

RBR	KEY	Rel	seg	req_type	sv_status	sv_method	av_status	av_method	req_category	text	interp	clarif	CCR
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Table 1 - RbR RELEASE attribute changes

RBR	KEY	Rel	seg	req_type	sv_status	sv_method	av_status	av_method	req_category	text	interp	clarif	CCR
SMC-0320#B	8397	B0B1	SDPS	functional	unverified	test	unverified	test	mission essential	The SMC shall be capable of scheduling ground activities to a minimum of one minute resolution.	Resource Planning at DAACs and SMC; B: Shared allocation, Planned vs. Actual Reports <u>Not all PLANG CI services will be available in B.0 .</u>	SDPS is responsible for Resource Planning and development of tools for B0 to schedule resources.	96-1438B
SMC-1315#B	8391	B0B1	CSMS	functional operational	unverified	test	unverified	test	mission critical	The LSM shall provide each element's scheduling function with access to the system-wide scheduling information, including, at a minimum: a. ECS policies and procedures regarding instrument and ground event scheduling b. Other elements plans and schedules c. Element allocations of ground event functions and capabilities d. Product generation information e. Scheduling directives for testing, maintenance, and emergency situations	Manually performed with support from office automation tools. <u>Policies and Procedures management shall be procedural in B.0 .</u>		97-0384A

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SMC-1320#B	6283	<u>B0B1</u>	SDPS	functional operational	un-verified	test	un-verified	test	mission essential	The SMC shall support and maintain priorities used in scheduling ground events.	SMC handling of ground events is viewed as manually supported by office automation tools. Priorities supported for resource planning at sites. <u>Not all PLANG CI services will be available in B.0 .</u>		97-0384A
SMC-1335#B	5161	<u>B0B1</u>	CSMS	functional operational	un-verified	test	un-verified	test	mission critical	The LSM shall have the capability to automatically extract, process, and send to the SMC, pertinent scheduling information.	SMC M&O staff retrieve site active production plans from Data Server. <u>Not all PLANG CI services will be available in B.0 .</u>		97-0384A
SMC-1345#B	8444	<u>B0B1</u>	CSMS	functional operational	un-verified	test	un-verified	test	mission critical	The LSM shall perform priority management services to resolve conflicts for ECS resources.	<u>Not all PLANG CI services will be available in B.0 .</u>	The SMC consults policy & procedures it guides & resolves conflicts.	97-0384A
SMC-1500#B	9251	<u>B0B1</u>	CSMS	functional	un-verified	test	un-verified	test	mission essential	The SMC shall perform schedule conflict analysis and resolution services in response to a schedule conflict involving sites, ECS elements, or external elements, agencies, or organizations, except for conflicts associated with flight operations	SMC uses plans generated and published by the sites to identify, resolve conflicts. <u>Not all PLANG CI services will be available in B.0 .</u>		97-0202A

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SMC-2510#B	9202	<u>B0B1</u>	CSMS	functional	un-verified	analysis	un-verified	test	mission essential	The SMC shall provide at a minimum system-wide configuration management for the operational hardware, scientific and system software, and the SMC toolkit contained within ECS. The management system shall support the migration of hardware and software upgrades into the operational environment.	<u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0359
SMC-2600#B	4781	<u>B0B1</u>	CSMS	operational security	un-verified	inspection	un-verified	inspection	mission fulfillment	The SMC shall support, control, and maintain ECS policies and procedures covering the following areas, at a minimum: a. Site or element responsibility and authority b. Resource management c. Fault recovery d. Testing e. Simulation f. Maintenance g. Logistics h. Performance evaluation i. Training j. Quality and product assurance k. Inventory management l. System enhancements m. Finance management n. Administrative actions o. Security	<u>B: Full-capability Policies and Procedures management shall be procedural in B.0 .</u>		97-0384A

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SMC-2605#B	8488	<u>B0B1</u>	CSMS	operational security	unverified	analysis	unverified	demo	mission fulfillment	The LSM shall support the site and element in implementing ESDIS Project policies and procedures received from the SMC covering the following areas, at a minimum: a. Element responsibility and authority b. Resource management c. Fault recovery d. Testing e. Simulation f. Maintenance g. Logistics h. Performance evaluation i. Training j. Quality and product assurance k. Inventory management l. System enhancements m. Finance management n. Administrative actions o. Security	<u>Policies and Procedures management shall be procedural in B.0 .</u>		97-0384A
SMC-3300#B	9207	<u>B0B1</u>	CSMS	functional	unverified	demo	unverified	demo	mission essential	The SMC shall monitor site and element hardware, and scientific and system software status to determine their operational states including, at a minimum: a. On-line b. Failed c. In maintenance d. In test mode e. In simulation mode	<u>Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>	SMC through HPOV can monitor application servers.	97-0110A

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SMC-3305#B	9213	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission critical	The LSM shall monitor its element's hardware, and scientific and system software status to determine their operational states including, at a minimum : a. On-line b. Failed c. In maintenance d. In test mode e. In simulation mode	<u>For B.0 - Mode Management shall not support process suspension or resume, and only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported.</u>		97-0110A
SMC-3315#B	8490	<u>B0B1</u>	SDPS	functional	unverified	demo	unverified	demo	mission essential	The LSM shall monitor its element's schedule and execution of events.	<u>For B.0, only Ad hoc and standard administrative reports are supported.</u>	PDPS has tools to monitor production schedules and resource allocation.	96-1438B
SMC-3325#B	4916	<u>B0B1</u>	SDPS	functional	unverified	demo	<u>unverified</u>	demo	mission critical	The LSM shall monitor execution of ground operations events.	<u>B: Fully automated. The PLANG CI shall log ground events' start and end times in B.1 .</u>		
SMC-3330#B	8492	<u>B0B1</u>	CSMS	functional operational	unverified	demo	unverified	test	mission fulfillment	The SMC shall compare and evaluate system-wide, site, and element actual schedule performance against planned schedule performance.	System monitoring is federated across the DAACs & SMC. <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0351A

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SMC-3335#B	8494	<u>B0B1</u>	SDPS	functional operational	un-verified	test	un-verified	test	mission essential	The LSM shall compare and evaluate its element's actual schedule performance against planned schedule performance.	Accomplished with the use of various performance management and scheduling tools. <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>	PDPS produces various schedule compliance reports for review at LSM.	96-1438B
SMC-3350#B	8498	<u>B0B1</u>	CSMS	functional	un-verified	analysis	un-verified	analysis	mission critical	The SMC shall generate, maintain, and update performance criteria and responses to performance deficiencies for system, site, and element resources and activities, such as: a. Data collection b. Product generation, QA and validation c. Reprocessing d. Data delivery to DAACs and to users e. Response to user requests f. Response to TOOs g. Response to field experiments h. Response to emergency situations	<u>Accountability Food Chain support is in B.1</u>	SMC disseminates policies and procedures regulating performance criteria and responses.	96-1438B
SMC-3380#B	6351	<u>B0B1</u>	CSMS	functional	un-verified	analysis	un-verified	analysis	mission essential	The SMC shall evaluate the overall system performance including the analysis of EBnet related fault and performance information and their long term trend analysis to determine the impact to ECS system.	<u>B: Full capability Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>		

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SMC-3390#B	9225	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission critical	The SMC shall generate alert indicators of fault or degraded conditions with the corrective actions.	<u>Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>		97-0384A
SMC-3397#B	8502	<u>B0B1</u>	CSMS	procedural	unverified	inspection	unverified	inspection	mission critical	The LSM shall generate, as needed, requests for performance testing, including, at a minimum: a. Resource to be tested b. Test purpose c. Requested test priority d. Required test environment e. Impacts to operations f. Expected test results	<u>Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>		96-1438B
SMC-3400#B	8504	<u>B0B1</u>	CSMS	procedural	unverified	inspection	unverified	inspection	mission essential	The SMC shall generate, as needed, requests for performance testing that includes, at a minimum: a. Resource to be tested b. Test purpose c. Requested test priority d. Required test environment e. Impacts to operations f. Expected test results	<u>Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>		96-1438B
SMC-3410#B	8508	<u>B0B1</u>	CSMS	functional	unverified	analysis	unverified	test	mission essential	The SMC shall perform short and long-term trend analysis of system, site, and element performance to include, at a minimum: a. Operational status b. Performance of a particular resource c. Maintenance activities (e.g., number of repairs per item)	<u>Only Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported for B.0 .</u>	STATIT statistical analysis tool facilitates this requirement.	96-1438B

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SMC-3420#B	4955	<u>B0B1</u>	CSMS	functional	un-verified	analysis	<u>un-verified</u>	analysis	mission essential	The SMC shall perform short and long term trend analysis of system, site, and element performance to determine the impact on resources of, at a minimum: a. Modifying system, site, or element activity allocations b. Potential enhancements to system, site, or element	<u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		
SMC-3421#B	8510	<u>B0B1</u>	CSMS	functional operational	un-verified	inspection	un-verified	inspection	mission essential	The SMC shall analyze user feedback information supporting the development of recommended remedial or enhancement actions.	Facilitation of this requirement will be described by M&O in their 611/OP3 document. <u>The capability to receive user comment survey requests from the CLS is in B.1 .</u>		97-0384A
SMC-5300#B	4970	<u>B0B1</u>	CSMS	operational security	un-verified	analysis	un-verified	analysis	mission essential	The SMC shall, in conjunction with sites and elements, establish, support, maintain, and update security policies and procedures to include, at a minimum: a. Physical security b. Password management c. Operational security d. Data security e. Privileges f. Network security g. Compromise mitigation	B: Full capability – possibly automated. <u>Policies and Procedures management shall be procedural in B.0 .</u>		97-0384A

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SMC-5320#B	4972	<u>B0B1</u>	CSMS	security	unverified	test	unverified	test	mission critical	The SMC shall establish, maintain, and authenticate access privileges for ECS scientific users.	Science users are a class of ECS user. <u>The capability to receive user comment survey requests from the CLS is in B.1 .</u>		97-0384A
SMC-6320#B	4992	<u>B0B1</u>	CSMS	security	unverified	demo	<u>unverified</u>	demo	mission essential	The SMC shall perform, as needed, data and user audit trails.	<u>Bill and Accounting Service is in B.1 .</u>		
SMC-6335#B	5004	<u>B0B1</u>	CSMS	functional	unverified	demo	unverified	demo	mission essential	The LSM shall, as needed, maintain and update a data tracking system that, at a minimum: a. Tracks data transport from element input to element output b. Allows the status of all product-production activities to be determined	<u>B:</u> Full capability through performance management tools. <u>For B.0, only Ad hoc and standard administrative reports are supported</u>		97-0384A
SMC-6380#B	5012	<u>B0B1</u>	CSMS	functional	unverified	test	<u>unverified</u>	test	mission essential	The SMC shall calculate the resource unit costs associated with processing information from system input to system output	<u>B:</u> Full Capability <u>Bill and Accounting Service is in B.1 .</u>		
SMC-8300#B	9228	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission essential	The SMC shall have a generalized report generator with the capability to customize output reports covering, at a minimum, data previously captured in a management DBMS including: a. All or portions of the system b. Variable amounts of time	Time is an accessible attribute with a SQL query. <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0384A

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SMC-8700#B	9230	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission essential	The SMC shall have the capability to generate a functional allocation report which gives the current allocation of ground segment functions to the sites and elements, including, at a minimum: a. The allocation of generation and storage function by standard product to each active archive b. The allocation of instrument responsibility to each ICC	B: Fully automated <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0202A
SMC-8705#B	7242	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission essential	The LSM shall have the capability to generate the same types of reports listed under the SMC report generation service, except that each report shall cover only its particular site or its particular element.	<u>Policies and Procedures management shall be procedural in B.0 .</u>		96-0970A
SMC-8730#B	5036	<u>B0B1</u>	CSMS	functional	unverified	test	<u>unverified</u>	test	mission essential	The SMC shall have the capability to generate reports showing detailed and summary information about the maintenance schedule for system hardware, system software, and scientific software, including, at a minimum: a. Routine maintenance schedules b. Non-routine maintenance schedules c. Upgrade maintenance schedule	B: Fully automated <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		

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SMC-8770#B	9231	<u>B0B1</u>	CSMS	functional	un-verified	test	un-verified	test	mission essential	The SMC shall have the capability to generate, at a minimum, detailed and summary reports showing the inventory of: a. Hardware, system, and scientific software b. Spares and consumables	<u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0110A
SMC-8790#B	5041	<u>B0B1</u>	CSMS	functional	un-verified	analysis	<u>un-verified</u>	analysis	mission fulfillment	The SMC shall have the capability to generate, as necessary, a list of proposed enhancements with at least these elements: a. Proposal name b. Description of enhancement c. Rationale d. Impacts e. Costs f. Milestone schedule	<u>B: Fully implemented</u> <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		

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SMC-8800#B	9232	<u>B0B1</u>	CSMS	functional	unverified	test	unverified	test	mission essential	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	<u>B: Full capability For B.0, only Ad hoc and standard administrative reports and Tivoli Mgt. Envr. (TME) and Network Node Mgr. (NNM) threshold monitoring are supported.</u>		97-0384A
SMC-8820#B	5046	<u>B0B1</u>	CSMS	functional	unverified	test	<u>unverified</u>	test	mission essential	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.	<u>B: Full capability For B.0, only Ad hoc and standard administrative reports are supported.</u>		

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SMC-8840#B	5048	<u>B0B1</u>	CSMS	functional	un-verified	test	<u>un-verified</u>	test	mission essential	The SMC shall have the capability to generate detailed and summary reports indicating the performance of ground resources, including, at a minimum: a. Resource availability b. Reason for down time c. Resource utilization d. Ability of resource to meet performance criteria e. Short and long-term trend analysis and capacity planning results	<u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		
SMC-8841#B	9233	<u>B0B1</u>	CSMS	functional	un-verified	test	un-verified	test	mission essential	The SMC shall have the capability to generate detailed and summary user feedback analysis reports describing the results of analyzing user satisfaction queries, including, at a minimum: a. User information b. Type of transaction c. Satisfaction statistics d. User recommendations e. SMC recommendations	B: Full e Capability <u>provided</u> using office automation tools. <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0202A
SMC-8860#B	9234	<u>B0B1</u>	CSMS	functional	un-verified	test	un-verified	test	mission essential	The SMC shall have the capability to generate detailed and summary fault management reports describing the fault management of ground resources, including, at a minimum: a. Fault type and description b. Time of occurrence of fault c. Effect on system d. Status of fault resolution e. Fault statistics	B: Full capability - possibly automated using office automation tools. <u>For B.0, only Ad hoc and standard administrative reports are supported.</u>		97-0202A