

Table IRD

RD_id	IRD object key	IRD source interface	IRD destination interface	IRD text
FRMM2010	—780	TRMM	ECS	The ECS systems at the MSFC DAAC shall ingest LIS data from SDPF.
FRMM2030	—819	TRMM	ECS	The SDPF Level 0 and quick look data sets for LIS shall contain quality and accounting information.
FRMM2040	—536	TRMM	ECS	The SDPF Level 0 and quick look data sets for LIS shall contain a detached SFDU header.
FRMM2050	—781	TRMM	ECS	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of LIS Level 0 production or quick look data.
FRMM2060	—782	TRMM	ECS	The ECS systems at the MSFC DAAC shall, after notification by SDPF, retrieve LIS Level 0 production and quick look data by an agreed upon file transfer protocol.
FRMM2070	—783	ECS	TRMM	The ECS systems at the MSFC DAAC shall ensure that LIS data has been received and validated.
FRMM2080	—784	ECS	TRMM	The ECS systems at the MSFC DAAC shall acknowledge successful receipt of a LIS data set to the SDPF.
FRMM2090	—785	ECS	TRMM	Upon the ECS operations at the MSFC DAAC discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need for regeneration.
FRMM2100	—786	TRMM	ECS	SDPF shall regenerate/reprocess LIS Level 0 data for the ECS systems at the MSFC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.
FRMM2110	—787	TRMM	ECS	SDPF shall provide a LIS Level 0 data set to the ECS systems at the MSFC DAAC once per day within 24 hours of the last acquisition.

FRMM2120	—820	SDPF	ECS	SDPF shall retain retrieved LIS Level 0 data sets for five (5) days.
FRMM2130	—788	TRMM	ECS	The ECS systems at the MSFC DAAC shall receive LIS scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.
FRMM2140	—821	TRMM	ECS	A LIS quick-look data set shall contain data received during a single spacecraft contact.
FRMM2150	—789	TRMM	ECS	SDPF shall notify the ECS systems at the MSFC DAAC of availability of a LIS quick-look data set within 2 hours of the end of the acquisition session.
FRMM2160	—824	ECS	TRMM	LIS special quick-look data collection and processing shall be scheduled with SDPF by human interaction.
FRMM2170	—549	TRMM	ECS	ECS shall be able to process LIS Level 0 and quick-look data sets in SDPF defined formats.
FRMM2180	—822	TRMM	ECS	SDPF shall retain LIS data for 2 years.
FRMM2185	—887			SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of predictive or definitive orbit data.
FRMM2190	—791	TRMM	ECS	The ECS systems at the MSFC DAAC shall ingest predicted orbit data from the SDPF.
FRMM2200	—792	TRMM	ECS	ECS systems at the MSFC DAAC shall ingest definitive orbit data from the SDPF.
FRMM2270	—559	TRMM	ECS	ECS shall be able to accept LIS simulated data from SDPF.
FRMM3100	—570	ECS	TRMM	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM PR, TMI, GV, and SSM/I ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS also shall daily ingest an average of 2-days worth of reprocessed data from TSDIS.
FRMM3110	—801	TRMM	ECS	TRMM shall make a standing order to ECS for SSM/I data to be delivered from the ECS systems at the MSFC DAAC to TSDIS.
FRMM3120	—802	ECS	TRMM	Communications between TSDIS and the ECS systems at the MSFC DAAC

				to transport the PR, TMI, and GV standard products, metadata, SSM/I ancillary data, algorithms, and documentation shall be provided by ESDIS.
TRMM3130	803	ECS	TRMM	All data transferred between TSDIS and the ECS systems at the MSFC DAAC, including GV, shall follow ESDIS-defined standards with specific product formats to be jointly agreed to and documented in ICDs.
TRMM4090	811	ECS	TRMM	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS, GOES Precipitation Index (GPI), Global Precipitation Climatology Project (GPCP), and National Meteorological Center (NMC) ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS shall also daily ingest an average of 2-days worth of reprocessed data from TSDIS.
TRMM4100	812	TRMM	ECS	TSDIS shall make a standing order to ECS for GPI, GPCP, and NMC ancillary data to be delivered from the ECS systems at the GSFC DAAC to TSDIS.
TRMM4110	813	ECS	TRMM	Communications between TSDIS and the ECS systems at the GSFC DAAC to transport the VIRS standard products, metadata, GPI, GPCP, and NMC ancillary data, and algorithms and documentation shall be provided by ESDIS.
TRMM8100	909			ECS shall process CERES and LIS Level 0 and quick-look data sets received from SDPF for early interface testing.
TRMM8120	915			ESDIS shall coordinate provision of LIS and CERES simulated instrument data and instrument data parameters to SDPF in support of integration and test.