

Source Nos (RID, NCR, Action Item, GSFC CCR, etc) or Tech Reference (cont'd):

ECsed06353, ECsed08532, ECsed08533, ECsed08584, ECsed08531, ECsed08529, ECsed08528, ECsed08560, ECsed07527, ECsed08043, ECsed08023, ECsed08022, ECsed08021, ECsed08024, ECsed08025, ECsed08623

Table 1: Modify Text Attributes

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
CC	F-DMS- 00770	13047	A	The FOS shall provide the capability to retrieve archived telemetry by specifying the following: a. Spacecraft start time b. Spacecraft stop time c. Deleted d. Data type (housekeeping, health and safety, standby) e. Spacecraft Identifier (if applicable)		functional	approved	demo	unverified	97-0646
CT	F-DMS- 00770			The FOS shall provide the capability to retrieve archived telemetry by specifying the following: a. Spacecraft start time b. Spacecraft stop time c. Deleted d. Deleted e. Spacecraft Identifier (if applicable)						
CC	F-FOS- 00090	968	B	The EOC shall use simulations and test functions of the spacecraft		functional		demo		

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				simulator(s) to check out the EOC functions.						
CT	F-FOS- 00090		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00095	969	<u>B</u>	The EOC shall support spacecraft and instrument tests at the integration site and at the launch site.		functional		test		
CT	F-FOS- 00095		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00110	971	<u>B</u>	The EOC shall be capable of simultaneou sly supporting the Independent Verification and Validation (IV&V) activities and ECS developmen t activities, both before and after flight operations begin.		procedural		demo		
CT	F-FOS- 00110		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00165	980	<u>B</u>	The EOC shall prepare a compliance report with the LTSP and LTIP.	The compliance report with the LTSP and the LTIP will be manually prepared by the Flight Operations Team (FOT).	procedural		demo		
CT	F-FOS- 00165		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00225	984	<u>B</u>	The EOC computer hardware shall be able to grow without redesign to twice the processing, storage, and		functional		analysis		

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				network communicat ions capacities estimated for full system operation.						
CT	F-FOS- 00225		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00300	986	<u>B</u>	The EOC shall interface with the EOS Project Scientist for resolution of conflicts between instrument activities of equal priority.	This requirement will be fulfilled manually between the <u>FOS</u> and the Project Scientist.	interface		demo		
CT	F-FOS- 00300		<u>FPB</u>		This requirement will be fulfilled manually between the <u>FOT</u> and the Project Scientist.		<u>approved</u>		<u>unverified</u>	
CC	F-FOS- 00305	987	<u>B</u>	The EOC shall interface with the EOS spacecraft and with the EOS instruments in order to perform mission operations, including planning, scheduling, commandin g, and monitoring functions.		interface		test		
CT	F-FOS- 00305		<u>FPB</u>				<u>approved</u>		<u>unverified</u>	
CC	F-HRD- 01015	13084	A	Each User Station shall provide one color text and graphics display device which shall: a. Display the complete		functional	approved	inspection	unverified	97-0721

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				ASCII character set b. Provide a minimum of 1024 pixel x 864 lines resolution display c. Display a minimum of 16 colors d. Display pages 24 lines by 80 characters wide e. Display a minimum of four screen display pages f. Display pages readable from any location along the width of the workstation and up to a distance of 6 feet from the screen g. Provide a minimum of 17 inches diagonal non-glare screen h. Provide RGB video output for hard copy i. Feature an integral swivel/tilt base j. Provide brightness, contrast and power controls within easy reach. k. Be physically relocatable within the operations center						
CT	F-HRD-01015			Each User Station shall provide one color text and graphics						

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				display device which shall: a. Display the complete ASCII character set b. Provide a minimum of 1024 pixel x 864 lines resolution display c. Display a minimum of 16 colors d. Display pages 24 lines by 80 characters wide e. Display a minimum of four screen display pages f. Display pages readable from any location along the width of the workstation g. Provide a minimum of 17 inches diagonal non-glare screen h. Provide RGB video output for hard copy i. Feature an integral swivel/tilt base j. Provide brightness, contrast and power controls within easy reach. k. Be physically relocatable within the operations center						
CC	F-HRD-03040	1080	A	The RAID unit shall be network attached or hosted to a		functional		inspection		

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				minimum of 2 front-end processors.						
CT	F-HRD- 03040				<u>This requirement only applies to the RAID on the operations LAN.</u>		<u>approved</u>		<u>unverified</u>	
CC	F-PAS- 00805	10464	B	The FOS shall identify all disallowed activities that are between the start and end times for the Detailed Activity Schedule.	Disallowed activities include: _activities that are scheduled in windows; _resource reservation request activities that are place holders for detailed activities; _and activities that cause constraint violations.	functional	approved	test		
CT	F-PAS- 00805			The FOS shall identify all disallowed activities that are between the start and end times for the <u>mission schedule.</u>	<u>Disallowed activities are activities which cause hard constraint violations.</u>				<u>unverified</u>	
CC	F-PAS- 00810	10465	B	The FOS shall provide the capability for an authorized user to remove disallowed activities from the Detailed Activity Schedule.	This is intended to give the FOT the ability to avoid mistakes with an automated check.	functional	approved	test		
CT	F-PAS- 00810			The FOS shall provide the capability for an authorized user to					<u>unverified</u>	

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				remove disallowed activities from the <u>mission schedule</u> .						
CC	F-PAS-00815	10553	B	The FOS shall provide the capability for an authorized user to specify the users who can create a Detailed Activity Schedule.		functional	approved	test		
CT	F-PAS-00815			The FOS shall provide the capability for an authorized user to specify users who can <u>generate</u> a Detailed Activity Schedule.					<u>unverified</u>	
CC	F-PAS-00120	10445	B	The FOS shall provide the capability for an authorized user to delete a mission schedule for a specific spacecraft.		functional	approved	test		
CT	F-PAS-00120			The FOS shall provide the capability for an authorized user to delete <u>activities on</u> a mission schedule for a specific spacecraft.					<u>unverified</u>	
CC	F-PAS-00340	1134	B	The FOS shall provide the capability for an authorized user to search for and find an activity on		functional		test		

LEVEL_4	PARAGRA PH_ID	OBJECT _ID	RELEASE	TEXT	CLARIFIC ATION	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR
				the mission schedule by: its name; or its identifier; or the time.						
CT	F-PAS- 00340				<u>This "search" capability is accomplishe d by searching the mission schedule report.</u>		<u>approved</u>		<u>unverified</u>	
CC	F-RMS- 03090	1345	B	The EOC shall provide the MSS with changes in EOC component statuses.		functional		demo		
CT	F-RMS- 03090						<u>approved</u>		<u>unverified</u>	
EOT										

Table 2: Delete Level 4 Requirement

LEVEL_4	PARAGRA PH_ID	OBJECT_I D	RELEASE	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR	TEXT	CLARIFIC ATION
DEL	F-RMS- 03090	1345	B	functional	approved	demo	unverified		The EOC shall provide the MSS with changes in EOC component statuses.	
EOT										

Table 3: Add New Level 4 Requirements

LEVEL_4	PARAGRA PH_ID	OBJECT_I D	RELEASE	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR	TEXT	CLARIFIC ATION
ADD	<u>F-FOS- 10250</u>		<u>B</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>		<u>The FOS shall provide two IST software toolkits to the FDD.</u>	
ADD	<u>F-FOS- 10255</u>		<u>B</u>	<u>functional</u>	<u>approved</u>	<u>test</u>	<u>unverified</u>		<u>The FOS shall provide a single IST connection to the FDS IST at the</u>	

LEVEL_4	PARAGRA PH_ID	OBJECT_I D	RELEASE	REQ_TYP E	REQ_STA TUS	VERIFICA TION_ME THOD	VERIFICA TION_STA TUS	CCR	TEXT	CLARIFIC ATION
									<u>EOC.</u>	
ADD	<u>F-FOS-10260</u>		<u>B</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>		<u>The FOS shall provide an IST software toolkit to the GSFC FSTB.</u>	
ADD	<u>F-FOS-10265</u>		<u>B</u>	<u>functional</u>	<u>approved</u>	<u>test</u>	<u>unverified</u>		<u>The FOS shall provide a single IST connection to the GSFC FSTB IST.</u>	
EOT										

Table 4: Add RBR to L4 Links

RELEASE_T O_L4	PARAGRAPH_ID	PARAGRAPH_ID
LINK	<u>ICC-7005#B</u>	<u>F-FOS-10250</u>
LINK	<u>ICC-7005#B</u>	<u>F-FOS-10255</u>
LINK	<u>ICC-7005#B</u>	<u>F-FOS-10260</u>
LINK	<u>ICC-7005#B</u>	<u>F-FOS-10265</u>
EOT		