

**Table 1: This table add missing Verification\_method attributes to existing Release A ISS L4 requirements as identified in the 03/14/97 baseline version of the RTM database.**

L4 -id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
C-ISS-01130	684	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide for connectivity to the LaRC campus network to enable transfer of data between SCF(s) located at LaRC and the LaRC DAAC.
C-ISS-01140	685	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide for connectivity to the GSFC campus network to enable transfer of data between SCF(s) located at GSFC and the GSFC DAAC.
C-ISS-01150	686	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide for connectivity between the Landsat system and the EDC DAAC to support the ingest of Landsat data.
C-ISS-01170	9776	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide for connectivity between the EOC and EBnet for AM-1 interface testing.
C-ISS-01180	9777	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide for connectivity between the EOC and EBnet for AM-1 interface testing of EOC/IST communications.
C-ISS-01190	690	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 services between EOC components (in support of FOS interface testing at Release A).
C-ISS-01200	691	A	functional	approved	<u>inspection</u>	<u>unverified</u>			The topology of the EOC LANs shall not inhibit the reconfiguration of FOS devices to support either operational or support functions.
C-ISS-01210	692	A	functional	approved	<u>inspection</u>	<u>unverified</u>			The ISS shall provide the EOC with a separate network to support functions that will not interfere with the EOC's operational LAN.
C-ISS-01215	693	A	functional	approved	<u>inspection</u>	<u>unverified</u>			The EOC's support LAN architecture shall be identical in function and performance to that of the operational network.
C-ISS-01220	694	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between SDPS components at the GSFC DAAC.
C-ISS-01230	695	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between SDPS components at the LaRC DAAC.
C-ISS-01240	696	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between SDPS components at the EDC DAAC.
C-ISS-01255	945	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between CSMS components at the GSFC DAAC.
C-ISS-01256	5318	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 services between the CSMS components at the EDC DAAC.
C-ISS-01260	946	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between CSMS components at the SMC.
C-ISS-01270	947	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from

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									the physical to the transport layer) services between the SMC and the GSFC DAAC.
C-ISS-01290	949	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between the FOS EOC components and the CSMS-provided LSM within the EOC.
C-ISS-01330	953	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between CSMS components at the LaRC DAAC.
C-ISS-01340	954	A	functional	approved	<u>demo</u>	<u>unverified</u>			The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between CSMS and SDPS components at the LaRC DAAC.
C-ISS-02040	673	A	functional	approved	<u>test</u>	<u>unverified</u>			The ISS shall provide the capability to filter packets based upon network layer source and/or destination addresses.
C-ISS-02510	699	A	functional	approved	<u>test</u>	<u>unverified</u>			The EOC LANs shall be capable of supporting multicasting.
C-ISS-04020	5225	A	RMA	approved	<u>inspection</u>	<u>unverified</u>			Backups of all router configuration files shall be maintained at the local DAAC and the Network Management Facility (NMF).
C-ISS-04040	5332	A	RMA	approved	<u>inspection</u>	<u>unverified</u>			The EOC Operational LAN shall have no single point of failure for critical real-time functions.
C-ISS-04050	5228	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The EOC Operational LAN shall be configured to support the FOS availability of .9998 and a mean down time of < 1 minute for critical real-time data during times of staffed operation.
C-ISS-04055	5229	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The EOC Support LAN shall have an operational availability of at least 0.96 and shall have a mean down time of no greater than 4 hours during times of staffed operation, unless otherwise specified.
C-ISS-04060	5230	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of receiving science data shall contribute to the function's operational availability of 0.999 at a minimum and a mean down time of two (2) hours or less during times of staffed operation.
C-ISS-04070	5231	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of archiving and distributing data shall contribute to the function's operational availability of 0.98 at a minimum and a mean down time of two (2) hours or less during times of staffed operation.
C-ISS-04080	5232	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of User Interfaces to Client, Interoperability, Data Server, and Data Management (IMS) services at Individual DAAC Sites shall contribute to the function's operational availability of 0.993 at a minimum and a mean down time requirement of two (2) hours or less during times of staffed operations.
C-ISS-04090		A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of information

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	5233								searches on the ECS Directory shall contribute to the function's operational availability of 0.993 at a minimum and a mean down time of two (2) hours or less during times of staffed operation.
C-ISS-04110	5235	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of metadata ingest and update shall contribute to the function's operational availability of 0.96 at a minimum and a mean down time of four (4) hours or less during times of staffed operation.
C-ISS-04120	5236	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of information searches on local holdings shall contribute to the function's operational availability of 0.96 at a minimum and a mean down time of four (4) hours or less during times of staffed operation.
C-ISS-04140	5238	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of local data order submission across DAACs shall contribute to the function's operational availability of 0.96 at a minimum and a mean down time of four (4) hours or less during times of staffed operation.
C-ISS-04150	5239	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The portion of the DAAC LAN supporting the SDPS function of Client, Interoperability, Data Management and Data Server (IMS) Data Base Management and Maintenance Interface shall contribute to the function's operational availability of 0.96 at a minimum and a mean down time of four (4) hours or less during times of staffed operation.
C-ISS-04155	5182	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The ISS services at the SMC shall be configured to support the SMC function of Gathering and Disseminating System Management Information's Availability requirement of .998 and a Mean Down Time of < 20 minutes during times of staffed operation.
C-ISS-04160	5183	A	RMA	approved	<u>inspection</u>	<u>unverified</u>			The ISS elements and components shall include the on-line (operational mode) and off-line (test mode) fault detection and isolation capabilities required to achieve the specified operational availability requirements.
C-ISS-04165	5185	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The maximum down time of the ISS-INHCI shall not exceed twice the required MDT in 99 percent of failure occurrences.
C-ISS-04170	5161	A	RMA	approved	<u>analysis</u>	<u>unverified</u>			The EOC Operational LAN shall be configured to support the FOS availability of .99925 and a mean down time of < 5 minutes for non-critical real-time data during times of staffed operation.
C-ISS-06000	667	A	functional	approved	<u>inspection</u>	<u>unverified</u>			The ISS network architecture shall enable expansion to GByte networks including the ability to provide increased volume of data distribution/access.

**Table 2: This table delete existing TRMM related Release IR-1 ISS L4 requirement as identified in the 03/14/97 baseline version of the RTM database.**

**(Note to implementors: For this L4 verification\_method is “test” and Verification\_status is “unverified”)**

L4 -id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
C-ISS-01100	9384	IR1	functional	approval					The ISS shall provide for connectivity with TSDIS in order to transfer TRMM data to the GSFC DAAC.