

Requirements from RTM BASELINE122195

reference file for CCR to add SCDO MSS L4, fix IMS RbR to L4 links, and fix MSS-40520 release field file attach1.doc

Table 1 - Reference table of L4s and RbR parent changes

L4 ID	Rel	RTM key	L4 Rqmt Text	Clarification	L3 RbR ID	RTM key	L3 RbR Text	Interpretation
C-MSS-66310	IR1	new	The MSS performance management application service shall be capable of retrieving the following science algorithm performance data via the Management Data Access Service: a. algorithm name b. algorithm version c. start time d. stop time e. CPU utilization f. memory utilization g. disk reads h. disk writes		SMC-3355#A	4303	The LSM shall implement the performance criteria from SMC (including parametric limits and operational threshold levels) for evaluating element resource performance.	A: Performed by M&O staff using performance management tools
					SMC-3355#B	4931	The LSM shall implement the performance criteria from SMC (including parametric limits and operational threshold levels) for evaluating element resource performance.	B: Full capability (through use of performance management tools)
					SMC-3385#A	4307	The LSM shall evaluate system performance against the ESDIS project established performance criteria.	
					SMC-3385#B	4943	The LSM shall evaluate system performance against the ESDIS project established performance criteria.	
					SMC-8800#A	4372	The SMC shall have the capability to generate detailed and summary reports indicating the overall performance of the ECS. At a minimum, they shall include: a. Scheduled versus actual data collection, processing, retrieval, and delivery of routine data b. Scheduled versus actual data collection, processing, retrieval, and delivery of user requested data c. Reason(s) for failure to meet schedules d. Quality of the data e. Ground operations event execution f. Number of interactive user requests and timeliness of response g. User feedback	A: Performed by M&O staff using office automation tools.

				<u>SMC-8800#B</u>	5044	The SMC shall have the capability to generate detailed and summary reports indicating the overall performance of the ECS. At a minimum, they shall include: a. Scheduled versus actual data collection, processing, retrieval, and delivery of routine data b. Scheduled versus actual data collection, processing, retrieval, and delivery of user requested data c. Reason(s) for failure to meet schedules d. Quality of the data e. Ground operations event execution f. Number of interactive user requests and timeliness of response g. User feedback	B: Full capability
				<u>SMC-8820#A</u>	4373	The SMC shall have the capability to generate detailed and summary reports indicating the product generation status made in processing, reprocessing, and storage of all standard products.	A: Partial compliance
				<u>SMC-8820#B</u>	5046	The SMC shall have the capability to generate detailed and summary reports indicating the product generation status made in processing, reprocessing, and storage of all standard products.	B: Full capability
C-CSS-21120	A	587	The CSS Security service shall provide an API to check the authorization privileges of principals to access/control services/resources.	<u>IMS-0080#A</u>	1709	The IMS shall maintain a list of authorized ECS services for each user and shall update the list with information supplied by the SMC.	
				<u>IMS-0080#B</u>	1710	The IMS shall maintain a list of authorized ECS services for each user and shall update the list with information supplied by the SMC.	
				<u>IMS-0880#A</u>	1863	The IMS shall provide an interface to the ADC and ODC archives for ordering data to be delivered directly to the user or to a DADS.	
				<u>IMS-0880#B</u>	1864	The IMS shall provide an interface to the ADC and ODC archives for ordering data to be delivered directly to the user or to a DADS.	

C-MSS-40520	A IR	4061	The MSS configuration management application service shall <u>request, verify, that changes to and log a change request number for a software library files are supported by before allowing the file to be checked out for modification</u> -approved change requests.					
-------------	--------	------	---	--	--	--	--	--

Table 2 - L4 changes

L4 ID	Rel	RTM key	L4 Rqmt Text	Clarification
C-MSS-66310	IR1	new	<p>The MSS performance management application service shall be capable of retrieving the following science algorithm performance data via the Management Data Access Service:</p> <ul style="list-style-type: none"> a. <u>algorithm name</u> b. <u>algorithm version</u> c. <u>start time</u> d. <u>stop time</u> e. <u>CPU utilization</u> f. <u>memory utilization</u> g. <u>disk reads</u> h. <u>disk writes</u> 	
C-MSS-40520	A IR	4061	<p>The MSS configuration management application service shall <u>request, verify,</u> that changes to <u>and log a change request number</u> for a software library files are supported by <u>before allowing the file to be checked out for modification</u> approved change requests.</p>	

Table 3 - L4 to RbR links to be added

L4 ID	L3 RbR ID
C-MSS-66310	SMC-3355#A
C-MSS-66310	SMC-3355#B
C-MSS-66310	SMC-3385#A
C-MSS-66310	SMC-3385#B
C-MSS-66310	SMC-8800#A
C-MSS-66310	SMC-8800#B
C-MSS-66310	SMC-8820#A
C-MSS-66310	SMC-8820#B
C-CSS-21120	IMS-0080#A
C-CSS-21120	IMS-0080#B

Table 4 - L4 to RbR links to be deleted

L4 ID	L3 RbR ID
C-CSS-21120	IMS-0880#A
C-CSS-21120	IMS-0880#B