIRS-RSBAUTOCAL-RSB-F-AUTOMATE-LUT	VIIRS RSBAUTOCAL RSB F Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-099	VIIRS-RSBAUTOCAL-H-AUTOMATE-LUT	VIIRS RSBAUTOCAL H Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-100	VIIRS-RSBAUTOCAL-DNB-LGS-GAIN-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB LGS Gain Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-101	VIIRS-RSBAUTOCAL-DNB-DARK-SIGNAL-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Dark Signal Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-102	VIIRS-RSBAUTOCAL-DNB-GAIN-RATIOS-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Gain Ratios Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-103	VIIRS-RSBAUTOCAL-DNB-MOON-ILLUMINATION-LUT	VIIRS RSBAUTOCAL DNB Moon Illumination PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-104	VIIRS-RSBAUTOCAL-H-LUT	VIIRS RSBAUTOCAL H PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-080	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-082	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-084	VIIRS-RSBAUTOCAL-VOLT-LUT	VIIRS-RSBAUTOCAL-VOLT-LUT	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00110
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-002	CrIS-FS-Correct-Matrix-AUX	CrIS Full Spectral Correction Matrix Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-003	CrIS-FS-SDR-ENGPKT-BACKUP-AUX	CrIS Full Spectral SDR Engineering Packet Backup Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00500-000	Data-Production-RPT	Data Production Report	S-NPP/JPSS	XML	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00026-000	N/A	SHA Digest	S-NPP/JPSS	HEX String	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00448-02-01: JPSS DD Vol II, Pt 01	DP_NU-L00510-000	See Appendix K	Data Quality Notifications	S-NPP/JPSS	HDF5	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES- L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-010	N/A	JSH Acquisition Report	S-NPP/JPSS	XML	AUX	474-00412: JPSS CGS to NASA SDS ICD	X.CG_SD- L00330
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2200-000	N/A	AP Distribution Report	S-NPP/JPSS	XML	AUX	474-00412: JPSS CGS to NASA SDS ICD	X.CG_SD- L00330
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-00412: JPSS CGS to NASA SDS ICD	X.CG_SD- L00330
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2170-001	N/A	CERES Solar Ephemeris Data	S-NPP/JPSS-1	ASCII	AUX	474-00412: JPSS CGS to NASA SDS ICD	X.CG_SD- L00450
474-00001-06: JPSS CDFCB-X Vol VI	C3_SD-L00310-000	N/A	SLE Annotated Header for VCDUs	S-NPP/JPSS	Binary	AUX	474-00412: JPSS CGS to NASA SDS ICD	X.CG_SD- L00310
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-00412: JPSS CGS to NASA SDS ICD	X_SD.CG- L00050
474-00001-06: JPSS CDFCB-X Vol VI	SD.CG_LW4100-000	N/A	SDS EDOS JSH Reports	S-NPP/JPSS	XML	AUX	474-00412: JPSS CGS to NASA SDS ICD	X_SD.CG- L00320
474-00001-06: JPSS CDFCB-X Vol VI	CG_NE-L00200-100	N/A	FCDAS Schedule Request	S-NPP/JPSS	ASCII	AUX	474-00413: JPSS CGS to NESDIS FCDAS ICD	X.CG_NE- L00200
474-00001-06: JPSS CDFCB-X Vol VI	NU.CG-L00020-000	N/A	FCDAS State Of Health	S-NPP/JPSS	ASCII	AUX	474-00413: JPSS CGS to NESDIS FCDAS ICD	X_FB.CG- L00100

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	FB_CG-L00300-100	N/A	FCDAS Equipment Status	S-NPP/JPSS	ASCII	AUX	474-00413: JPSS CGS to NESDIS FCDAS ICD	X_FB_CG-L00300
474-00001-06: JPSS CDFCB-X Vol VI	FB_CG-L00500-200	N/A	Station Contact Schedule	S-NPP/JPSS	ASCII	AUX	474-00413: JPSS CGS to NESDIS FCDAS ICD	X_FB_CG-L00500
474-00001-06: JPSS CDFCB-X Vol VI	NE_CG-L00200-100	N/A	FCDAS Scheduling Response	S-NPP/JPSS	ASCII	AUX	474-00413: JPSS CGS to NESDIS FCDAS ICD	X_NE_CG-L00100
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	N/A	DMSP Mission Schedule	S-NPP/JPSS	ASCII	AUX	474-00416: JPSS CGS to DMSP ICD	X_CG_MC-L06200
474-00001-06: JPSS CDFCB-X Vol VI	MC_CG-L06200-000	N/A	DMSP Proposed Mission Schedule	S-NPP/JPSS	ASCII	AUX	474-00416: JPSS CGS to DMSP ICD	X_MC_CG-L06100
474-00001-06: JPSS CDFCB-X Vol VI	MC_CG-L06200-000	N/A	DMSP Proposed Mission Schedule	S-NPP/JPSS	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X_CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00416: JPSS CGS to DMSP ICD	X_MC_CG-L06300
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00070-000	N/A	Multi-Mission TLE	DMSP	ASCII	AUX	474-00416: JPSS CGS to DMSP ICD	X_MC_CG-L06300
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00070-000	N/A	Multi-Mission TLE	DMSP	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X_CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00423: JPSS CGS to GRAVITE ICD	T_CG_CV-L00030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-002	CrIS-FS-Correct-Matrix-AUX	CrIS Full Spectral Correction Matrix Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00030
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-003	CrIS-FS-SDR-ENGPKT-BACKUP-AUX	CrIS Full Spectral SDR Engineering Packet Backup Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00500-000	Data-Production-RPT	Data Production Report	S-NPP/JPSS	XML	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00026-000	N/A	SHA Digest	S-NPP/JPSS	HEX String	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00030
474-00448-02-01: JPSS DD Vol II, Pt 01	DP_NU-L00510-000	See Appendix K	Data Quality Notifications	S-NPP/JPSS	HDF5	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00030
474-00001-06: JPSS CDFCB-X Vol VI	NU.CG-L00050-000	N/A	Consumer Data Redelivery Request (DRR) Files	S-NPP/JPSS	XML	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CV.CG-L00080
474-00001-06: JPSS CDFCB-X Vol VI	CG_JS-L07100-000	N/A	Forward CLTU Service SLE PDUs	S-NPP/JPSS	See Associated Document	AUX	474-CDRL-01183-FVTS GLS Internal ICD	X.CG.JS-L07100
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-CDRL-01183-FVTS GLS Internal ICD	X.JS.CG-L00170
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS-1	XML	AUX	474-01640: JPSS GP to FP ICD	X.BA.CG-L00010
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	JPSS-2	XML	AUX	474-01640: JPSS GP to FP ICD	X.OA.CG-L02210
474-00001-06: JPSS CDFCB-X Vol VI	CG_SS-L00010-010	N/A	ATOM Repository Files Telemetry Files	S-NPP/JPSS-1	ZIP (containing .arf files)	AUX	474-01640: JPSS GP to FP ICD	X.CG.BA-L00030
474-00001-06: JPSS CDFCB-X Vol VI	CG_SS-L00010-010	N/A	ATOM Repository Files Telemetry Files	JPSS-2	ZIP (containing .arf files)	AUX	474-01640: JPSS GP to FP ICD	X.CG.OA-L02230
474-00001-06: JPSS CDFCB-X Vol VI	AG.CG-L00900-002	N/A	Star Sensor Alignment Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T.AG.CG-L02030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-004	N/A	Inertial Reference Unit Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-005	N/A	TAM Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00000-000	N/A	Attitude Validation Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00010-000	N/A	Sensor Interference Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00030-000	N/A	Attitude Trend Report	S-NPP/JPSS	PDF	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00040-000	N/A	Attitude Anomaly Report	S-NPP/JPSS	PDF and MS Word	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02030
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-002	N/A	Star Sensor Alignment Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-004	N/A	Inertial Reference Unit Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-005	N/A	TAM Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00000-000	N/A	Attitude Validation Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00010-000	N/A	Sensor Interference Report	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00030-000	N/A	Attitude Trend Report	S-NPP/JPSS	PDF	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00040-000	N/A	Attitude Anomaly Report	S-NPP/JPSS	PDF and MS Word	AUX	474-00428: JPSS CGS to AGS ICD	X_CG_AG-L02040
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00050-000	N/A	Attitude Trend Database File	S-NPP/JPSS	Binary	AUX	474-00428: JPSS CGS to AGS ICD	T_AG_CG-L02090

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-00428: JPSS CGS to AGS ICD	T.CG_AG-L01015
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00130-000	Definitive-Ephemeris	Definitive Ephemeris	S-NPP/JPSS	ASCII	AUX	474-00428: JPSS CGS to AGS ICD	T.CG_AG-L01015
474-00001-06: JPSS CDFCB-X Vol VI	CG_EU-L02000-000	N/A	EPS-SG Mission Planning Request	JPSS/Metop-SG	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02000
474-00001-06: JPSS CDFCB-X Vol VI	CG_EU-L02000-000	N/A	EPS-SG Mission Planning Request	JPSS/Metop-SG	XML	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02100-000	N/A	EPS-SG Mission Planning Response	JPSS/Metop-SG	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02100
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02100-000	N/A	EPS-SG Mission Planning Response	JPSS/Metop-SG	XML	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	CG_EU-L02300-000	N/A	NOAA Orbital Ephemeris Messages	JPSS	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02300
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02400-000	N/A	EPS-SG Orbital Ephemeris Messages	Metop-SG	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02400
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02400-000	N/A	EPS-SG Orbital Ephemeris Messages	Metop-SG	XML	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02500-000	N/A	EPS-SG Maneuver Prediction File	Metop-SG	ASCII	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02500
474-00001-06: JPSS CDFCB-X Vol VI	EU.CG-L02500-000	N/A	EPS-SG Maneuver Prediction File	Metop-SG	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	CG_EU-L02600-100	N/A	EPS-SG Post Pass Report	Metop-SG	ASCII csv	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02600
474-00001-06: JPSS CDFCB-X Vol VI	CG_EU-L02600-110	N/A	EPS-SG Dump Report	Metop-SG	ASCII csv	AUX	474-01759: JPSS CGS to EPS-SG ICD	X.CG_EU-L02600

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	EU_CG-L02700-000	N/A	JPSS EUMETSAT Post-Pass Report	JPSS	XML	AUX	474-01759: JPSS CGS to EPS-SG ICD	X_CG_EU-L02700
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-00565: JPSS C3S to IDPS ICD	T_C3_DP-L00010
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-002	N/A	Star Sensor Alignment Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-004	N/A	Inertial Reference Unit Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_CG-L00900-005	N/A	TAM Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00000-000	N/A	Attitude Validation Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00010-000	N/A	Sensor Interference Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00030-000	N/A	Attitude Trend Report	S-NPP/JPSS	PDF	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00040-000	N/A	Attitude Anomaly Report	S-NPP/JPSS	PDF and MS Word	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00400-000	N/A	Improved Interrange Vector (IIRV)	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2080-000	N/A	High Data Rate Monitoring Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2090-000	N/A	Stored Telemetry Analysis Science Data Segment Telemetry Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2170-001	CERES-Angle-AUX	CERES Solar Ephemeris	S-NPP/JPSS-1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00448-02-03: JPSS DD Vol II, Pt 03	DP_NU-LM2020-007	CrIS-FS-SDR-CC	CrIS Full Spectral SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU- S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-014	VIIRS-Ga-Val-Vs-Scene-Sol-Elev-LUT	VIIRS Gain Value Versus Scene Solar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-015	VIIRS-Lun-BRDF-LUT	VIIRS Lunar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-016	VIIRS-LUN-Phase-LUT	VIIRS Lunar Phase Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-017	VIIRS-Sol-BRDF-LUT	VIIRS Solar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-021	VIIRS-SDR-BB-TEMP-COEFFS-LUT	VIIRS SDR Black Body Thermistor PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-024	VIIRS-SDR-DELTA-C-LUT	VIIRS Delta C Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-026	VIIRS-SDR-DNB-DN0-LUT	VIIRS Day/Night Band Digital Count 0 Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-027	VIIRS-SDR-DNB-FRAME-TO-ZONE-LUT	VIIRS Day/Night Band Frame to Zone Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-028	VIIRS-SDR-DNB-RVF-LUT	VIIRS SDR Day/Night Band Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-029	VIIRS-SDR-EBBT-LUT	VIIRS Equivalent Black Body Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-030	VIIRS-SDR-EMISSIVE-V2-LUT	VIIRS Emissivity Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-033	VIIRS-SDR-DG-ANOMALY-DN-LIMITS-LUT	VIIRS DG Anomaly DN Limits PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-035	VIIRS-SDR-DNB-STRAY-LIGHT-CORRECTION-LUT	VIIRS DNB Stray Light PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-036	VIIRS-SDR-HAM-ER-LUT	VIIRS Half Angle Mirror Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-037	VIIRS-SDR-OBC-ER-LUT	VIIRS OBC Emitted Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-038	VIIRS-SDR-OBC-RR-LUT	VIIRS OBC Reflected Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-039	VIIRS-SDR-OBS-TO-PIXELS-LUT	VIIRS OBS to Pixel Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-040	VIIRS-SDR-QA-V2-LUT	VIIRS Quality Assurance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-041	VIIRS-SDR-RADIOMETRIC-PARAM-V4-LUT	VIIRS SDR Radiometric Parameter Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-042	VIIRS-SDR-REFLECTIVE-LUT	VIIRS Reflective Values Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-044	VIIRS-SDR-RTA-ER-LUT	VIIRS Rotating Telescope Assembly Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-045	VIIRS-SDR-RVF-LUT	VIIRS SDR Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-047	VIIRS-SDR-SOLAR-IRAD-LUT	VIIRS Solar Irradiances Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-048	VIIRS-SDR-TELE-COEFFS-LUT	VIIRS Telemetry Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-080	VIIRS-SOLAR-DIFF-ROT-MATRIX-LUT	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-082	VIIRS-SOLAR-DIFF-SDSM-TIME-LUT	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-084	VIIRS-SOLAR-DIFF-VOLT-LUT	VIIRS-RSBAUTOCAL-VOLT-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-086	VIIRS-SDR-F-PREDICTED-LUT	VIIRS F Table Processing Coefficients	S-NPP	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-211	VIIRS-SDR-GEO-IMG-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – I-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-212	VIIRS-SDR-GEO-MOD-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – M-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-213	VIIRS-SDR-GEO-DNB-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – DNB-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-08: JPSS DD Vol II, Pt 08	NP_NU-LM0233-215	CMNGEO-PARAM-LUT	Common Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-000	VIIRS-BP-PSF-MOD-LUT	VIIRS Bright Pixel PSF MOD LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-001	VIIRS-BP-SUB-RADIANCE-LUT	VIIRS Bright Pixel Sub-Radiance LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-002	VIIRS-BP-FlagThreshold-LUT	VIIRS Bright Pixel Flag Threshold LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-008	OMPS-TC-CALCONST-LUT	OMPS TC Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-009	OMPS-TC-FAM-LUT	OMPS TC Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-010	OMPS-TC-OSOL-LUT	OMPS TC Observed Solar PC Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-108	OMPS-NP-CALCONST-LUT	OMPS NP Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-109	OMPS-NP-FAM-LUT	OMPS NP Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-110	OMPS-NP-OSOL-LUT	OMPS NP Observed Solar PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-129	OMPS-TC-STRAYLIGHT-LUT	OMPS Total Column Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-131	OMPS-TC-DARKS-GND-PI	OMPS TC Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-132	OMPS-TC-SAA-DARKS-GND-PI	OMPS TC SAA Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI - GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-137	OMPS-NP-STRAYLIGHT-LUT	OMPS Nadir Profiler Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-138	OMPS-SURFTYPE-LUT	OMPS Surface Type Ground PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	NU_C3-L00005-001	N/A	Packet Load (P-Load) Files	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L04035-000	N/A	SGE Acquisition Report for HRD	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4030-000	N/A	HLM Contact Report	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4035-000	N/A	SMD Contact Report	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00090-000	N/A	Generic Test and Support Data	S-NPP/JPSS	Varies	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-090	VIIRS-SDR-RELATIVE-SPECTRAL-RESPONSE-LUT	VIIRS Relative Spectral Response PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-091	VIIRS-RSBAUTOCAL-SDSM-SOLAR-SCREEN-TRANS-LUT	VIIRS-SDSM-Screen-Transmittance-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-092	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-RTA-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (RTA View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-093	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-SDSM-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (SDSM View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-094	VIIRS-RSBAUTOCAL-RVF-LUT	VIIRS-RSBAUTOCAL-RVF-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-095	VIIRS-SDR-CAL-AUTOMATE-LUT	VIIRS SDR Automated Calibration PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-096	VIIRS-SDR-DNB-GAIN-RATIOS-LUT	VIIRS SDR DNB Gain Ratios PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-097	VIIRS-SDR-DNB-LGS-GAINS-LUT	VIIRS SDR DNB LGS Gains PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-098	VIIRS-RSBAUTOCAL-RSB-F-AUTOMATE-LUT	VIIRS RSBAUTOCAL RSB F Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-099	VIIRS-RSBAUTOCAL-H-AUTOMATE-LUT	VIIRS RSBAUTOCAL H Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-100	VIIRS-RSBAUTOCAL-DNB-LGS-GAIN-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB LGS Gain Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-101	VIIRS-RSBAUTOCAL-DNB-DARK-SIGNAL-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Dark Signal Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-102	VIIRS-RSBAUTOCAL-DNB-GAIN-RATIOS-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Gain Ratios Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-103	VIIRS-RSBAUTOCAL-DNB-MOON-ILLUMINATION-LUT	VIIRS RSBAUTOCAL DNB Moon Illumination PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-104	VIIRS-RSBAUTOCAL-H-LUT	VIIRS RSBAUTOCAL H PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00000-000	N/A	Daily Solar Data (DSD)	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00010-000	N/A	Daily Geomagnetic Data (DGD)	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00010-000	N/A	45-Day AP and F10.7cm Flux Forecast	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	CG.NU-L00100-000	N/A	External Situational Awareness	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00300
474-00001-06: JPSS CDFCB-X Vol VI	C3.NU-LW2090-000	N/A	Stored Telemetry Analysis Science Data Segment Telemetry Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00650

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2110-000	N/A	Stored Telemetry Analysis Limit Checking Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00650
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2110-000	N/A	Stored Telemetry Analysis Trend Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00650
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2110-000	N/A	Stored Telemetry Analysis State Checking Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00650
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2110-000	N/A	Stored Telemetry Analysis Plots	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00650
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00900
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00400-000	N/A	Improved Interrange Vector (IIRV)	S-NPP/JPSS	ASCII file	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00400-000	N/A	Improved Interrange Vector (IIRV)	S-NPP/JPSS	ASCII file	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW0010-001	N/A	End of Contact Report	S-NPP/JPSS	ASCII or XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2070-000	N/A	Network Service Operational Statistics	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2080-000	N/A	High Data Rate Monitoring Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2090-000	N/A	Stored Telemetry Analysis Science Data Segment Telemetry Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2170-000	CERES-AUX	CERES APID Telemetry Files	S-NPP/JPSS-1	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2170-001	CERES-Angle-AUX	CERES Solar Ephemeris	S-NPP/JPSS-1	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-03: JPSS DD Vol II, Pt 03	DP_NU-LM2020-007	CrIS-FS-SDR-CC	CrIS Full Spectral SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-013	VIIRS-Ga-Val-Vs-Scene-Lun-Elev-LUT	VIIRS Gain Value Versus Scene Lunar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-014	VIIRS-Ga-Val-Vs-Scene-Sol-Elev-LUT	VIIRS Gain Value Versus Scene Solar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-015	VIIRS-Lun-BRDF-LUT	VIIRS Lunar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-016	VIIRS-LUN-Phase-LUT	VIIRS Lunar Phase Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-017	VIIRS-Sol-BRDF-LUT	VIIRS Solar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-021	VIIRS-SDR-BB-TEMP-COEFFS-LUT	VIIRS SDR Black Body Thermistor PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-024	VIIRS-SDR-DELTA-C-LUT	VIIRS Delta C Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-026	VIIRS-SDR-DNB-DN0-LUT	VIIRS Day/Night Band Digital Count 0 Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-027	VIIRS-SDR-DNB-FRAME-TO-ZONE-LUT	VIIRS Day/Night Band Frame to Zone Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-028	VIIRS-SDR-DNB-RVF-LUT	VIIRS SDR Day/Night Band Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-029	VIIRS-SDR-EBBT-LUT	VIIRS Equivalent Black Body Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-030	VIIRS-SDR-EMISSIVE-V2-LUT	VIIRS Emissivity Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-086	VIIRS-SDR-F-PREDICTED-LUT	VIIRS F Table Processing Coefficients	S-NPP	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-033	VIIRS-SDR-DG-ANOMALY-DN-LIMITS-LUT	VIIRS DG Anomaly DN Limits PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-035	VIIRS-SDR-DNB-STRAY-LIGHT- CORRECTION-LUT	VIIRS DNB Stray Light PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-036	VIIRS-SDR-HAM-ER-LUT	VIIRS Half Angle Mirror Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-037	VIIRS-SDR-OBC-ER-LUT	VIIRS OBC Emitted Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-038	VIIRS-SDR-OBC-RR-LUT	VIIRS OBC Reflected Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-039	VIIRS-SDR-OBS-TO-PIXELS-LUT	VIIRS OBS to Pixel Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-040	VIIRS-SDR-QA-V2-LUT	VIIRS Quality Assurance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-041	VIIRS-SDR-RADIOMETRIC-PARAM-V4-LUT	VIIRS SDR Radiometric Parameter Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-042	VIIRS-SDR-REFLECTIVE-LUT	VIIRS Reflective Values Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-044	VIIRS-SDR-RTA-ER-LUT	VIIRS Rotating Telescope Assembly Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-045	VIIRS-SDR-RVF-LUT	VIIRS SDR Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-047	VIIRS-SDR-SOLAR-IRAD-LUT	VIIRS Solar Irradiances Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-048	VIIRS-SDR-TELE-COEFFS-LUT	VIIRS Telemetry Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-080	VIIRS-SOLAR-DIFF-ROT-MATRIX-LUT	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-082	VIIRS-SOLAR-DIFF-SDSM-TIME-LUT	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-084	VIIRS-SOLAR-DIFF-VOLT-LUT	VIIRS-RSBAUTOCAL-VOLT-LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-211	VIIRS-SDR-GEO-IMG-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – I-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-212	VIIRS-SDR-GEO-MOD-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – M-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-213	VIIRS-SDR-GEO-DNB-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC – DNB-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-08: JPSS DD Vol II, Pt 08	NP_NU-LM0233-215	CMNGEO-PARAM-LUT	Common Geolocation PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-000	VIIRS-BP-PSF-MOD-LUT	VIIRS Bright Pixel PSF MOD LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-001	VIIRS-BP-SUB-RADIANCE-LUT	VIIRS Bright Pixel Sub-Radiance LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-002	VIIRS-BP-FlagThreshold-LUT	VIIRS Bright Pixel Flag Threshold LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-008	OMPS-TC-CALCONST-LUT	OMPS TC Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-009	OMPS-TC-FAM-LUT	OMPS TC Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-010	OMPS-TC-OSOL-LUT	OMPS TC Observed Solar PC Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-108	OMPS-NP-CALCONST-LUT	OMPS NP Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-109	OMPS-NP-FAM-LUT	OMPS NP Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-110	OMPS-NP-OSOL-LUT	OMPS NP Observed Solar PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-129	OMPS-TC-STRAYLIGHT-LUT	OMPS Total Column Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-131	OMPS-TC-DARKS-GND-PI	OMPS TC Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-132	OMPS-TC-SAA-DARKS-GND-PI	OMPS TC SAA Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI - GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-137	OMPS-NP-STRAYLIGHT-LUT	OMPS Nadir Profiler Straylight LUT	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-138	OMPS-SURFTYPE-LUT	OMPS Surface Type Ground PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00500-000	Data-Production-RPT	Data Production Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00130-000	Data-Avail-Lat-Eng-RPT	Detailed Data Availability and Latency Engineering Report	S-NPP/JPSS	ASCII, CSV	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00120-000	Data-Avail-Lat-Sum-RPT	Data Availability and Latency Summary Report	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L04035-000	N/A	SGE Acquisition Report for HRD	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-010	N/A	JSH Acquisition Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2200-000	N/A	AP Distribution Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-013	VIIRS-Ga-Val-Vs-Scene-Lun-Elev-LUT	VIIRS Gain Value Versus Scene Lunar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4030-000	N/A	HLM Contact Report	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4035-000	N/A	SMD Contact Report	S-NPP/JPSS	HTML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00080-000	MSD-Status-RPT	C3S MSD Status Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00090-000	N/A	Generic Test and Support Data	S-NPP/JPSS	Varies	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG.CG-L00900-002	N/A	Star Sensor Alignment Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG.CG-L00900-004	N/A	Inertial Reference Unit Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG.CG-L00900-005	N/A	TAM Calibration Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-090	VIIRS-SDR-RELATIVE-SPECTRAL-RESPONSE-LUT	VIIRS Relative Spectral Response PC	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-091	VIIRS-RSBAUTOCAL-SDSM-SOLAR-SCREEN-TRANS-LUT	VIIRS-SDSM-Screen-Transmittance-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-092	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-RTA-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (RTA View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-093	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-SDSM-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (SDSM View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-094	VIIRS-RSBAUTOCAL-RVF-LUT	VIIRS-RSBAUTOCAL-RVF-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-095	VIIRS-SDR-CAL-AUTOMATE-LUT	VIIRS SDR Automated Calibration PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-096	VIIRS-SDR-DNB-GAIN-RATIOS-LUT	VIIRS SDR DNB Gain Ratios PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-097	VIIRS-SDR-DNB-LGS-GAINS-LUT	VIIRS SDR DNB LGS Gains PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-098	VIIRS-RSBAUTOCAL-RSB-F-AUTOMATE-LUT	VIIRS RSBAUTOCAL RSB F Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-099	VIIRS-RSBAUTOCAL-H-AUTOMATE-LUT	VIIRS RSBAUTOCAL H Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-100	VIIRS-RSBAUTOCAL-DNB-LGS-GAIN-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB LGS Gain Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-101	VIIRS-RSBAUTOCAL-DNB-DARK-SIGNAL-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Dark Signal Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-102	VIIRS-RSBAUTOCAL-DNB-GAIN-RATIOS-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Gain Ratios Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-103	VIIRS-RSBAUTOCAL-DNB-MOON-ILLUMINATION-LUT	VIIRS RSBAUTOCAL DNB Moon Illumination PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-104	VIIRS-RSBAUTOCAL-H-LUT	VIIRS RSBAUTOCAL H PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00000-000	N/A	Attitude Validation Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00010-000	N/A	Sensor Interference Report	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00030-000	N/A	Attitude Trend Report	S-NPP/JPSS	PDF	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AG_NU-L00040-000	N/A	Attitude Anomaly Report	S-NPP/JPSS	PDF and MS Word	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00000-000	N/A	Daily Solar Data (DSD)	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00010-000	N/A	Daily Geomagnetic Data (DGD)	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	AN.CG-L00020-000	N/A	45-Day AP and F10.7cm Flux Forecast	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00020-020	Pred-Ephem-AUX	Predicted Ephemeris	S-NPP/JPSS	Text-formatted ASCII file	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG.EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00030-030	Rev-Num-AUX	Revolution Number	S-NPP/JPSS	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG.EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG.NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-03: JPSS DD Vol II, Pt 03	DP_NU-LM2020-007	CrIS-FS-SDR-CC	CrIS Full Spectral SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-002	CrIS-FS-Correct-Matrix-AUX	CrIS Full Spectral Correction Matrix Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0130-003	CrIS-FS-SDR-ENGPKT-BACKUP-AUX	CrIS Full Spectral SDR Engineering Packet Backup Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-013	VIIRS-Ga-Val-Vs-Scene-Lun-Elev-LUT	VIIRS Gain Value Versus Scene Lunar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-014	VIIRS-Ga-Val-Vs-Scene-Sol-Elev-LUT	VIIRS Gain Value Versus Scene Solar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-015	VIIRS-Lun-BRDF-LUT	VIIRS Lunar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-016	VIIRS-LUN-Phase-LUT	VIIRS Lunar Phase Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-017	VIIRS-Sol-BRDF-LUT	VIIRS Solar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-021	VIIRS-SDR-BB-TEMP-COEFFS-LUT	VIIRS SDR Black Body Thermistor PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-024	VIIRS-SDR-DELTA-C-LUT	VIIRS Delta C Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-026	VIIRS-SDR-DNB-DN0-LUT	VIIRS Day/Night Band Digital Count 0 Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-027	VIIRS-SDR-DNB-FRAME-TO-ZONE-LUT	VIIRS Day/Night Band Frame to Zone Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-028	VIIRS-SDR-DNB-RVF-LUT	VIIRS SDR Day/Night Band Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-029	VIIRS-SDR-EBBT-LUT	VIIRS Equivalent Black Body Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-030	VIIRS-SDR-EMISSIVE-V2-LUT	VIIRS Emissivity Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-033	VIIRS-SDR-DG-ANOMALY-DN-LIMITS-LUT	VIIRS DG Anomaly DN Limits PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-035	VIIRS-SDR-DNB-STRAY-LIGHT-CORRECTION-LUT	VIIRS DNB Stray Light PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-036	VIIRS-SDR-HAM-ER-LUT	VIIRS Half Angle Mirror Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-037	VIIRS-SDR-OBC-ER-LUT	VIIRS OBC Emitted Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-038	VIIRS-SDR-OBC-RR-LUT	VIIRS OBC Reflected Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-039	VIIRS-SDR-OBS-TO-PIXELS-LUT	VIIRS OBS to Pixel Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-040	VIIRS-SDR-QA-V2-LUT	VIIRS Quality Assurance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-041	VIIRS-SDR-RADIOMETRIC-PARAM-V4-LUT	VIIRS SDR Radiometric Parameter Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-042	VIIRS-SDR-REFLECTIVE-LUT	VIIRS Reflective Values Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-044	VIIRS-SDR-RTA-ER-LUT	VIIRS Rotating Telescope Assembly Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-045	VIIRS-SDR-RVF-LUT	VIIRS SDR Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-047	VIIRS-SDR-SOLAR-IRAD-LUT	VIIRS Solar Irradiances Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-048	VIIRS-SDR-TELE-COEFFS-LUT	VIIRS Telemetry Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-080	VIIRS-SOLAR-DIFF-ROT-MATRIX-LUT	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-082	VIIRS-SOLAR-DIFF-SDSM-TIME-LUT	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-084	VIIRS-SOLAR-DIFF-VOLT-LUT	VIIRS-RSBAUTOCAL-VOLT-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-211	VIIRS-SDR-GEO-IMG-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - I-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-212	VIIRS-SDR-GEO-MOD-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - M-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-213	VIIRS-SDR-GEO-DNB-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - DNB- Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-08: JPSS DD Vol II, Pt 08	NP_NU-LM0233-215	CMNGEO-PARAM-LUT	Common Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-000	VIIRS-BP-PSF-MOD-LUT	VIIRS Bright Pixel PSF MOD LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-001	VIIRS-BP-SUB-RADIANCE-LUT	VIIRS Bright Pixel Sub-Radiance LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-002	VIIRS-BP-FlagThreshold-LUT	VIIRS Bright Pixel Flag Threshold LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-008	OMPS-TC-CALCONST-LUT	OMPS TC Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-009	OMPS-TC-FAM-LUT	OMPS TC Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-010	OMPS-TC-OSOL-LUT	OMPS TC Observed Solar PC Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-108	OMPS-NP-CALCONST-LUT	OMPS NP Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-109	OMPS-NP-FAM-LUT	OMPS NP Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-110	OMPS-NP-OSOL-LUT	OMPS NP Observed Solar PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-129	OMPS-TC-STRAYLIGHT-LUT	OMPS Total Column Straylight LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI - GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-000	N/A	SGE Acquisition Report for SMD	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L04035-000	N/A	SGE Acquisition Report for HRD	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4030-000	N/A	HLM Contact Report	S-NPP/JPSS	HTML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW4035-000	N/A	SMD Contact Report	S-NPP/JPSS	HTML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00090-000	N/A	Generic Test and Support Data	S-NPP/JPSS	Varies	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-090	VIIRS-SDR-RELATIVE-SPECTRAL-RESPONSE-LUT	VIIRS Relative Spectral Response PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-091	VIIRS-RSBAUTOCAL-SDSM-SOLAR-SCREEN-TRANS-LUT	VIIRS-SDSM-Screen-Transmittance-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-092	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-RTA-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (RTA View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-093	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-SDSM-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (SDSM View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-094	VIIRS-RSBAUTOCAL-RVF-LUT	VIIRS-RSBAUTOCAL-RVF-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-095	VIIRS-SDR-CAL-AUTOMATE-LUT	VIIRS SDR Automated Calibration PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-096	VIIRS-SDR-DNB-GAIN-RATIOS-LUT	VIIRS SDR DNB Gain Ratios PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-097	VIIRS-SDR-DNB-LGS-GAINS-LUT	VIIRS SDR DNB LGS Gains PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-098	VIIRS-RSBAUTOCAL-RSB-F-AUTOMATE-LUT	VIIRS RSBAUTOCAL RSB F Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-099	VIIRS-RSBAUTOCAL-H-AUTOMATE-LUT	VIIRS RSBAUTOCAL H Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-100	VIIRS-RSBAUTOCAL-DNB-LGS-GAIN-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB LGS Gain Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-101	VIIRS-RSBAUTOCAL-DNB-DARK-SIGNAL-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Dark Signal Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-102	VIIRS-RSBAUTOCAL-DNB-GAIN-RATIOS-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Gain Ratios Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-103	VIIRS-RSBAUTOCAL-DNB-MOON-ILLUMINATION-LUT	VIIRS RSBAUTOCAL DNB Moon Illumination PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG_NU-S00410
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-104	VIIRS-RSBAUTOCAL-H-LUT	VIIRS RSBAUTOCAL H PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T CG_NU-S00410
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-03: JPSS DD Vol II, Pt 03	DP_NU-LM2020-007	CrIS-FS-SDR-CC	CrIS Full Spectral SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-01: JPSS CDFCB-X Vol I	DP_NU-LM2030-000	N/A	Data Quality Thresholds Tables	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI - GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00500-000	Data-Production-RPT	Data Production Report	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00130-000	Data-Avail-Lat-Eng-RPT	Detailed Data Availability and Latency Engineering Report	S-NPP/JPSS	ASCII, CSV	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00120-000	Data-Avail-Lat-Sum-RPT	Data Availability and Latency Summary Report	S-NPP/JPSS	HTML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00080-000	MSD-Status-RPT	C3S MSD Status Report	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00150-000	Reconciliation-RPT	Reconciliation Report	S-NPP/JPSS	XML, CSV	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-131	OMPS-TC-DARKS-GND-PI	OMPS TC Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-132	OMPS-TC-SAA-DARKS-GND-PI	OMPS TC SAA Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-137	OMPS-NP-STRAYLIGHT-LUT	OMPS Nadir Profiler Straylight LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-138	OMPS-SURFTYPE-LUT	OMPS Surface Type Ground PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_C3-L00060
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00070-070	Mission-Schedule-AUX	Mission Schedule	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-AUX	Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Cont-AUX	GCOM-W1 Contingency Two Line Element Sets	GCOM-W1	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Nom-AUX	GCOM-W1 Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GW1-Off-Nom-AUX	GCOM-W1 Off Nominal Two Line Element Sets	GCOM-W1	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Cont-AUX	GOSAT-GW Contingency Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Nom-AUX	GOSAT-GW Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-100	TLE-GGW-Off-Nom-AUX	GOSAT-GW Off Nominal Two Line Element Sets	GOSAT-GW	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X.CG_EA-L00010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00100-101	Pred-Post-Mnvr-TLE-Sets	Prediction of Post Maneuver Two Line Element Sets	S-NPP/JPSS	ASCII	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00020-020	N/A	Factory Memory Loads	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-02: JPSS DD Vol II, Pt 02	DP_NU-LM2020-001	ATMS-SDR-CC	ATMS SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-03: JPSS DD Vol II, Pt 03	DP_NU-LM2020-007	CrIS-FS-SDR-CC	CrIS Full Spectral SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	DP_NU-LM2020-004	OMPS-NP-SDR-CC	OMPS Nadir Profile SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	DP_NU-LM2020-005	OMPS-TC-SDR-CC	OMPS Total Column SDR Calibration Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-08: JPSS DD Vol II, Pt 08	DP_NU-LM2020-006	CmnGeo-SAA-AC	Common Geolocation SAA Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	DP_NU-LM2020-011	VIIRS-Bright-Pixel-AC	VIIRS Bright Pixel Algorithm Coefficients	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-26: JPSS DD Vol II, Pt 26	DP_NU-LM2020-023	VIIRS-NCC-EDR-AC	VIIRS Near Constant Contrast Imagery PC	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-03: JPSS DD Vol II, Pt 03	NP_NU-LM0230-017	CrIS-FS-SDR-FILL-PACKET-LUT	CrIS Full Spectral Fill Packet PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-013	VIIRS-Ga-Val-Vs-Scene-Lun-Elev-LUT	VIIRS Gain Value Versus Scene Lunar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-014	VIIRS-Ga-Val-Vs-Scene-Sol-Elev-LUT	VIIRS Gain Value Versus Scene Solar Elevation Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-015	VIIRS-Lun-BRDF-LUT	VIIRS Lunar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-016	VIIRS-LUN-Phase-LUT	VIIRS Lunar Phase Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-26: JPSS DD Vol II, Pt 26	NP_NU-LM0233-017	VIIRS-Sol-BRDF-LUT	VIIRS Solar Bidirectional Reflectance Distribution Function Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-021	VIIRS-SDR-BB-TEMP-COEFFS-LUT	VIIRS SDR Black Body Thermistor PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-024	VIIRS-SDR-DELTA-C-LUT	VIIRS Delta C Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-026	VIIRS-SDR-DNB-DN0-LUT	VIIRS Day/Night Band Digital Count 0 Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-027	VIIRS-SDR-DNB-FRAME-TO-ZONE-LUT	VIIRS Day/Night Band Frame to Zone Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-028	VIIRS-SDR-DNB-RVF-LUT	VIIRS SDR Day/Night Band Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-029	VIIRS-SDR-EBBT-LUT	VIIRS Equivalent Black Body Temperature Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-030	VIIRS-SDR-EMISSIVE-V2-LUT	VIIRS Emissivity Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-033	VIIRS-SDR-DG-ANOMALY-DN-LIMITS-LUT	VIIRS DG Anomaly DN Limits PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-035	VIIRS-SDR-DNB-STRAY-LIGHT- CORRECTION-LUT	VIIRS DNB Stray Light PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-036	VIIRS-SDR-HAM-ER-LUT	VIIRS Half Angle Mirror Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-037	VIIRS-SDR-OBC-ER-LUT	VIIRS OBC Emitted Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-038	VIIRS-SDR-OBC-RR-LUT	VIIRS OBC Reflected Radiance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-039	VIIRS-SDR-OBS-TO-PIXELS-LUT	VIIRS OBS to Pixel Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-040	VIIRS-SDR-QA-V2-LUT	VIIRS Quality Assurance Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-041	VIIRS-SDR-RADIOMETRIC-PARAM-V4-LUT	VIIRS SDR Radiometric Parameter Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-042	VIIRS-SDR-REFLECTIVE-LUT	VIIRS Reflective Values Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-044	VIIRS-SDR-RTA-ER-LUT	VIIRS Rotating Telescope Assembly Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-045	VIIRS-SDR-RVF-LUT	VIIRS SDR Response Versus Frame Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-047	VIIRS-SDR-SOLAR-IRAD-LUT	VIIRS Solar Irradiances Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-048	VIIRS-SDR-TELE-COEFFS-LUT	VIIRS Telemetry Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-080	VIIRS-SOLAR-DIFF-ROT-MATRIX-LUT	VIIRS-RSBAUTOCAL-ROT-MATRIX-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-082	VIIRS-SOLAR-DIFF-SDSM-TIME-LUT	VIIRS-RSBAUTOCAL-SDSM-TIME-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-084	VIIRS-SOLAR-DIFF-VOLT-LUT	VIIRS-RSBAUTOCAL-VOLT-LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-086	VIIRS-SDR-F-PREDICTED-LUT	VIIRS F Table Processing Coefficients	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-090	VIIRS-SDR-RELATIVE-SPECTRAL-RESPONSE-LUT	VIIRS Relative Spectral Response PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-091	VIIRS-RSBAUTOCAL-SDSM-SOLAR-SCREEN-TRANS-LUT	VIIRS-SDSM-Screen-Transmittance-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-092	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-RTA-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (RTA View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-093	VIIRS-RSBAUTOCAL-BRDF-SCREEN-TRANSMISSION-PRODUCT-SDSM-VIEW-LUT	VIIRS-RSBAUTOCAL-BRDF-Solar Attenuation Screen Transmittance Product (SDSM View) PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-094	VIIRS-RSBAUTOCAL-RVF-LUT	VIIRS-RSBAUTOCAL-RVF-PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-095	VIIRS-SDR-CAL-AUTOMATE-LUT	VIIRS SDR Automated Calibration PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-096	VIIRS-SDR-DNB-GAIN-RATIOS-LUT	VIIRS SDR DNB Gain Ratios PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-097	VIIRS-SDR-DNB-LGS-GAINS-LUT	VIIRS SDR DNB LGS Gains PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-098	VIIRS-RSBAUTOCAL-RSB-F-AUTOMATE-LUT	VIIRS RSBAUTOCAL RSB F Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-099	VIIRS-RSBAUTOCAL-H-AUTOMATE-LUT	VIIRS RSBAUTOCAL H Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-100	VIIRS-RSBAUTOCAL-DNB-LGS-GAIN-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB LGS Gain Automate PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-101	VIIRS-RSBAUTOCAL-DNB-DARK-SIGNAL-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Dark Signal Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-102	VIIRS-RSBAUTOCAL-DNB-GAIN-RATIOS-AUTOMATE-LUT	VIIRS RSBAUTOCAL DNB Gain Ratios Automate	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-103	VIIRS-RSBAUTOCAL-DNB-MOON-ILLUMINATION-LUT	VIIRS RSBAUTOCAL DNB Moon Illumination PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-104	VIIRS-RSBAUTOCAL-H-LUT	VIIRS RSBAUTOCAL H PC	S-NPP/JPSS	Binary. See Associated Documentation for details	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-211	VIIRS-SDR-GEO-IMG-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - I-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-212	VIIRS-SDR-GEO-MOD-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - M-Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0233-213	VIIRS-SDR-GEO-DNB-PARAM-V2-LUT	VIIRS SDR GEO PARAM PC - DNB- Band Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-08: JPSS DD Vol II, Pt 08	NP_NU-LM0233-215	CMNGEO-PARAM-LUT	Common Geolocation PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-000	VIIRS-BP-PSF-MOD-LUT	VIIRS Bright Pixel PSF MOD LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-001	VIIRS-BP-SUB-RADIANCE-LUT	VIIRS Bright Pixel Sub-Radiance LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-06: JPSS DD Vol II, Pt 06	NP_NU-LM0235-002	VIIRS-BP-FlagThreshold-LUT	VIIRS Bright Pixel Flag Threshold LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-002	OMPS-TC-BIAS-AP	OMPS TC Bias PC	S-NPP/JPSS	HDF5	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-008	OMPS-TC-CALCONST-LUT	OMPS TC Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-009	OMPS-TC-FAM-LUT	OMPS TC Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-010	OMPS-TC-OSOL-LUT	OMPS TC Observed Solar PC Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-100	OMPS-NP-DARKS-AP	OMPS NP Darks PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-101	OMPS-NP-SAA-DARKS-AP	OMPS NP SAA Darks PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-102	OMPS-NP-BIAS-AP	OMPS NP Bias PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-108	OMPS-NP-CALCONST-LUT	OMPS NP Calibration Constant PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-109	OMPS-NP-FAM-LUT	OMPS NP Field Angles Map PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-110	OMPS-NP-OSOL-LUT	OMPS NP Observed Solar PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-129	OMPS-TC-STRAYLIGHT-LUT	OMPS Total Column Straylight LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-130	OMPS-TBL-VERS-GND-PI	OMPS Table to Version Mapping Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-131	OMPS-TC-DARKS-GND-PI	OMPS TC Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-132	OMPS-TC-SAA-DARKS-GND-PI	OMPS TC SAA Darks Manual PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-137	OMPS-NP-STRAYLIGHT-LUT	OMPS Nadir Profiler Straylight LUT	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-04 JPSS DD Vol II, Pt 04	NP_NU-LM0240-138	OMPS-SURFTYPE-LUT	OMPS Surface Type Ground PC	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-01: JPSS CDFCB-X Vol I	DP_NU-LM2030-000	N/A	Data Quality Thresholds Tables	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-020	OMPS-TC-TIMING-PATTERN-GND-PI	OMPS TC Timing Pattern	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-022	OMPS-TC-EV-SAMPLE-GND-PI	OMPS TC Earth View Sample Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-023	OMPS-TC-MACROTABLE-GND-PI	OMPS TC Macropixel Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-026	OMPS-TC-WAVELENGTH-GND-PI	OMPS TC Wavelengths	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-027	OMPS-TC-CF-EARTH-GND-PI	OMPS TC CF Earth Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-119	OMPS-NP-TIMING-PATTERN-GND-PI	OMPS NP Timing Pattern Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-121	OMPS-NP-EV-SAMPLE-GND-PI	OMPS NP Earth View Sample Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-122	OMPS-NP-MACROTABLE-GND-PI	OMPS NP Macropixel Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-125	OMPS-NP-WAVELENGTH-GND-PI	OMPS NP Wavelengths Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-127	OMPS-NP-CF-EARTH-GND-PI	OMPS NP CF Earth Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-04: JPSS DD Vol II, Pt 04	NP_NU-LM0240-133	OMPS-TC-BIAS-GND-PI	OMPS TC Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-134	OMPS-NP-DARKS-GND-PI - GND-PI	OMPS NP Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-135	OMPS-NP-SAA-DARKS-GND-PI	OMPS NP SAA Darks Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00448-02-05: JPSS DD Vol II, Pt 05	NP_NU-LM0240-136	OMPS-NP-BIAS-GND-PI	OMPS NP Bias Ground Table	S-NPP/JPSS	Binary	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_NU-LW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_DP_NU-LM0020
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T_C3_DP-L00030
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-L00040-040	SCDBU	Spacecraft Configuration Database Update	S-NPP/JPSS	XML	AUX	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00015-000	N/A	Consolidated Data Delivery Reports	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00130
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00050-000	N/A	Data Delivery Report	S-NPP/JPSS	XML	AUX	474-00423: JPSS CGS to GRAVITE ICD	T.CG.CV-L00210
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00050-000	N/A	Data Delivery Report	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.CG.AD-L00210
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00050-000	N/A	Data Delivery Report	S-NPP/JPSS	XML	AUX	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG.ES-L00210
474-00001-06: JPSS CDFCB-X Vol VI	NU.CG-L00050-000	N/A	Consumer Data Redelivery Request (DRR) Files	S-NPP/JPSS	XML	AUX	474-00410: JPSS CGS to CLASS ICD	X.AD.CG-L00080
474-00001-01: JPSS CDFCB-X Vol I	DP_NU-LM2030-000	N/A	Data Quality Threshold Tables	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	KS.CG-L01900-000	N/A	Antenna Post-Pass Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	DP_NU-L00150-000	Reconciliation-RPT	Reconciliation Report	S-NPP/JPSS	XML, CSV	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_DP-L00030-010	N/A	JSH Acquisition Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	C3_NU-LW2200-000	N/A	AP Distribution Report	S-NPP/JPSS	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	SV_C3-L00000-010	N/A	GOSAT-GW Cancellation Notice Files	GOSAT-GW	XML	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-SW0010
474-00001-01: JPSS CDFCB-X Vol I	DP_NU-LM2030-000	N/A	Data Quality Threshold Tables	S-NPP/JPSS	Binary	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00130-000	Definitive Ephemeris	Definitive Ephemeris	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-S00200
474-00001-06: JPSS CDFCB-X Vol VI	CG_SS-L00010-010	N/A	Telemetry Data	JPSS-2	ZIP (containing .arf files)	AUX	474-00562: JPSS CGS Services IDD	X.CG.NU-S00200

Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00001-06: JPSS CDFCB-X Vol VI	CG_NU-L00130-000	Definitive Ephemeris	Definitive Ephemeris	S-NPP/JPSS	ASCII	AUX	474-00562: JPSS CGS Services IDD	X_CG_NU-SW0010
474-00001-06: JPSS CDFCB-X Vol VI	EA_CG-L00010-000	N/A	Filtered Ground Events	S-NPP/JPSS	XML	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X_CG_EA-L00020
474-00001-06: JPSS CDFCB-X Vol VI	EA_CG-L00020-000	N/A	Deconflicted Schedule	S-NPP/JPSS	ASCII	AUX	474-01938 JPSS CGS to OSPO SFE Server IRCD	X_CG_EA-L00020

Table B-2. Sensor Calibration Table Updates Identifiers

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
DP_NU-L00020-020	Sen-Calib-Coeff-NPP-ATMS-AUX	S-NPP ATMS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-CrIS-AUX	S-NPP CrIS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-CERES-AUX	S-NPP CERES Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCGCE-AUX	S-NPP OMPS TC Gain Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPGCE-AUX	S-NPP OMPS NP Gain Correction Table – Earth Observation Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPGCE-AUX	S-NPP OMPS LP Gain Correction Table – Earth Observation Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC1-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC2-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC3-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-NPP-OMPS-TCSTC4-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC5-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTEV-AUX	S-NPP OMPS TC Sample Table Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC6-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC7-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC8-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC9-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC10-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC11-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC12-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC13-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCSTC14-AUX	S-NPP OMPS TC Sample Table On Orbit Calibration 14 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-TCLCEV-AUX	S-NPP OMPS TC Sample Table Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTEV-AUX	S-NPP OMPS NP Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC1-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-NPP-OMPS-NPSTC2-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC3-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC4-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC5-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC6-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC7-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC8-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPSTC9-AUX	S-NPP OMPS NP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-NPLCEV-AUX	S-NPP OMPS NP Linearity Correction Table Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTEV1-AUX	S-NPP OMPS LP (Long Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTEV2-AUX	S-NPP OMPS LP (Short Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC1-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC2-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC3-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC4-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-NPP-OMPS-LPSTC5-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC6-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC7-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC8-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC9-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC10-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC11-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC12-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPSTC13-AUX	S-NPP OMPS LP Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-OMPS-LPLCEV-AUX	S-NPP OMPS LP Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-VIIRS-DNBAGg-AUX	S-NPP VIIRS DNB Aggregation Mode Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-VIIRS-DNBRad-AUX	S-NPP VIIRS DNB Radiation Thresholds Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-VIIRS-DNB1A-AUX	S-NPP VIIRS DNB 1A Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-VIIRS-DNB1B-AUX	S-NPP VIIRS DNB 1B Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-NPP-VIIRS-DNB2-AUX	S-NPP VIIRS DNB 2 Offsets Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-NPP-VIIRS-DNB3-AUX	S-NPP VIIRS DNB 3 Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-ATMS-AUX	JPSS-1 ATMS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-CrIS-AUX	JPSS-1 CrIS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-CERES-AUX	JPSS-1 CERES Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCGCE-AUX	JPSS-1 OMPS TC Gain Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPGCE-AUX	JPSS-1 OMPS NP Gain Correction Table – Earth Observation Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC1-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC2-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC3-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC4-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC5-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTEV-AUX	JPSS-1 OMPS TC Sample Table Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC6-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC7-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC8-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J01-OMPS-TCSTC9-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC10-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC11-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC12-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC13-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCSTC14-AUX	JPSS-1 OMPS TC Sample Table On Orbit Calibration 14 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-TCLCEV-AUX	JPSS-1 OMPS TC Sample Table Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTEV-AUX	JPSS-1 OMPS NP Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC1-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC2-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC3-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC4-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC5-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC6-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC7-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J01-OMPS-NPSTC8-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPSTC9-AUX	JPSS-1 OMPS NP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-NPLCEV-AUX	JPSS-1 OMPS NP Linearity Correction Table Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTEV1-AUX	JPSS-1 OMPS LP (Long Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTEV1-2-AUX	JPSS-1 OMPS LP (Short Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC1-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC2-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC3-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC4-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC5-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC6-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC7-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC8-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC9-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC10-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J01-OMPS-LPSTC11-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC12-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPSTC13-AUX	JPSS-1 OMPS LP Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-OMPS-LPLCEV-AUX	JPSS-1 OMPS LP Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-SEM-AUX	JPSS-1 SEM Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNBAGg-AUX	JPSS-1 VIIRS DNB Aggregation Mode Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNBRad-AUX	JPSS-1 VIIRS DNB Radiation Thresholds Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNB1A-AUX	JPSS-1 VIIRS DNB 1A Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNB1B-AUX	JPSS-1 VIIRS DNB 1B Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNB2-AUX	JPSS-1 VIIRS DNB 2 Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J01-VIIRS-DNB3-AUX	JPSS-1 VIIRS DNB 3 Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-ATMS-AUX	J02 ATMS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-CrIS-AUX	J02 CrIS Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-RBI-AUX	J02 RBI Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCGCE-AUX	J02 OMPS TC Gain Correction Table – Earth Observations Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J02-OMPS-NPGCE-AUX	J02 OMPS NP Gain Correction Table – Earth Observation Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPGCE-AUX	J02 OMPS LP Gain Correction Table – Earth Observation Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC1-AUX	J02 OMPS TC Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC2-AUX	J02 OMPS TC Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC3-AUX	J02 OMPS TC Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC4-AUX	J02 OMPS TC Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC5-AUX	J02 OMPS TC Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTEV-AUX	J02 OMPS TC Sample Table Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC6-AUX	J02 OMPS TC Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC7-AUX	J02 OMPS TC Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC8-AUX	J02 OMPS TC Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC9-AUX	J02 OMPS TC Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC10-AUX	J02 OMPS TC Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC11-AUX	J02 OMPS TC Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC12-AUX	J02 OMPS TC Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J02-OMPS-TCSTC13-AUX	J02 OMPS TC Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCSTC14-AUX	J02 OMPS TC Sample Table On Orbit Calibration 14 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-TCLCEV-AUX	J02 OMPS TC Sample Table Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTEV-AUX	J02 OMPS NP Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC1-AUX	J02 OMPS NP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC2-AUX	J02 OMPS NP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC3-AUX	J02 OMPS NP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC4-AUX	J02 OMPS NP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC5-AUX	J02 OMPS NP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC6-AUX	J02 OMPS NP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC7-AUX	J02 OMPS NP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC8-AUX	J02 OMPS NP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPSTC9-AUX	J02 OMPS NP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-NPLCEV-AUX	J02 OMPS NP Linearity Correction Table Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTEV1-AUX	J02 OMPS LP (Long Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J02-OMPS-LPSTEV2-AUX	J02 OMPS LP (Short Exposure) Sample Table – Earth Observations Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC1-AUX	J02 OMPS LP Sample Table On Orbit Calibration 01 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC2-AUX	J02 OMPS LP Sample Table On Orbit Calibration 02 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC3-AUX	J02 OMPS LP Sample Table On Orbit Calibration 03 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC4-AUX	J02 OMPS LP Sample Table On Orbit Calibration 04 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC5-AUX	J02 OMPS LP Sample Table On Orbit Calibration 05 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC6-AUX	J02 OMPS LP Sample Table On Orbit Calibration 06 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC7-AUX	J02 OMPS LP Sample Table On Orbit Calibration 07 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC8-AUX	J02 OMPS LP Sample Table On Orbit Calibration 08 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC9-AUX	J02 OMPS LP Sample Table On Orbit Calibration 09 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC10-AUX	J02 OMPS LP Sample Table On Orbit Calibration 10 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC11-AUX	J02 OMPS LP Sample Table On Orbit Calibration 11 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC12-AUX	J02 OMPS LP Sample Table On Orbit Calibration 12 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPSTC13-AUX	J02 OMPS LP Sample Table On Orbit Calibration 13 Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-OMPS-LPLCEV-AUX	J02 OMPS LP Linearity Correction Table – Earth Observations Sensor Calibration Tables Updates

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	Sen-Calib-Coeff-J02-VIIRS-DNBagg-AUX	J02 VIIRS DNB Aggregation Mode Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-VIIRS-DNBRad-AUX	J02 VIIRS DNB Radiation Thresholds Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-VIIRS-DNB1A-AUX	J02 VIIRS DNB 1A Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-VIIRS-DNB1B-AUX	J02 VIIRS DNB 1B Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-VIIRS-DNB2-AUX	J02 VIIRS DNB 2 Offsets Sensor Calibration Tables Updates
	Sen-Calib-Coeff-J02-VIIRS-DNB3-AUX	J02 VIIRS DNB 3 Offsets Sensor Calibration Tables Updates

Table B-3. Ephemeral Processing Coefficients Identifiers

See Table B-1, Auxiliary Data Format Identifiers, for the listing for the Ephemeral Processing Coefficients Identifiers

Table B-4. Auxiliary Data Format Identifiers – Initialization Processing Coefficients, Automated Processing Coefficients, and Look Up Tables

See Table B-1, Auxiliary Data Format Identifiers, for the listing for the Initialization Processing Coefficients, Automated Processing Coefficients, and Look Up Tables.

Table B-5. Automated Processing Coefficients Identifiers

See Table B-1, Auxiliary Data Format Identifiers, for the full list of LUTs and Processing Coefficients.

Table B-6. Look Up Tables Identifiers

See Table B-1, Auxiliary Data Format Identifiers, for the full list of LUTs and Processing Coefficients.

Table B-7. Data Quality Threshold Tables Identifiers

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
DP_NU-LM2030-000	VIIRS-M10-SDR-DQTT	VIIRS Moderate Band 10 SDR DQTT
	VIIRS-M11-SDR-DQTT	VIIRS Moderate Band 11 SDR DQTT
	VIIRS-M12-SDR-DQTT	VIIRS Moderate Band 12 SDR DQTT
	VIIRS-M13-SDR-DQTT	VIIRS Moderate Band 13 SDR DQTT
	VIIRS-M14-SDR-DQTT	VIIRS Moderate Band 14 SDR DQTT
	VIIRS-M15-SDR-DQTT	VIIRS Moderate Band 15 SDR DQTT
	VIIRS-M16-SDR-DQTT	VIIRS Moderate Band 16 SDR DQTT
	VIIRS-M1-SDR-DQTT	VIIRS Moderate Band 01 SDR DQTT
	VIIRS-M2-SDR-DQTT	VIIRS Moderate Band 02 SDR DQTT
	VIIRS-M3-SDR-DQTT	VIIRS Moderate Band 03 SDR DQTT
	VIIRS-M4-SDR-DQTT	VIIRS Moderate Band 04 SDR DQTT
	VIIRS-M5-SDR-DQTT	VIIRS Moderate Band 05 SDR DQTT
	VIIRS-M6-SDR-DQTT	VIIRS Moderate Band 06 SDR DQTT
	VIIRS-M7-SDR-DQTT	VIIRS Moderate Band 07 SDR DQTT

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	VIIRS-M8-SDR-DQTT	VIIRS Moderate Band 08 SDR DQTT
	VIIRS-M9-SDR-DQTT	VIIRS Moderate Band 09 SDR DQTT
	VIIRS-I1-SDR-DQTT	VIIRS Image Band 01 SDR DQTT
	VIIRS-I2-SDR-DQTT	VIIRS Image Band 02 SDR DQTT
	VIIRS-I3-SDR-DQTT	VIIRS Image Band 03 SDR DQTT
	VIIRS-I4-SDR-DQTT	VIIRS Image Band 04 SDR DQTT
	VIIRS-I5-SDR-DQTT	VIIRS Image Band 05 SDR DQTT
	ATMS-SDR-DQTT	ATMS SDR DQTT
	ATMS-TDR-DQTT	ATMS SDR DQTT
	CrIS-FS-SDR-DQTT	CrIS Full Spectral SDR DQTT
	VIIRS-DNB-SDR-DQTT	VIIRS Day Night Band SDR DQTT
	VIIRS-NCC-EDR-DQTT	VIIRS EDR DQTT
	VIIRS-I1-IMG-EDR-DQTT	VIIRS Imagery Band 1 EDR DQTT
	VIIRS-I2-IMG-EDR-DQTT	VIIRS Imagery Band 2 EDR DQTT
	VIIRS-I3-IMG-EDR-DQTT	VIIRS Imagery Band 3 EDR DQTT

Data Mnemonic	Collection Short Name	Definition or Collection Long Name
	VIIRS-I4-IMG-EDR-DQTT	VIIRS Imagery Band 4 EDR DQTT
	VIIRS-I5-IMG-EDR-DQTT	VIIRS Imagery Band 5 EDR DQTT

Table B-8. Official Dynamic Ancillary Data Identifiers and Data Mapping

Data Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00562: JPSS CGS Services IDD	X.CG_NU-S00200
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00423: JPSS CGS to GRAVITE ICD	T.CG_CV-L00030
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00411: JPSS CGS to NESDIS ESPC ICD	X.CG_ES-L00030
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00411: JPSS CGS to NESDIS ESPC ICD	X.ES.CG-L00100
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-CDRL-01619: JPSS CGS Internal Services ICD	T.CG_NU-S00410
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-CDRL-01619: JPSS CGS Internal Services ICD	T.DP_NU-LM0020
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-CDRL-01619: JPSS CGS Internal Services ICD	T.DP_C3-L00060

Data Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10330-003	USNO-PolarWander-UT1-ANC	Earth Orientation - Finals 2000A	S-NPP/JPSS	See Associated Document	ODAD	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00030

Table B-9. Official Static Ancillary Data Identifiers and Data Mapping

Data Document	Data Mnemonic	Collection Short Name	Data Description	Effectivity	File Type	Data Type	Interface Document	Interface Mnemonic
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10340-001	Planet-Eph-ANC	Planetary Ephemeris	S-NPP/JPSS	Binary	OSAD	474-00562: JPSS CGS Services IDD	X.CG_NU-SW0010
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10340-001	Planet-Eph-ANC	Planetary Ephemeris	S-NPP/JPSS	Binary	OSAD	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110
474-00448-02-01: JPSS DD Vol II, Pt 01	AN_NP-L10100-003	Terrain-Eco-ANC-Tile	IDPS Terrain Database Tile	S-NPP/JPSS	Binary. See Associated Documentation for details	OSAD	474-00410: JPSS CGS to CLASS ICD	X.CG_AD-L00110

Table B-10. OMPS Table ID to CSN Mapping

Sensor	Table ID	Table Name	CSN
OMPS	0	EXECUTABLE RAM	None
OMPS	1	AS LAUNCHED EXE	None
OMPS	2	MODIFIABLE EXE	None
OMPS	3	GLOBAL CONFIG	None
OMPS	4	MECH OPTIONS	None
OMPS	5	FAULT ACTIONS	None
OMPS	6	FAULT LOG	None
OMPS	7	CORE_FILE	None
OMPS	8	RAM_SNAPSHOT	None
OMPS	9	BUFFER_POOL	None
OMPS	10	CVT	None
OMPS	11	AUX_CVT	None
OMPS	12	LIMITS_TABLE	None
OMPS	13	RAW ENG DATA	None
OMPS	15	ASCII_BUFFER_TABLE	None
OMPS	16	BOOT_EEPROM_UPLOAD (binary)	None
OMPS	20	CBM CRITICAL	None
OMPS	21	CBM NON CRITICAL	None
OMPS	22	CSM PRIMARY	None
OMPS	23	CSM SECONDARY	None
OMPS	24	CMD_HISTORY	None
OMPS	25	UPLOAD HOLDING BUFFER	N/A
OMPS	26	BOOT_EEPROM_1_MEM_DUMP	None
OMPS	27	BOOT_EEPROM_2_MEM_DUMP	None
OMPS	28	NADIR_CDP_TEST_RESULTS	None
OMPS	29	LIMB_CDP_TEST_RESULTS	None
OMPS	30	NADIR_TPG_CMD_LOG	None
OMPS	31	LIMB_TPG_CMD_LOG	None

Sensor	Table ID	Table Name	CSN
OMPS	32	TPG TEST PATTERNS	None
OMPS	33	NADIR_TPG_MEMORY_DUMP	None
OMPS	34	LIMB_TPG_MEMORY_DUMP	None
OMPS	35	NADIR_TPG_TEST_RESULTS	None
OMPS	36	LIMB_TPG_TEST_RESULTS	None
OMPS	37	CDP_MEMORY_DUMP	None
OMPS	38	CDP TEST PATTERNS	None
OMPS	40	NADIR IMAGING PROFILE	None
OMPS	41	LIMB IMAGING PROFILE	None
OMPS	42	TC GAIN CORR EV	Sen-Calib-Coeff-NPP-OMPS-TCGCE-AUX
OMPS	43	NP GAIN CORR EV	Sen-Calib-Coeff-NPP-OMPS-NPGCE-AUX
OMPS	44	LP GAIN CORR EV	Sen-Calib-Coeff-NPP-OMPS-LPGCE-AUX
OMPS	45	TC SAMPLE TBL CAL 01	Sen-Calib-Coeff-NPP-OMPS-TCSTC1-AUX
OMPS	46	TC SAMPLE TBL CAL 02	Sen-Calib-Coeff-NPP-OMPS-TCSTC2-AUX
OMPS	47	TC SAMPLE TBL CAL 03	Sen-Calib-Coeff-NPP-OMPS-TCSTC3-AUX
OMPS	48	TC SAMPLE TBL CAL 04	Sen-Calib-Coeff-NPP-OMPS-TCSTC4-AUX
OMPS	49	TC SAMPLE TBL CAL 05	Sen-Calib-Coeff-NPP-OMPS-TCSTC5-AUX
OMPS	50	TC SAMPLE TBL EV	Sen-Calib-Coeff-NPP-OMPS-TCSTEV-AUX
OMPS	51	TC SAMPLE TBL CAL 06	Sen-Calib-Coeff-NPP-OMPS-TCSTC6-AUX
OMPS	52	TC SAMPLE TBL CAL 07	Sen-Calib-Coeff-NPP-OMPS-TCSTC7-AUX
OMPS	53	TC SAMPLE TBL CAL 08	Sen-Calib-Coeff-NPP-OMPS-TCSTC8-AUX
OMPS	54	TC SAMPLE TBL CAL 09	Sen-Calib-Coeff-NPP-OMPS-TCSTC9-AUX
OMPS	55	TC SAMPLE TBL CAL 10	Sen-Calib-Coeff-NPP-OMPS-TCSTC10-AUX
OMPS	56	TC SAMPLE TBL CAL 11	Sen-Calib-Coeff-NPP-OMPS-TCSTC11-AUX
OMPS	57	TC SAMPLE TBL CAL 12	Sen-Calib-Coeff-NPP-OMPS-TCSTC12-AUX
OMPS	58	TC SAMPLE TBL CAL 13	Sen-Calib-Coeff-NPP-OMPS-TCSTC13-AUX
OMPS	59	TC SAMPLE TBL CAL 14	Sen-Calib-Coeff-NPP-OMPS-TCSTC14-AUX
OMPS	60	TC LINEARITY CORR EV	Sen-Calib-Coeff-NPP-OMPS-TCLCEV-AUX
OMPS	65	NP SAMPLE TBL EV	Sen-Calib-Coeff-NPP-OMPS-NPSTEV-AUX
OMPS	66	NP SAMPLE TBL CAL 01	Sen-Calib-Coeff-NPP-OMPS-NPSTC1-AUX
OMPS	67	NP SAMPLE TBL CAL 02	Sen-Calib-Coeff-NPP-OMPS-NPSTC2-AUX
OMPS	68	NP SAMPLE TBL CAL 03	Sen-Calib-Coeff-NPP-OMPS-NPSTC3-AUX
OMPS	69	NP SAMPLE TBL CAL 04	Sen-Calib-Coeff-NPP-OMPS-NPSTC4-AUX

Sensor	Table ID	Table Name	CSN
OMPS	70	NP SAMPLE TBL CAL 05	Sen-Calib-Coeff-NPP-OMPS-NPSTC5-AUX
OMPS	71	NP SAMPLE TBL CAL 06	Sen-Calib-Coeff-NPP-OMPS-NPSTC6-AUX
OMPS	72	NP SAMPLE TBL CAL 07	Sen-Calib-Coeff-NPP-OMPS-NPSTC7-AUX
OMPS	73	NP SAMPLE TBL CAL 08	Sen-Calib-Coeff-NPP-OMPS-NPSTC8-AUX
OMPS	74	NP SAMPLE TBL CAL 09	Sen-Calib-Coeff-NPP-OMPS-NPSTC9-AUX
OMPS	75	NP LINEARITY CORR EV	Sen-Calib-Coeff-NPP-OMPS-NPLCEV-AUX
OMPS	80	NADIR TIM PAT 01	None
OMPS	81	NADIR TIM PAT 02	None
OMPS	82	NADIR TIM PAT 03	None
OMPS	83	NADIR TIM PAT 04	None
OMPS	84	NADIR TIM PAT CAL 01	None
OMPS	85	NADIR TIM PAT CAL 02	None
OMPS	86	NADIR TIM PAT CAL 03	None
OMPS	87	NADIR TIM PAT CAL 04	None
OMPS	88	NADIR TIM PAT CAL 05	None
OMPS	89	NADIR TIM PAT CAL 06	None
OMPS	90	NADIR TIM PAT CAL 07	None
OMPS	91	NADIR TIM PAT CAL 08	None
OMPS	92	NADIR TIM PAT CAL 09	None
OMPS	93	NADIR TIM PAT CAL 10	None
OMPS	94	NADIR TIM PAT CAL 11	None
OMPS	95	NADIR TIM PAT CAL 12	None
OMPS	100	L1 SAMPLE TBL EV	Sen-Calib-Coeff-NPP-OMPS-LPSTEV1-AUX
OMPS	101	L2 SAMPLE TBL EV	Sen-Calib-Coeff-NPP-OMPS-LPSTEV2-AUX
OMPS	102	LP SAMPLE TBL CAL 01	Sen-Calib-Coeff-NPP-OMPS-LPSTC1-AUX
OMPS	103	LP SAMPLE TBL CAL 02	Sen-Calib-Coeff-NPP-OMPS-LPSTC2-AUX
OMPS	104	LP SAMPLE TBL CAL 03	Sen-Calib-Coeff-NPP-OMPS-LPSTC3-AUX
OMPS	105	LP SAMPLE TBL CAL 04	Sen-Calib-Coeff-NPP-OMPS-LPSTC4-AUX
OMPS	106	LP SAMPLE TBL CAL 05	Sen-Calib-Coeff-NPP-OMPS-LPSTC5-AUX
OMPS	107	LP SAMPLE TBL CAL 06	Sen-Calib-Coeff-NPP-OMPS-LPSTC6-AUX
OMPS	108	LP SAMPLE TBL CAL 07	Sen-Calib-Coeff-NPP-OMPS-LPSTC7-AUX
OMPS	109	LP SAMPLE TBL CAL 08	Sen-Calib-Coeff-NPP-OMPS-LPSTC8-AUX
OMPS	110	LP SAMPLE TBL CAL 09	Sen-Calib-Coeff-NPP-OMPS-LPSTC9-AUX
OMPS	111	LP SAMPLE TBL CAL 10	Sen-Calib-Coeff-NPP-OMPS-LPSTC10-AUX
OMPS	112	LP SAMPLE TBL CAL 11	Sen-Calib-Coeff-NPP-OMPS-LPSTC11-AUX

Sensor	Table ID	Table Name	CSN
OMPS	113	LP_SAMPLE_TBL_CAL_12	Sen-Calib-Coeff-NPP-OMPS-LPSTC12-AUX
OMPS	114	LP_SAMPLE_TBL_CAL_13	Sen-Calib-Coeff-NPP-OMPS-LPSTC13-AUX
OMPS	115	LP_LINEARITY_CORR_EV	Sen-Calib-Coeff-NPP-OMPS-LPLCEV-AUX
OMPS	120	LIMB_TIM_PAT_01	None
OMPS	121	LIMB_TIM_PAT_CAL_01	None
OMPS	122	LIMB_TIM_PAT_CAL_02	None
OMPS	123	LIMB_TIM_PAT_CAL_03	None
OMPS	124	LIMB_TIM_PAT_CAL_04	None
OMPS	125	LIMB_TIM_PAT_CAL_05	None
OMPS	126	LIMB_TIM_PAT_CAL_06	None
OMPS	127	LIMB_TIM_PAT_CAL_07	None
OMPS	128	LIMB_TIM_PAT_CAL_08	None
OMPS	129	LIMB_TIM_PAT_CAL_09	None
OMPS	150	NADIR_TIM_PAT_TEST_01	None
OMPS	151	NADIR_TIM_PAT_TEST_02	None
OMPS	152	NADIR_TIM_PAT_TEST_03	None
OMPS	153	NADIR_TIM_PAT_TEST_04	None
OMPS	154	NADIR_TIM_PAT_TEST_05	None
OMPS	155	NADIR_TIM_PAT_TEST_06	None
OMPS	156	NADIR_TIM_PAT_TEST_07	None
OMPS	157	NADIR_TIM_PAT_TEST_08	None
OMPS	158	NADIR_TIM_PAT_TEST_09	None
OMPS	159	NADIR_TIM_PAT_TEST_10	None
OMPS	160	LIMB_TIM_PAT_TEST_01	None
OMPS	161	TEST_LIMB_TIM_PAT_02	None
OMPS	162	TEST_LIMB_TIM_PAT_03	None
OMPS	163	LIMB_TIM_PAT_TEST_04	None
OMPS	164	LIMB_TIM_PAT_TEST_05	None
OMPS	165	LIMB_TIM_PAT_TEST_06	None
OMPS	166	LIMB_TIM_PAT_TEST_07	None
OMPS	167	LIMB_TIM_PAT_TEST_08	None
OMPS	168	LIMB_TIM_PAT_TEST_09	None
OMPS	169	LIMB_TIM_PAT_TEST_10	None

APPENDIX C: ACRONYM LIST

All acronyms are contained in the JPSS Lexicon, 470-00041.

APPENDIX D: SPACECRAFT, SIMULATOR, AND SENSOR NAMES

The following tables provide the standard naming conventions for the Spacecraft, Simulator, and Sensor Names used for designation in logs, GUIs, and reference documents.

Table D-1. Spacecraft Names

Spacecraft Alphanumeric	Spacecraft Name	Spacecraft ID numbers (SCID) (dec/hex) Channel Protocol: TC (uplink)	SCID (dec/hex) Channel Protocol: AOS (downlink)
S-NPP	S-NPP	157 /9D	157/9D
J01	JPSS Launch 1	415 /19F	159/9F
J02	JPSS Launch 2	433/1B1	177/B1
J03	JPSS Launch 3		178/B2
J04	JPSS Launch 4		179/B3
GW1	GCOM-W1	391 /187	135/87
GGW	GOSAT-GW	254/FE	254/FE

Table D-2. Sensor Names

Sensor Name	Sensor Alphanumeric	Effectivity
Advanced Technology Microwave Sounder	ATMS	S-NPP and JPSS
Clouds and Earth Radiant Energy System	CERES	S-NPP and JPSS-1
Cross-Track Infrared Sounder	CrIS	S-NPP and JPSS
Ozone Mapping and Profiler Suite – Total Column	OMPS-TC	S-NPP and JPSS
Ozone Mapping and Profiler Suite – Nadir Profile	OMPS-NP	S-NPP and JPSS

Sensor Name	Sensor Alphanumeric	Effectivity
Ozone Mapping and Profiler Suite – Limb Profile	OMPS-LP	S-NPP and JPSS-2
Ozone Mapping and Profiler Suite (Integrated Sensor)	OMPS	S-NPP and JPSS
Visible/Infrared Imager/Radiometer Suite	VIIRS	S-NPP and JPSS
Advanced Microwave Scanning Radiometer 2	AMSR2	GCOM-W1
Advanced Microwave Scanning Radiometer 3	AMSR3	GOSAT-GW

Table D-3. Spacecraft to Sensor Mapping

Spacecraft	Sensors
S-NPP – 1330 orbit	ATMS, CrIS, CERES (GFE), OMPS (OMPS-TC, OMPS-NP, and OMPS-LP), VIIRS
JPSS-1 – 1330 orbit (J1)	ATMS, CERES (GFE), CrIS, OMPS (OMPS-TC and OMPS-NP), , VIIRS
JPSS-2 – 1330 orbit (J2)	ATMS, CrIS, OMPS (OMPS-TC, OMPS-NP, and OMPS-LP), VIIRS
GW1 – 1330 orbit	AMSR2 (GFE)
GGW – 1330 orbit	AMSR3 (GFE)

APPENDIX E: SENSOR GRANULE SIZES

S-NPP/JPSS granule sizes are applicable to all S-NPP/JPSS Data Products. Table E-1, S-NPP/JPSS Sensor Granule Sizes, annotates the nominal granule size and scan characteristics of each S-NPP Data Product. Since the actual sizes may vary, refer to the HDF5 metadata value in the respective S-NPP/JPSS data product. Note that the term “observations” refers to sensor measurements that have not been remapped or aggregated. Therefore, there is not necessarily a one-to-one correlation between the pixels or cells per scan in this table and all Environmental Data Records (EDR). The VIIRS definition of observation in this table is actually a pixel, which is an aggregation of detector samples (a sample being the output of one detector at a given instant of time). The ATMS definition of an observation is a single Earth scene (22 beam locations). The CrIS definition of an observation is a single Field Of Regard (FOR). For OMPS, Total Column (TC) and Nadir Profile (NP) specifically, the observation is an Integrated Field Of View (IFOV) and pixel for Calibration SDRs.

Table E-1. S-NPP/JPSS Sensor Granule Sizes

Product Type	Approximate Duration (seconds)	Scans (or swaths) per Granule	Geolocations per Observation	Observations per Scan (or Swath CrossTrack)
VIIRS				
Moderate Band	86	48	16	3200
Image Band			32	6400
Day/Night Band			16	4064
CrIS				
Science Data	32	4	9	30
ATMS				
Science Data	32	12	22	96
OMPS				
Total Column (TC) Science	38	5	1	35
TC Calibration	2700	Varies	740	N/A
Nadir Profile (NP) Science	38	1	1	1
NP Calibration	2700	Varies	1	N/A
Limb Profile (LP) Science**	38 (S-NPP) 30 (JPSS-2)	2 Long Integrations 2 Short Integrations	N/A (RDRs are not Geolocated)	N/A

		(4 total Integrations per granule)		
LP Calibration**	3000	Varies	N/A	N/A
CERES*				
Science RDR	660	100	N/A	N/A

* CERES granule sizes are provided for RDRs. JPSS-2, JPSS-3, and JPSS-4 do not have the CERES sensor

** JPSS-1 does not have the OMPS Limb Profile (LP) sensor

JPSS sensor granule sizes are applicable to all S-NPP/JPSS Data Products produced during this state. Unless specified, all S-NPP granule sizes, as listed in Table E-1, S-NPP/JPSS Sensor Granule Sizes, apply to S-NPP/JPSS Data Products. Since the actual sizes may vary, refer to the HDF5 metadata value in the respective JPSS data product.

Table E-2. GCOM-W1/GOSAT-GW Sensor Granule Sizes

Product Type	Duration (seconds)	Scans (or swaths) / Granule	Geolocation / Observation	Observations / Scan (or Swath CrossTrack)
AMSR				
Science	Varies	360 (can vary)	N/A	N/A
Telemetry	Varies	Varies	N/A Telemetry is not Geolocated	Varies

APPENDIX F: S-NPP/JPSS DATA PRODUCT STYLE GUIDE MATRIX

Table F-1. S-NPP/JPSS Data Product Style Guide Matrix

SDR/TDR/IP/EDR	Style Guide Designation	Primary Sensor
NCC Imagery EDR	Swath	VIIRS
I-Band Imagery EDR	Swath	VIIRS
M-Band Imagery EDR	Swath	VIIRS
VIIRS DNB SDR	Swath	VIIRS
VIIRS I-Band Imagery SDR	Swath	VIIRS
VIIRS M-Band Imagery SDR	Swath	VIIRS
CrIS FS SDR	Swath	CrIS
ATMS SDR	Swath	ATMS
OMPS Nadir Profile SDR	Swath	OMPS
OMPS Total Column SDR	Swath	OMPS
ATMS TDR	Swath	ATMS

APPENDIX G: S-NPP/JPSS DATA PRODUCT GEOLOCATION MAPPING

All SDRs and TDRs are produced with geolocation data that is referenced to the ellipsoid. See tables in Appendix A, S-NPP/JPSS Data Product Collection Short Names, for Geolocation Mappings

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APPENDIX H: S-NPP AND APPLICABLE JPSS DATA PRODUCT SCALING

Table H-1, SDR/TDR Scaling, and Table H-2, EDR/IP Scaling, indicate which data products are scaled. It is important to note the following caveats with respect to the scaling of the data products:

- Geolocation data is not scaled
- Quality Flags are not scaled
- Scale Factors are not scaled
- Scaling does not imply that the entire product is scaled – for the specific data sets that are scaled, see the applicable JPSS Algorithm Specification Vol. II Data Dictionary, 474-00448-02-XX.

The scaling function used to produce the scaled values is:

$$\text{Scaled Value} = ((\text{Unscaled Value} - \text{Offset}) / \text{Scale}) + 0.5$$

where the 0.5 value is used to account for the truncation from a floating point value to an integer – provides rounding of the results.

The unscaling function that should be employed is:

$$\text{Unscaled Value} = (\text{Scaled Value} * \text{Scale}) + \text{Offset}$$

where the scale and offset values are provided as a dataset in the HDF5 file of those products that use scaling.

The values provided are the minimum and maximum reporting ranges used to compute the scale and offsets. The scale value is calculated based on the following formula:

$$\text{Scale} = \text{Range} / (2^n - 9)$$

where the Range is defined by (Range Maximum - Range Minimum), n represents the number of bits being that the value is going to be scaled to (generally a 16-bit integer, see the data format definition for a given product for the data type), and 9 is one more than the maximum number of possible fill values.

The Offset value is determined based on the Range Minimum:

$$\text{Offset} = \text{Minimum Reportable Range}$$

Table H-1. SDR/TDR Scaling

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
VIIRS I1 SDR	X		Reflectance
			Radiances
VIIRS I2 SDR	X		Reflectance
			Radiances
VIIRS I3 SDR	X		Reflectance
			Radiances
VIIRS I4 SDR	X		Brightness Temperatures
			Radiances
VIIRS I5 SDR	X		Brightness Temperatures
			Radiances
VIIRS M1 SDR	X		Reflectance
			Radiances
VIIRS M2 SDR	X		Reflectance
			Radiances
VIIRS M3 SDR	X		Reflectance
			Radiances are not scaled
VIIRS M4 SDR	X		Reflectance
			Radiances are not scaled
VIIRS M5 SDR	X		Reflectance

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
			Radiances are not scaled
VIIRS M6 SDR	X		Reflectance
			Radiances
VIIRS M7 SDR	X		Reflectance
			Radiances are not scaled
VIIRS M8 SDR	X		Reflectance
			Radiances
VIIRS M9 SDR	X		Reflectance
			Radiances
VIIRS M10 SDR	X		Reflectance
			Radiances
VIIRS M11 SDR	X		Reflectance
			Radiances
VIIRS M12 SDR	X		Brightness Temperature
			Radiances
VIIRS M13 SDR		X	
VIIRS M14 SDR	X		Brightness Temperature
			Radiances
VIIRS M15 SDR	X		Brightness Temperature
			Radiances

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
VIIRS M16 SDR	X		Brightness Temperature
			Radiances
VIIRS DNB SDR		X	
ATMS SDR	X		
ATMS TDR	X		
CrIS FS SDR		X	
OMPS Nadir Profile SDR		X	
OMPS Total Column SDR		X	

Table H-2. EDR/IP Scaling

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
VIIRS I1 Imagery EDR	X		Reflectance
			Radiances
VIIRS I2 Imagery EDR	X		Reflectance
			Radiances
VIIRS I3 Imagery EDR	X		Reflectance
			Radiances
VIIRS I4 Imagery EDR	X		Brightness Temperatures
			Radiances
VIIRS I5 Imagery EDR	X		Brightness Temperatures

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
			Radiances
VIIRS M1 Imagery EDR	X		Reflectance
			Radiances
VIIRS M2 Imagery EDR	X		Reflectance
			Radiances
VIIRS M3 Imagery EDR	X		Reflectance
			Radiances
VIIRS M4 Imagery EDR	X		Reflectance
			Radiances
VIIRS M5 Imagery EDR	X		Reflectance
			Radiances
VIIRS M6 Imagery EDR	X		Reflectance
			Radiances
VIIRS M7 Imagery EDR	X		Reflectance
			Radiances
VIIRS M8 Imagery EDR	X		Reflectance
			Radiances
VIIRS M9 Imagery EDR	X		Reflectance
			Radiances
VIIRS M10 Imagery EDR	X		Reflectance
			Radiances
VIIRS M11 Imagery EDR	X		Reflectance
			Radiances

S-NPP/JPSS Data Products	Scaled	Not Scaled	Comments
VIIRS M12 Imagery EDR	X		Brightness Temperature
			Radiances
VIIRS M13 Imagery EDR		X	Brightness Temperature
			Radiances
VIIRS M14 Imagery EDR	X		Brightness Temperature
			Radiances
VIIRS M15 Imagery EDR	X		Brightness Temperature
			Radiances
VIIRS M16 Imagery EDR	X		Brightness Temperature
			Radiances
VIIRS Near Constant Contrast (NCC) Imagery EDR	X		

APPENDIX I: HDF5 DATA TYPES CROSSWALK

Table I-1. HDF5 Data Types Crosswalk

Non-Language Specific Type	HDF5 Type	C type	C++ Type	Java Type
16-bit Integer	H5T_NATIVE_SHORT	short	short	short
Unsigned 16-bit Integer	H5T_NATIVE_USHORT	unsigned short	unsigned short	char
32-bit Integer	H5T_NATIVE_INT	int	int	int
Unsigned 32-bit Integer	H5T_NATIVE_UINT	unsigned int	Unsigned int	N/A
64-bit Integer	H5T_NATIVE_LLONG	long long	long long	N/A
Unsigned 64-bit Integer	H5T_NATIVE_ULLONG	unsigned long long	unsigned long long	N/A
32-bit Floating Point Number	H5T_NATIVE_FLOAT	float	float	float
64-bit Floating Point Number	H5T_NATIVE_DOUBLE	double	double	double
signed 8-bit Character*	H5T_NATIVE_SCHAR	signed char	signed char	byte
Unsigned 8-bit Character*	H5T_NATIVE_UCHAR	unsigned char	unsigned char	N/A
String	H5T_C_S1	N/A	N/A	String

*Note regarding uchar/char data types: 8-bit or less signed/unsigned data types are designated as character data types in the CDFCB-X since HDF5 does not have a NATIVE data type for an 8-bit or less field. It is left to data users to properly cast the H5T_NATIVE_SCHAR/H5T_NATIVE_UCHAR field into the data type needed (Int8/UInt8) from the HDF5 API read command.

APPENDIX J: COMPRESSION RATIOS FOR S-NPP AND JPSS

These File Sizes, Compressed Sizes, and Ratios are estimates based upon data known at JPSS CGS CDR.

Table J-1. Total Compression Ratio

TOTAL	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)
IP, SDR, EDR, TDR, & GEO	291160	128771	56%	2.26
AUX	181.7	173.4	4%	1.04
RDR	7455	N/A	N/A	N/A
Total	302079	129151	57%	2.34

Table J-2. Compression Ratio by Product Type

PRODUCT TYPE	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)
AUX	181.7	173.4	4%	1.04
EDR	28541	15577	56%	1.83
GEO	90503	26309	70%	3.44
IP	11457	6673	41%	1.71
RDR	7455	N/A	N/A	N/A
SDR	31709	18166	43%	1.75
TDR	30	29	6%	1.06

Table J-3. Compression Ratio by Sensor and Product Type Combination

SENSOR/SPACECRAFT	PRODUCT TYPE	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)
ATMS	GEO	30.47	27.17	11%	1.12
ATMS	RDR	41.49	N/A	N/A	N/A
ATMS	SDR	32.82	31.00	6%	1.06
ATMS	TDR	30.27	28.57	6%	1.06
CrIS	AUX	181.7	173.4	4%	1.04
CrIS	GEO	21.16	19.56	8%	1.08
CrIS	RDR	1656.44	N/A	N/A	N/A
CrIS	SDR	5476	3022	44%	1.81
OMPS	GEO	24.28	16.17	33%	1.50
OMPS	SDR	212.32	33.31	84%	6.37
SC	AUX	0.02	0.02	-20%	0.83
VIIRS	AUX	1.14	0.38	67%	3.03
VIIRS	EDR	28541	15577	56%	1.83
VIIRS	GEO	132661.12	85612.13	35%	1.55
VIIRS	IP	11457	6673	41%	1.71
VIIRS	RDR	5756.81	N/A	N/A	N/A
VIIRS	SDR	28069.66	15494.82	45%	1.81

Table J-4. Specific Products Compression Ratio

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
ATMS-SCIENCE-RDR	RATMS	41.26	N/A	N/A	N/A	1	41.26	N/A

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
ATMS-SDR	SATMS	32.82	31.00	6%	1.06	1	32.82	31.00
ATMS-SDR-CC	ATMS-SDR-CC	1.63	0.06	96%	27.61	1	1.63	0.06
ATMS-SDR-DQTT	ATMS-SDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
ATMS-SDR-GEO	GATMO	30.47	27.17	11%	1.12	1	30.47	27.17
ATMS-TDR	TATMS	30.27	28.57	6%	1.06	1	30.27	28.57
ATMS-TDR-DQTT	ATMS-TDR-DQTT	0.01	0.01	12%	1.13	1	0.01	0.01
CrIS-FS-Correct-Matrix-AUX	CrIS-FS-Correct-Matrix-AUX	181.7	173.4	4%	1.04	1	181.7	173.4
CRIS-SCIENCE-RDR	RCRIS	1650.39	N/A	N/A	N/A	1	1650.39	N/A
CrIS-FS-SDR	SCRIF	5476	3022	44%	1.81	1	5476	3022
CrIS-SDR-GEO	GCRSO	21.16	19.56	8%	1.08	1	21.16	19.56
OMPS-NP-GEO	GONPO	7.44	7.61	-2%	0.98	1	7.44	7.61
OMPS-NP-SDR	SOMPS	10.99	7.48	32%	1.47	1	10.99	7.48
OMPS-NP-SDR-CC	OMPS-NP-SDR-CC	0.02	0.01	52%	2.08	1	0.02	0.01
OMPS-TC-GEO	GOTCO	16.84	8.55	49%	1.97	1	16.84	8.55
OMPS-TC-SDR	SOMTC	201.33	25.84	87%	7.79	1	201.33	25.84
OMPS-TC-SDR-CC	OMPS-TC-SDR-CC	0.03	0.01	57%	2.33	1	0.03	0.01
OMPS-NPSCIENCE-RDR	RONPS	13.73	N/A	N/A	N/A	1	13.73	N/A
OMPS-TCSCIENCE-RDR	ROTCS	27.50	N/A	N/A	N/A	1	27.50	N/A
TLE-AUX	TLE-AUX	0.02	0.02	-20%	0.83	1	0.02	0.02
VIIRS-Bright-	IVBPX	1653.37	360.22	78%	4.59	1	1653.37	360.22

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
Pixel-Mod-IP								
VIIRS-DNB-GEO	GDNBO	9604.86	6961.38	28%	1.38	1	9604.86	6961.38
VIIRS-DNB-SDR	SVDNB	1174.93	828.14	30%	1.42	1	1174.93	828.14
VIIRS-DualGain- Cal-IP	IVCDB	9264.33	4680.38	49%	1.98	1	9264.33	4680.38
VIIRS-I1-IMG- EDR	VI1BO	2669.33	1291.46	52%	2.07	1	2669.33	1291.46
VIIRS-I1-IMG- EDR-DQTT	VIIRS-I1-IMG- EDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
VIIRS-I1-SDR	SVI01	2068.73	1170.08	43%	1.77	1	2068.73	1170.08
VIIRS-I1-SDR- DQTT	VIIRS-I1-SDR- DQTT	0.01	0.01	9%	1.10	1	0.01	0.01
VIIRS-I2-IMG- EDR	VI2BO	2669.33	1342.64	50%	1.99	1	2669.33	1342.64
VIIRS-I2-IMG- EDR-DQTT	VIIRS-I2-IMG- EDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
VIIRS-I2-SDR	SVI02	2068.73	1209.84	42%	1.71	1	2068.73	1209.84
VIIRS-I2-SDR- DQTT	VIIRS-I2-SDR- DQTT	0.01	0.01	9%	1.10	1	0.01	0.01
VIIRS-I3-IMG- EDR	VI3BO	2669.33	1328.49	50%	2.01	1	2669.33	1328.49
VIIRS-I3-IMG- EDR-DQTT	VIIRS-I3-IMG- EDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
VIIRS-I3-SDR	SVI03	2068.73	1192.01	42%	1.74	1	2068.73	1192.01
VIIRS-I3-SDR- DQTT	VIIRS-I3-SDR- DQTT	0.01	0.01	9%	1.10	1	0.01	0.01
VIIRS-I4-IMG- EDR	VI4BO	4765.20	2239.34	53%	2.13	1	4765.20	2239.34
VIIRS-I4-IMG- EDR-DQTT	VIIRS-I4-IMG- EDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
VIIRS-I4-SDR	SVI04	3691.98	1936.70	48%	1.91	1	3691.98	1936.70

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
VIIRS-I4-SDR-DQTT	VIIRS-I4-SDR-DQTT	0.01	0.01	9%	1.10	1	0.01	0.01
VIIRS-I5-IMG-EDR	VI5BO	4765.20	2326.04	51%	2.05	1	4765.20	2326.04
VIIRS-I5-IMG-EDR-DQTT	VIIRS-I5-IMG-EDR-DQTT	0.01	0.01	11%	1.13	1	0.01	0.01
VIIRS-I5-SDR	SVI05	3691.98	2139.51	42%	1.73	1	3691.98	2139.51
VIIRS-I5-SDR-DQTT	VIIRS-I5-SDR-DQTT	0.01	0.01	9%	1.10	1	0.01	0.01
VIIRS-IMG-GEO	GIMGO	24336.74	16790.27	31%	1.45	1	24336.74	16790.27
VIIRS-IMG-GEO-TC	GITCO	24336.74	17800.33	27%	1.37	1	24336.74	17800.33
VIIRS-IMG-GTM-EDR-GEO	GIGTO	33341.78	17719.09	47%	1.88	1	33341.78	17719.09
VIIRS-M10-SDR	SVM10	927.12	312.39	66%	2.97	1	927.12	312.39
VIIRS-M11-SDR	SVM11	520.41	283.56	46%	1.84	1	520.41	283.56
VIIRS-M12-SDR	SVM12	927.12	458.02	51%	2.02	1	927.12	458.02
VIIRS-M13-SDR	SVM13	1664.04	894.07	46%	1.86	1	1664.04	894.07
VIIRS-M14-SDR	SVM14	927.12	540.85	42%	1.71	1	927.12	540.85
VIIRS-M15-SDR	SVM15	927.12	530.35	43%	1.75	1	927.12	530.35
VIIRS-M16-SDR	SVM16	927.12	524.60	43%	1.77	1	927.12	524.60
VIIRS-M1-SDR	SVM01	520.41	313.25	40%	1.66	1	520.41	313.25
VIIRS-M1-MOD-EDR	VM01O	546.92	365.08	33%	0.33	1	546.92	365.08
VIIRS-M2-MOD-EDR	VM02O	546.92	367.61	32%	0.32	1	546.92	367.61
VIIRS-M2-SDR	SVM02	520.41	314.89	39%	1.65	1	520.41	314.89
VIIRS-M3-MOD-EDR	VM03O	546.92	371.86	32%	0.32	1	546.92	371.86
VIIRS-M3-SDR	SVM03	726.74	462.65	36%	1.57	1	726.74	462.65

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
VIIRS-M4-SDR	SVM04	726.74	463.59	36%	1.57	1	726.74	463.59
VIIRS-M4-MOD-EDR	VM04O	546.92	371.44	32%	0.32	1	546.92	371.44
VIIRS-M5-SDR	SVM05	726.74	467.91	36%	1.55	1	726.74	467.91
VIIRS-M5-MOD-EDR	VM05O	546.92	374.83	31%	0.31	1	546.92	374.83
VIIRS-M6-SDR	SVM06	520.41	290.53	44%	1.79	1	520.41	290.53
VIIRS-M6-MOD-EDR	VM06O	546.92	302.57	44%	0.44	1	546.92	302.57
VIIRS-M7-SDR	SVM07	1295.58	653.18	50%	1.98	1	1295.58	653.18
VIIRS-M8-SDR	SVM08	927.12	320.79	65%	2.89	1	927.12	320.79
VIIRS-M9-SDR	SVM09	520.41	187.92	64%	2.77	1	520.41	187.92
VIIRS-M7-MOD-EDR	VM07O	948.01	659.63	30%	0.30	1	948.01	659.63
VIIRS-M8-MOD-EDR	VM08O	948.01	651.43	31%,	0.31	1	948.01	651.43
VIIRS-M9-MOD-EDR	VM09O	546.92	194.22	64%	0.64	1	546.92	194.22
VIIRS-M10-MOD-EDR	VM10O	948.01	635.80	32%	0.32	1	948.01	635.80
VIIRS-M11-MOD-EDR	VM11O	948.01	599.00	36%	0.36	1	948.01	599.00
VIIRS-M12-MOD-EDR	VM12O	948.00	567.82	40%	0.40	1	948.00	567.82
VIIRS-M13-MOD-EDR	VM13O	1893.03	946.11	50%	0.50	1	1893.03	946.11
VIIRS-M14-MOD-EDR	VM14O	948.00	495.04	47%	0.47	1	948.00	495.04
VIIRS-M15-MOD-EDR	VM15O	948.00	488.63	48%	0.48	1	948.00	488.63
VIIRS-M16-MOD-EDR	VM16O	948.00	481.66	49%	0.49	1	948.00	481.66

COLLECTION SHORT NAME	PRODUCT ID	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)	Subscribed? (0=no, 1=yes)	Subscribed Uncompressed MB per Orbit	Subscribed Compressed MB per Orbit
VIIRS-MOD- GEO	GMOD0	6089.06	4317.25	29%	1.41	1	6089.06	4317.25
VIIRS-MOD- GEO-TC	GMTCO	6089.06	4568.07	25%	1.33	1	6089.06	4568.07
VIIRS-MOD- GTM-EDR-GEO	GMGTO	8277.49	2258.73 3	72%	0.72	1	8277.49	2258.7
VIIRS-MOD- UNAGG-GEO	ICDBG	9556.45	6516.38	32%	1.47	1	9556.45	6516.38
VIIRS-NCC-EDR	VNCCO	717.41	240.14	67%	2.99	1	717.41	240.14
VIIRS-NCC- EDR-GEO	GNCCO	10729.08	6781.19	37%	1.58	1	10729.08	6781.19
VIIRS-OBC-IP	IVOBC	1381.96	385.39	72%	3.59	1	1381.96	385.39
VIIRS-SCIENCE- RDR	RVIRS	5755.01	N/A	N/A	N/A	1	5755.01	N/A

Table J-5. Total Compression Ratio by Sensor

SENSOR/SPACECRAFT	Uncompressed MB per Orbit	Compressed MB per Orbit	% Reduction from Compression	Compression Ratio (:1)
OMPS	788	320	60%	2.46
VIIRS	54302	29613	45%	1.83
CrIS	5677	3213	43%	1.76
ATMS	137	87	37%	1.57
SC	0.02	0.02	-20%	0.83

APPENDIX K: DQN SHORT NAMES

Table K-1. DQN Short Names

Collection Short Name	Full Name	Vehicle(s)
ATMS-SDR-DQN	ATMS SDR, Channels 1 through 15 DQN	S-NPP/JPSS
ATMS-TDR-DQN	ATMS Temperature Data Record, Channels 1 through 15 DQN	S-NPP/JPSS
CrIS-FS-SDR-DQN	CrIS Full Spectral SDR, LWIR, MWIR, and SWIR bands DQN	S-NPP/JPSS
VIIRS-DNB-SDR-DQN	VIIRS Day Night Band SDR DQN	S-NPP/JPSS
VIIRS-I1-IMG-EDR-DQN	VIIRS Imagery Band 01 Image EDR DQN	S-NPP/JPSS
VIIRS-I1-SDR-DQN	VIIRS Imagery Band 01 SDR DQN	S-NPP/JPSS
VIIRS-I2-IMG-EDR-DQN	VIIRS Imagery Band 02 Image EDR DQN	S-NPP/JPSS
VIIRS-I2-SDR-DQN	VIIRS Imagery Band 02 SDR DQN	S-NPP/JPSS
VIIRS-I3-IMG-EDR-DQN	VIIRS Imagery Band 03 Image EDR DQN	S-NPP/JPSS
VIIRS-I3-SDR-DQN	VIIRS Imagery Band 03 SDR DQN	S-NPP/JPSS
VIIRS-I4-IMG-EDR-DQN	VIIRS Imagery Band 04 Image EDR DQN	S-NPP/JPSS
VIIRS-I4-SDR-DQN	VIIRS Imagery Band 04 SDR DQN	S-NPP/JPSS
VIIRS-I5-IMG-EDR-DQN	VIIRS Imagery Band 05 Image EDR DQN	S-NPP/JPSS
VIIRS-I5-SDR-DQN	VIIRS Imagery Band 05 SDR DQN	S-NPP/JPSS
VIIRS-M1-SDR-DQN	VIIRS Moderate Band 01 SDR DQN	S-NPP/JPSS
VIIRS-M2-SDR-DQN	VIIRS Moderate Band 02 SDR DQN	S-NPP/JPSS
VIIRS-M3-SDR-DQN	VIIRS Moderate Band 03 SDR DQN	S-NPP/JPSS
VIIRS-M4-SDR-DQN	VIIRS Moderate Band 04 SDR DQN	S-NPP/JPSS
VIIRS-M5-SDR-DQN	VIIRS Moderate Band 05 SDR DQN	S-NPP/JPSS
VIIRS-M6-SDR-DQN	VIIRS Moderate Band 06 SDR DQN	S-NPP/JPSS

Collection Short Name	Full Name	Vehicle(s)
VIIRS-M7-SDR-DQN	VIIRS Moderate Band 07 SDR DQN	S-NPP/JPSS
VIIRS-M8-SDR-DQN	VIIRS Moderate Band 08 SDR DQN	S-NPP/JPSS
VIIRS-M9-SDR-DQN	VIIRS Moderate Band 09 SDR DQN	S-NPP/JPSS
VIIRS-M10-SDR-DQN	VIIRS Moderate Band 10 SDR DQN	S-NPP/JPSS
VIIRS-M11-SDR-DQN	VIIRS Moderate Band 11 SDR DQN	S-NPP/JPSS
VIIRS-M12-SDR-DQN	VIIRS Moderate Band 12 SDR DQN	S-NPP/JPSS
VIIRS-M13-SDR-DQN	VIIRS Moderate Band 13 SDR DQN	S-NPP/JPSS
VIIRS-M14-SDR-DQN	VIIRS Moderate Band 14 SDR DQN	S-NPP/JPSS
VIIRS-M15-SDR-DQN	VIIRS Moderate Band 15 SDR DQN	S-NPP/JPSS
VIIRS-M16-SDR-DQN	VIIRS Moderate Band 16 SDR DQN	S-NPP/JPSS
VIIRS-NCC-EDR-DQN	VIIRS Near Constant Contrast Imagery EDR DQN	S-NPP/JPSS

APPENDIX L: Container Product and Functions

Table L-1. Product and Functions

Product	Function
dds	format-service
dds	format-worker
dms	record-service
inf	data-registry-reprocessor
inf	data-registry-service
inf	data-registry-worker
inf	event-notifier
inf	status-archiver
inf	status-file-service
inf	tasking-service
pro	sdr-atms
pro	sdr-cris
pro	sdr-omps-np
pro	sdr-omps-tc
pro	edr-viirs-iband
pro	edr-viirs-mband
pro	edr-viirs-ncc
pro	sdr-viirs-bp
pro	sdr-viirs-cal
pro	sdr-viirs-geo
pro	sdr-viirs-geo-ext

Product	Function
pro	sdr-viirs-rsb-autocal
clg	server
mm	server