

CCR 95-0690A

Query of MAIN on 9/18/95

Update Table from CCR 95-0690 including Key ID

Make indicated changes

paragraph_id	requirement_key	segment_allocation	text	req_interpretation
EOC-4140#B	804	TBD-FOS	The EOC shall generate command: related event messages for display and for history logging to include: a. Command uplink status b. Command verification status	
EOC-5010#C	813	TBDFOS	The EOC shall receive from EDOS the following telemetry data types inCCSDS packets containing: a. Real-time spacecraft and instrument housekeeping data including instrument and spacecraft housekeeping b. Spacecraft recorder housekeeping data c. SCC memory dump data	Requirement changed per CCR 94-0080A/505-01-41-050 and moved to release C per TD NAS5-60000 #12.
EOC-7140#B	898	TBDFOS	The EOC shall be capable of storing documentation on-line for operator support, including at a minimum the following: a. Operator guides b. Operational procedures	

For reference review only, below is the L4s that these RBRs are traced to. They need to be checked for impactas a result of changing the Segment allocation.

paragraph_id	requirement_key	segment_allocation	text	req_interpretation	paragraph_id	text

EOC-4140#B	804	TBD	The EOC shall generate command: related event messages for display and for history logging to include: a. Command uplink status b. Command verification status		F-CMD-04120	The FOS shall notify the user when a command is transmitted.
					F-CMD-04130	The FOS shall notify the user when a load is transmitted.
					F-CMD-04115	The EOC shall archive all uplinked information, in the format transmitted from the EOC.
					F-CMD-05255	The FOS shall notify the operator of load telemetry verification status.

EOC-5010#C	813	TBD	The EOC shall receive from EDOS the following telemetry data types inCCSDS packets containing: a. Real-time spacecraft and instrument housekeeping data including instrument and spacecraft housekeeping b. Spacecraft recorder housekeeping data c. SCC memory dump data	Requirement changed per CCR 94-0080A/505-01-41-050 and moved to release C per TD NAS5-60000 #12.	F-RMS-00070	The EOC shall provide an EOC operator access to real-time data.
					F-RMS-00080	The EOC shall provide an EOC operator access to replay data.
					F-RMS-00130	The EOC shall provide an IST operator access to real-time data.
					F-TLM-00210	The EOC shall accept EDOS Data Units (EDUs) containing spacecraft and instrument telemetry data.

					F-TLM-00215	The EOC shall extract the EDU Service Header (ESH) containing data quality, accounting, and EDOS ground receipt date and time information from the EDU.
					F-TLM-00220	The EOC shall extract the Service Data Unit (SDU) containing a CCSDS Version-1 spacecraft or instrument telemetry packet from the EDU.
					F-TLM-00410	The FOS shall accept a CCSDS Version-1 format telemetry packet of a predefined type and length.

					F-TLM-00440	The FOS shall extract from the telemetry packet primary header field the following: a. The 11-bit packet APID. b. The 14-bit packet sequence count. c. The two (2) octet packet length count.
					F-TLM-00450	The FOS shall be capable of extracting from the telemetry packet application data field the following: a. An optional CCSDS packet secondary header field . b. The packet application process telemetry information.
					F-TLM-00490	The FOS shall provide the capability to convert the packet time stamp according to a specified spacecraft time code conversion algorithm.

					F-TLM-01545	The EOC shall provide the capability to enable and disable the storage of housekeeping and instrument engineering telemetry.
					F-TLM-01720	The EOC shall store each computer memory dump collection separately.
					F-TLM-10410	The FOS shall accept AM-1 CCSDS format telemetry packets of a predefined type and length.
					F-TLM-10415	The FOS shall accept AM-1 1664 octet housekeeping telemetry packets.
					F-TLM-10420	The FOS shall accept AM-1 1664 octet diagnostic telemetry packets.
					F-TLM-10425	The FOS shall accept AM-1 208 octet health and safety telemetry packets.

					F-TLM-10430	The FOS shall accept AM-1 208 octet diagnostic telemetry packets.
					F-TLM-10435	The FOS shall accept AM-1 208 octet standby CTIU telemetry packets.
					F-TLM-10436	The FOS shall accept AM-1 instrument science telemetry packets of lengths up to 7695 octets.
					F-TLM-10440	The FOS shall extract from the telemetry packet primary header field the following: a. The 11-bit packet APID. b. The 14-bit packet sequence count. c. The two (2) octet packet length count.

					F-TLM-10455	The FOS shall be capable of extracting the 1649 octet telemetry information from the 16 Kbps AM-1 housekeeping packet application data field.
					F-TLM-10460	The FOS shall be capable of extracting the 1649 octet telemetry information from the 16 Kbps AM-1 diagnostic packet application data field .
					F-TLM-10465	The FOS shall be capable of extracting the 193 octet telemetry information from the 1 Kbps AM-1 health and safety packet application data field.
					F-TLM-10470	The FOS shall be capable of extracting the 193 octet telemetry information from the 1 Kbps AM-1 diagnostic packet application data field.

					F-TLM-10475	The FOS shall be capable of extracting the 193 octet telemetry information from the 1 Kbps AM-1 standby CTIU packet application data field.
					F-TLM-10480	The FOS shall be capable of extracting up to 7680 octets of telemetry information from the low-rate science packet application data field.
					F-TLM-10485	The FOS shall be capable of extracting up to 1025 octets of telemetry information from the high-rate science packet application data field.
					F-TLM-10490	The FOS shall provide the capability to convert the packet time stamp according to the CCSDS Day Segmented Time Code time conversion algorithm.

EOC-7140#B	898	TBD	The EOC shall be capable of storing documentation on-line for operator support, including at a minimum the following: a. Operator guides b. Operational procedures		F-FUI-02400	The FOS shall allow the user to browse on-line technical documentation.
					F-FUI-02410	The FOS shall provide a document reader with a search capability.
					F-FUI-02415	The document reader shall provide the following navigational schemes: a. hypertext forward b. hypertext trace back c. page forward d. page backward e. jump to home page (table of contents) f. search/find on a keyword
					F-FUI-02420	The FOS shall provide the user with the capability to cancel document retrieval requests.

					F-FUI-02425	The FOS shall provide the user with the capability to open one or more document reader windows.
					F-FUI-02430	The FOS shall provide a history trace window that will keep track of where the user has been throughout a document viewing session.
					F-FUI-02435	The FOS shall provide the user with the capability to clear the document reader history trace window.
					F-FUI-02440	The FOS shall provide the capability to input a document.
					F-FUI-02445	The FOS shall provide the capability to update a document.
					F-FUI-02450	The FOS shall provide the capability to delete a document.
					F-FUI-02700	The FOS shall allow the user to browse on-line help documentation.

					F-FUI-02705	The FOS shall provide the user with the capability to cancel any help data retrieval.
					F-FUI-02710	The FOS shall provide the user with the capability to open one or more help windows.
					F-FUI-02715	The FOS shall provide the user with the capability to request help information from any FOS window.
					F-FUI-02720	The FOS shall provide the user a help screen that displays help information pertinent to the display or activity the user is involved in when the user requests help.

					F-FUI-02725	<p>The FOS shall provide a help screen with the following navigational schemes:</p> <ul style="list-style-type: none"> a. hypertext forward b. hypertext trace back c. page forward d. page backward e. jump to home page (table of contents) f. search/find on a keyword
					F-FUI-17600	<p>The FOS shall display data base information about the master and major cycles that the telemetry value is extracted from.</p>