

Table 2. Reference table showing RelB linkage of RbR to L4 - RTM baseline 03-14-97

RBR_id	req_key	Req_Category	segment	req_type	text	interpretation text	clarification	L4 id	req_key	rel	req_type	clarification	text
EOSD0730#B	9156	mission critical	FOS SDPS CSMS	functional	Each ECS element shall be capable of verifying the fidelity of the ECS element interface to: a. Other ECS elements at any time during the lifetime of the ECS b. Entities external to ECS at any time during the lifetime of the ECS			F-FOS-00130	975	B	interface		The EOC shall be capable of verifying the fidelity of the EOC interface to: a. Other ECS components at any time during the lifetime of the ECS b. Entities external to ECS at any time during the lifetime of the ECS
								F-HRD-07020	1100	A	functional		The EOC shall provide a redundant Local Area Network.
								F-HRD-07025	1101	A	functional		All EOC workstations and processors shall be capable of operating simultaneously and independently.
								F-RMS-00050	1315	A	functional	Identifying a logical string for operation, test or training mode will not constrain the use of that logical string. This identification merely serves notice to all potential users of the intended use for a given string.	The EOC shall allow EOC operators to identify EOC resources for test mode.
								C-MSS-60310	2410	IR1	functional		The MSS Fault Management Application Service shall provide utilities to perform diagnostics and testing of the following for the purpose of fault isolation: a. connectivity between pairs of ECS hosts and ECS routers b. ability to reach hosts and routers c. availability of network services at hosts
								S-INS-00560	11033	IR1	interface		The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the GSFC DAAC using a file transfer protocol.
								S-INS-00520	11841	IR1	interface		The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
								S-INS-00620	11844	IR1	interface		The INGST CI shall ingest data, provided by the DAO, from the ESN into the LaRC DAAC using a file transfer protocol.
								S-INS-00630	11845	IR1	interface		The INGST CI shall ingest data, provided by NESDIS, from the ESN into the LaRC DAAC using a

												file transfer protocol.
							S-INS-00640	11846	IR1	inte rfa ce		The INGST CI shall ingest data, provided by the DAO, from the ESN into the GSFC DAAC using a file transfer protocol.
							C-MSS-60301	12576	B0	fun ctio nal		The MSS Fault Management Application Service shall provide the capability to identify routes between selected pairs of hosts on the EBnet.
							C-MSS-60330	12615	B0	fun ctio nal		The MSS Fault Management Application Service at each site shall have the capability to perform periodic testing of all ECS communication links at that site to verify that they are operational.
							C-MSS-60320	12792	B0	fun ctio nal		The MSS Fault Management Application Service shall provide, for selective use as a debugging aid, the capability to perform packet tracing of protocols used in ECS.
EOSD1607#B	9003	mission critical	SDPS CSMS	inte rfa ce	ECS shall receive data from near term Earth Probe missions to include the following as a minimum: a). TRMM data for archive and distribution b). Landsat 7 data for archive and distribution including IGS metadata and browse.		C-CSS-60520	2349	IR1	fun ctio nal		The CSS File Access Service shall support the File Transfer Protocol (FTP).
							S-INS-00785	8960	B0	inte rfa ce		The INGST CI shall ingest Data, provided by the Landsat 7 Image Assessment System (IAS), from the LAN into the EDC DAAC using a file transfer protocol.
							S-INS-00560	11033	IR1	inte rfa ce		The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the GSFC DAAC using a file transfer protocol.
							S-INS-00530	11786	A	inte rfa ce		The INGST CI shall ingest data, provided by the SDPF, from physical media into the LaRC DAAC as a backup transfer mechanism.
							S-INS-00787	11813	B0	inte rfa ce		The INGST CI shall ingest Data, provided by the Landsat 7 International Ground Stations (IGSs), into the EDC DAAC on 8 mm cartridge tape.
							S-INS-00520	11841	IR1	inte rfa ce		The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
							S-INS-00780	12530	A	inte rfa ce		The INGST CI shall ingest data, provided by the Landsat 7 Processing System (LPS), into the EDC DAAC using a CSS file transfer protocol.
EOSD1608#B	8882	mission essentia l	SDPS CSMS	inte rfa ce	ECS elements shall receive from EPDSs the following at a minimum: a. Data products b. Ancillary data c. Calibration data d. Correlative data		S-INS-00785	8960	B0	inte rfa ce		The INGST CI shall ingest Data, provided by the Landsat 7 Image Assessment System (IAS), from the LAN into the EDC DAAC using a file transfer protocol.

