

Attachment 1

Part 1: Remove FOS Segment\_Allocation:

Baseline: 7/31/96

RBR_id	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	CCR	text
EOSD1600# A	mission essential	<del>FOS</del> + CSMS	interface	test	un-verified	test			The ECS elements that interface with EDOS elements shall exchange element level status data with EDOS.
EOSD3500# A	mission essential	<del>FOS</del> +SDPS   CSMS	procedural   RMA	demo	un-verified	inspection	un-verified		The ECS RMA Program shall adhere to GSFC 420-05-03, Performance Assurance Requirements for the EOSDIS.
EOSD3510# A	mission fulfillment	<del>FOS</del> +SDPS   CSMS	procedural   RMA	test	un-verified	inspection	un-verified		Reliability predictions shall be calculated in accordance with the parts count analysis method, Appendix A,

									of MIL-HDBK-217F, Reliability Prediction of Electronic Equipment.
EOSD3600# A	mission fulfillment	FOS   SDPS   CSMS	procedural   RMA	test	un-verified	inspection	un-verified		Maintainability shall be predicted in accordance with MIL-HDBK-472, Maintainability Prediction, Procedure IV.
EOSD3610# A	mission fulfillment	FOS   SDPS   CSMS	procedural   RMA	inspection	un-verified	inspection			The Maintainability Status Report shall be based on MIL-STD-470A, Maintainability Program for Systems and Equipment, Task 104 and shall include any changes in the MTBM predictions.
EOSD3615# A	mission fulfillment	FOS   SDPS   CSMS	procedural   RMA	inspection	un-verified	inspection			The

									Maintainability Status Report shall also include data on items specified for maintainability reporting in GSFC 420-05-03.
EOSD3625# A	mission fulfillment	<del>FOS</del> +SDPS   CSMS	procedural   RMA	test	un-verified	inspection	un-verified		For ECS functions with a backup capability, ECS shall use switchover time to the backup capability in measuring maintainability, rather than down time, when the component goes down.
EOSD3630# A	mission essential	<del>FOS</del> +SDPS   CSMS	RMA	analysis	un-verified	analysis			The maximum down time shall not exceed twice the required MDT in 99 percent of failure

<p>EOSD3700# A</p>	<p>mission essential</p>	<p><del>FOS</del>   SDPS   CSMS</p>	<p>RMA</p>	<p>analysis</p>	<p>un-verified</p>	<p>analysis</p>			<p>occurrences.  ECS functions shall have an operational availability of 0.96 at a minimum (.998 design goal) and an MDT of four (4) hours or less (1.5 hour design goal), unless otherwise specified. The above requirement covers equipment including: a. "Non- critical" equipment configured with the critical equipment supporting the functional capabilities in the requirements . b. Equipment providing</p>
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									other functionality not explicitly stated in the RMA requirements that follow.
EOSD3710# A	mission critical	FOS+ CSMS	RMA	test	un-verified	test			The ECS shall have no single point of failure for functions associated with real-time operations of the spacecraft and instruments.
AM1-0070#A	mission essential	FOS+ CSMS	interface	test	un-verified	test	un-verified		The AM-1 spacecraft shall have the capability to send (in CADU format) and the EOC shall have the capability to receive (in EDUs containing CCSDS telemetry packets)

									recorded AM-1 spacecraft and instrument housekeeping telemetry packets (as defined in AM-1 ICD 106) via EDOS/EBnet and the SN, GN, DSN, or WOTS interfaces.
AM1-0130- #A	<del>TBD</del> <u>mission</u> <u>critical</u>	<del>FOS</del> CSMS	interface	<del>TBD</del> <u>test</u>	un-verified				The AM-1 spacecraft shall have the capability to send (in CADU format) and the EOC shall have the capability to receive (in EDUs containing CCSDS telemetry packets and CLCWs) recorded AM-1 housekeeping telemetry

									packets (as defined in AM-1 ICD 106) via pre-launch test configurations which include the AM-1 Spacecraft Checkout Station, Ecom, and EDOS or ETS.
AM1-0135- #A	<del>TBD</del> <u>mission</u> <u>critical</u>	<del>FOS</del> CSMS	interface	<del>TBD</del> <u>demo</u>	un-verified				The AM-1 spacecraft shall have the capability to send (in CADU format) and the EOC shall have the capability to receive (in EDUs containing CCSDS telemetry packets and CLCWs) AM-1 SCC, CTIU, and instrument microprocessor memory dump

									telemetry packets (as defined in AM-1 ICD 106) via pre-launch test configurations which include the AM-1 Spacecraft Checkout Station, Ecom, and EDOS or ETS.
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Attachment 2:  
Delete Links  
RTM Baseline: 7/31/96  
CCR: \_\_\_\_\_

RBR_id	L4_id
<del>AM1-0130 #A</del>	<del>F-TLM-00135</del>
<del>AM1-0130 #A</del>	<del>F-CMD-01120</del>
<del>AM1-0130 #A</del>	<del>F-CMD-01160</del>
<del>AM1-0135 #A</del>	<del>F-TLM-00135</del>
<del>AM1-0135 #A</del>	<del>F-CMD-01120</del>
<del>AM1-0135 #A</del>	<del>F-CMD-01160</del>
<del>AM1-0135 #A</del>	<del>F-CMD-01125</del>