

Reference Table for Reviewers

paragraph_id	req_key	text	L3_id	req_key	title	text
EOC-3160#A	7548	The EOC shall generate operational reports.	EOC-3160	192	Generate operational reports	The EOC shall generate operational reports including, at a minimum, the following: a. SCC-stored command load report b. Integrated report having orbital events, command execution times, and TDRS contacts with candidate loads.
EOC-3238#A	6326	Within 1 minute of detecting a predefined emergency/contingency situation, the EOC shall prepare spacecraft and instrument commands for transmission to EDOS.	EOC-3238	1322		Within 1 minute of detecting a predefined emergency/contingency situation, the EOC shall prepare spacecraft and instrument commands for transmission to EDOS.
EOC-6110#A	6325	The EOC shall provide the capability to monitor and evaluate the spacecraft functions, resources, and performance including, at a minimum, the following: a. Stored command processing.	EOC-6110	247	Monitor/Eval functions, resources..	The EOC shall provide the capability to monitor and evaluate the spacecraft functions, resources, and performance, including at a minimum the following: a. Stored command processing b. Spacecraft recorders c. Safe mode processes d. Electrical power subsystem e. Propulsion subsystem
EOC-8140#A	7266	The EOC shall manage initialization and shutdown of EOC functions.	EOC-8140	279	Manage initialization & shutdown	The EOC shall manage initialization and shutdown of EOC functions.
ICC-0030#A	6334	The ICC shall have the capability to notify the TL or instrument PI at the IST of, at a minimum, the following: a. Conflicts found in planning and scheduling.	ICC-0030	1525	Notify TL or instrument PI	The ICC shall have the capability to notify the TL or instrument PI at the IST of, at a minimum, the following: a. Conflicts found in planning and scheduling b. Arrival of instrument engineering data c. Instrument anomalies found during instrument monitoring
ICC-2300#A	6337	The ICC shall accept from the EOC a notification of rejection of instrument activities.	ICC-2300	359	Accept reject notification from EOC	The ICC shall accept from the EOC a notification of rejection of instrument activities.
ICC-3010#A	6341	The ICC shall validate SCC-stored instrument tables, as appropriate, that are generated at the ICC.	ICC-3010	369	Validate inst. load,cmds,tbls @ ICC	The ICC shall validate instrument loads, SCC-stored instrument commands, and/or SCC-stored instrument tables, as appropriate, that are generated at the ICC.
ICC-6070#A	7301	The ICC shall manage initialization and shutdown of ICC functions.	ICC-6070	463	Manage ICC init and shutdown	The ICC shall manage initialization and shutdown of ICC functions.

paragraph_id	req_key	text	L3_id	req_key	title	text
SMC-0320#A	7431	The SMC shall be capable of scheduling ground activities to a minimum of one minute resolution.	SMC-0320	1179	Ground activity scheduling	The SMC shall be capable of scheduling ground activities to a minimum of one minute resolution.

Reference Table (continues)

paragraph_id	req_key	text	IRD_id	req_key	source interface	destination interface	text
TRMM1160#A	7433	CERES special quick-look data collection and processing shall be scheduled with SDPF by human interaction.	TRMM1160	823	ECS	TRMM	CERES special quick-look data collection and processing shall be scheduled with SDPF by human interaction.
TRMM4040#A	7466	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS, PR, TMI, and combined products.	TRMM4040	806	TRMM	ECS	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.
TRMM4050#A	7451	The VIRS, PR, TMI, combined products and GV data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.	TRMM4050	807	TRMM	ECS	The VIRS data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.
TRMM4060#A	7452	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	TRMM4060	808	TRMM	ECS	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.
TRMM4070#A	7219	TSDIS shall provide a schedule for reprocessing to the GSFC DAAC.	TRMM4070	809	TRMM	ECS	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the GSFC DAAC.
TRMM4080#A	7987	TSDIS shall provide status information to the ECS systems at the GSFC DAAC about delayed products.	TRMM4080	810	TRMM	ECS	TSDIS shall electronically provide status information to the ECS systems at the GSFC DAAC about delayed products.
TRMM4090#A	7453	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS, PR, TMI, and GV, and 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.	TRMM4090	1056	ECS	TRMM	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS, Global Precipitation Climatology Project (GPCP), and 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#A	7890	TSDIS shall make a standing order to ECS for ancillary data to be delivered from the ECS systems at the GSFC	TRMM4100	1057	TRMM	ECS	TSDIS shall make a standing order to ECS for ancillary data to be delivered from the ECS systems at the GSFC DAAC to TSDIS.

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		DAAC to TSDIS.					
TRMM4110#A	7226	Communications between TSDIS and the ECS systems at the GSFC DAAC to transport the VIRS, PR, TMI, combined products and GV standard products, metadata, ancillary data, and algorithms and documentation shall be provided by ESDIS.	TRMM4110	1058	ECS	TRMM	Communications between TSDIS and the ECS systems at the GSFC DAAC to transport the VIRS standard products, metadata, ancillary data, and algorithms and documentation shall be provided by ESDIS.
TRMM4130#A	7988	All data transferred between TSDIS and ECS systems at the GSFC DAAC, including GV shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.	TRMM4130	814	ECS	TRMM	All data transferred between TSDIS and ECS systems at the GSFC DAAC shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.
TRMM5010#A	7467	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.	TRMM5010	589	TRMM	ECS	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.
TRMM5030#A	7468	ECS shall have the capability to ingest directory and guide information from TSDIS.	TRMM5030	591	TRMM	ECS	ECS shall have the capability to ingest directory and guide information from TSDIS.
TRMM5040#A	7455	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR, TMI, and combined products data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.	TRMM5040	592	ECS	TRMM	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR and TMI data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.
TRMM5050#A	7232	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.	TRMM5050	593	TRMM	ECS	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.
TRMM5060#A	7234	ECS shall provide standard information	TRMM5060	594	ECS	TRMM	ECS shall provide standard information management functions for browse,

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		management functions for browse, and order of data and products provided by TSDIS and delivered to the GSFC DAAC (including VIRS, PR, TMI, and combined products data, metadata, GV data, TRMM Science Team algorithms and documentation).					and order of data and products provided by TSDIS and delivered to the MSFC and GSFC DAACs (including VIRS, PR and TMI data, metadata, GV data, TRMM Science Team algorithms and documentation).
TRMM5070#A	7469	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.	TRMM5070	595	ECS	TRMM	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.
TRMM5100#A	7456	ECS shall provide products status for TRMM products to users based upon ECS holdings.	TRMM5100	598	ECS	TRMM	ECS shall provide products status for TRMM products to users based upon ECS holdings. Status also shall be based on the TRMM schedule provided electronically by TSDIS and an interactive status mechanism for late products.
TRMM8010#A	7470	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.	TRMM8010	1079	TRMM/ ECS	ECS/TRMM	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.
TRMM8020#A	7244	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.	TRMM8020	1072	ECS	TRMM	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.
TRMM8030#A	7245	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.	TRMM8030	1073	TRMM	ECS	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.
TRMM8031#A	7247	ESDIS shall develop test plans and procedures in support of the development, verification, and testing of the interfaces with the TRMM ground system.	TRMM8031	1074	ECS	TRMM	ESDIS shall develop test plans and procedures in support of the development, verification and testing of the interfaces with the TRMM ground system.

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TRMM8040#A	7248	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification, and testing of the interfaces between the TRMM ground system and ECS.	TRMM8040	1075	ECS	TRMM	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification and testing of the interfaces between with the TRMM ground system and ECS.
TRMM8050#A	7252	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.	TRMM8050	1076	TRMM	ECS	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.

Link Table. 1 : This table will generate the link between Orphan RbRs and their L3 F&PRS parents as identified in the 091696 baseline version of the RTM database

<u>L3_id</u>	<u>paragraph_id</u>
<u>EOC-3160</u>	<u>EOC-3160#A</u>
<u>EOC-3238</u>	<u>EOC-3238#A</u>
<u>EOC-6110</u>	<u>EOC-6110#A</u>
<u>EOC-8140</u>	<u>EOC-8140#A</u>
<u>ICC-0030</u>	<u>ICC-0030#A</u>
<u>ICC-2300</u>	<u>ICC-2300#A</u>
<u>ICC-3010</u>	<u>ICC-3010#A</u>
<u>ICC-6070</u>	<u>ICC-6070#A</u>
<u>SMC-0320</u>	<u>SMC-0320#A</u>

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IRD_id	paragraph_id
<u>TRMM1160</u>	<u>TRMM1160#A</u>
<u>TRMM4040</u>	<u>TRMM4040#A</u>
<u>TRMM4050</u>	<u>TRMM4050#A</u>
<u>TRMM4060</u>	<u>TRMM4060#A</u>
<u>TRMM4070</u>	<u>TRMM4070#A</u>
<u>TRMM4080</u>	<u>TRMM4080#A</u>
<u>TRMM4090</u>	<u>TRMM4090#A</u>
<u>TRMM4100</u>	<u>TRMM4100#A</u>
<u>TRMM4110</u>	<u>TRMM4110#A</u>
<u>TRMM4130</u>	<u>TRMM4130#A</u>
<u>TRMM5010</u>	<u>TRMM5010#A</u>
<u>TRMM5030</u>	<u>TRMM5030#A</u>
<u>TRMM5040</u>	<u>TRMM5040#A</u>
<u>TRMM5050</u>	<u>TRMM5050#A</u>
<u>TRMM5060</u>	<u>TRMM5060#A</u>
<u>TRMM5070</u>	<u>TRMM5070#A</u>
<u>TRMM5100</u>	<u>TRMM5100#A</u>
<u>TRMM8010</u>	<u>TRMM8010#A</u>
<u>TRMM8020</u>	<u>TRMM8020#A</u>
<u>TRMM8030</u>	<u>TRMM8030#A</u>
<u>TRMM8031</u>	<u>TRMM8031#A</u>
<u>TRMM8040</u>	<u>TRMM8040#A</u>
<u>TRMM8050</u>	<u>TRMM8050#A</u>