

ABLE 1. Table 1 represent the reference table that show the changes that shall be made to RTM MAIN via this CCR. In Version A of this CR the requirement S-PLS-01210 is shown as unchanged from Release B in Table 1 and is removed from Table 3, since there remains an issue with the requirements allocation to B.0 or B.1.

Req id	Req key	Rel	Req Type	Req Status	Verfic Method	Verfic Status	Clarification	Text
PLS-00070	9032	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall accept Production Requests for reprocessing of Data Products from currently available input data.
PLS-00100	11619	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall accept Production Requests for On-Demand Data Products.
PLS-00130	11620	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall send a response message to the Data Server confirming the acceptance status of the received Production Request for On-Demand Data Products ("accepted", "rejected", "deferred") and reason for rejection of a request (if applicable).
PLS-00140	11621	<u>B</u> <u>B1</u>	interface	approved	test	unverified		Upon acceptance of a Production Request for an On-Demand Data Product, the PLANG CI shall immediately forward its corresponding Data Processing Requests to the PRONG CI if predefined resource thresholds are not exceeded and if the input data is available.
PLS-00150	11624	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall defer On-Demand Production Requests for future plan generation consideration when these On-Demand Production Requests are estimated to exceed a predefined resource threshold.
PLS-00160	11623	<u>B</u> <u>B1</u>	functional	approved	test	unverified		If a Production Request for an On-Demand Data Product exceeds a predefined resource usage threshold the PLANG CI shall notify the operations staff that the Production Request has been deferred.
PLS-00165	11625	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall allow the operator to specify the resource usage thresholds used to accept or defer On-Demand Production Requests.
PLS-00170	11626	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall accept updates (modifications/cancellations) to Production Requests for On-Demand Data Products.
PLS-00190	11627	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall forward a response message to the Data Server indicating acceptance / rejection status of the updates to the Production Request for On-Demand Data Products .

PLS-00306	10175	<u>B</u> <u>B1</u>	interface	approved	demo	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to display site resources plan covering an operator specified time interval, in text report and timeline display format, to a resolution of one minute which describes the shared allocation of planned site resources to default activities and ground events.
PLS-00322	10180	<u>B</u> <u>B1</u>	functional	approved	demo	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capable <u>capability</u> of setting up dependencies between services and hardware resources.
PLS-00355	10187	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to generate reports providing a comparison of planned vs. actual resource usage.
PLS-00360	10188	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to provide site resource plans to PLANG CI's at other sites.
PLS-00365	10189	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to import saved site resource plans.
PLS-00370	10190	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to save site resource plans to a file.
PLS-00375	10191	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to initiate site ground event script associated with a resource request in the resource plan at the planned for time.
PLS-00380	10192	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall log the start time of ground events it executes.
PLS-00385	10193	<u>B</u> <u>B1</u>	functional	approved	test/ analysis	<u>unverified</u>		The PLANG CI shall log the end time of ground events it executes.
PLS-00405	11628	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall allow the conditions for execution of Product Generation Executives (PGEs) to include the values of metadata fields of input data.
PLS-00407	11629	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall maintain Product Generation Executives (PGEs) information necessary to support the production of tile or spatial-based output Granules.
PLS-00445	11630	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall maintain multiple Production Strategies defined by sets of Production Rules to be used when preparing a Production Plan.
PLS-00455	11631	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall support the capability that allows the operations staff to update (enter/ modify/ delete) the Production Strategies (via GUI).
PLS-00457	9048	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI GUI shall conform to the guidelines version 5.1 of the ECS User Interface Style Guide.

PLS-00458	9049	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		To the extent possible, the PLANG CI COTS GUI shall be configured to conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.
PLS-00604	11632	<u>B</u> <u>B0</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall receive advertisements from the IOS.
PLS-00631	11633	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of Data Availability Schedules (DAS) for any remote ECS site, any IP, or any ODC that makes a Data Availability Schedules available.
PLS-00635	11634	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of FOS plans and schedules
PLS-00651	11635	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall accept Data Availability Schedules (DAS), for remote ECS sites, IPs, and ODCs, based on the Data Availability Schedule Notice received.
PLS-00652	11636	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall support the capability to retrieve FOS plans and schedules from the Data Server.
PLS-00654	11637	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall create a Data Availability Schedule (DAS) for EDOS based on FOS plans and schedules.
PLS-00656	11638	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall send a response message to Data Server upon receiving FOS plan and schedule, confirming the receiving of the data
PLS-00665	11639	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall notify the operations staff (via GUI), about the arrival of any Data Availability Schedule Notice corresponding to a DAS.
PLS-00700	11640	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall create a Candidate Plan specifying a timeline for PGE execution that will satisfy Production Requests for Reprocessing and On-Demand Data Products consistent with available and allocated processing resources.
PLS-00715	10194	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide a high-level, aggregate view of production plans.
PLS-00720	11641	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall create a Candidate Plan based on the data availability schedules for remote ECS sites, EDOS, the IPs, and ODCs, as needed.

PLS-00740	10834	<u>B</u> <u>B0</u>	functional	approved	demo	unverified	Support for parallel Planning and Data Processing capability to be provided for AIT Support for completely parallel operations and AIT testing not available until Rel. A.1.	The PLANG CI shall have the capability to schedule algorithm test Data Processing Requests that do not interfere with the operational production environment
PLS-00741	11642	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall be capable of separating AI&T activities from the operational production environment
PLS-00811	11643	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall reconcile any outstanding Data Processing Requests in the current Active Plan with the Data Processing Requests in the Candidate Plan to be activated.
PLS-00825	11644	<u>B</u> <u>B1</u>	functional	approved	demo	unverified		The PLANG CI shall have the capability to identify all available input data (as specified in the Active Plan) that is currently awaiting quality assurance information.
PLS-00827	11645	<u>B</u> <u>B1</u>	procedural	approved	demo	unverified		The PLANG CI shall update the quality assurance status of input data (if applicable) to reflect an expired QA timeout period if its quality assurance information has not been received within specified time periods.
PLS-00845	11646	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall support the capability to retrieve stored plans and their corresponding metadata from the Data Server based on specific queries.
PLS-00850	11647	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall have the capability to generate data availability schedules (and the corresponding metadata) that reflect the Data Products expected to be generated in the Production Plan.
PLS-00860	11648	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall send the data availability schedules and the corresponding metadata to the designated Data Server.
PLS-01040	10113	<u>B</u> <u>B1</u>	interface	approved	demo	<u>unverified</u>		The PLANG CI shall send the current processing status of Production Requests (for On-Demand Data Products) to the originating Data Server.
PLS-01210	11649	B	functional	approved	test	unverified		The PLANG CI shall provide the operations staff with the capability to perform the following on-line functions, via GUI: a. Entry/query/update/ cancellation of Production Requests for Reprocessing, b. Query/update/cancellation of Production Requests for On-Demand Data Products.
PLS-01230	11650	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall support the display (via GUI) of warning messages to the operations staff indicating revised completion times if processing will not complete per original schedule.

PLS-01460	9071	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall collect Accounting Manager Data and provide it to the MSS.
PLS-02000	11651	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to accept scheduling information on external events which affect processing resources and operations
PLS-02010	11652	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to identify scheduling conflicts in site production plans.
PLS-02020	11653	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide operations personnel priorities and planned execution times of jobs causing scheduling conflicts within and between DAACs.
PLS-02030	11654	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall identify conflicts in site production plans caused by cross-DAAC data dependencies.
PLS-02040	11655	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to display (via GUI) cross-DAAC data dependencies in production plans.
PLS-02050	11847	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide plans to PLANG CIs at other sites.
PLS-02060	11656	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to account for cross-DAAC data dependencies in the site production plans generated.
PLS-02070	11657	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to concurrently display information from multiple DAAC site production plans.
PLS-02200	10101	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall have the capability to extract temporal subsets from a production or resource plan and save them to a file.
PLS-02210	10195	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall have the capability to extract subsets of a production plan based on user selected Production Requests and save them to file.
PLS-02400	10116	<u>B</u> <u>B1</u>	functional	approved	inspection	<u>unverified</u>	This is a static list, provided at delivery.	The PLANG CI shall provide a list of replan events which will cause the user to be notified and given the option to replan.
PLS-02410	10117	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	The change in resource availability will be indicated by a new resource plan.	The PLANG CI shall consider the creation of a new resource plan to be a replan event if it changes the availability of hardware resources within a configurable amount of time in the future.
PLS-02420	10118	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	The intent is to allow the configurable parameters to be set for each individual ESDT.	The PLANG CI shall consider the arrival of a new Predicted Data Availability Schedule to be a replan event if it indicates a delay in the predicted arrival of data by more than a configurable (for that particular data type) amount of time.

PLS-02430	10119	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall consider the submission of an On-Demand Production Request to be a replan event the resource requirements exceed predefined threshold.
PLS-02440	10120	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	This requirement is intended to assist the planning of reprocessing requests and to support on-demand requests.	The PLANG CI shall have the capability of providing an estimate of the resource usage for a production request prior to the inclusion of that request in a production plan.
PLS-02500	10645	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Optional inputs allow the job to be run even if that input is unavailable (assuming all the other constraints have been met).	The PLANG CI shall be capable of planning data processing requests which have optional inputs.
PLS-02510	10646	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Alternate inputs allow a job to be run with any of a pre-defined, ordered set of possible inputs.	The PLANG CI shall be capable of planning data processing requests which specify alternates for input data sets which may be unavailable.
PLS-02520	10647	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall be capable of setting a timer for each alternate input data set which specifies how long wait for that data set before attempting to use the next alternate.
PLS-02530	10648	<u>B</u> <u>B0</u>	functional	approved	test	unverified	The intent is to provide the capability to run a PGE some subset of the number of times it is possible to be run. For example, it may be desired to have a PGE which works on a daily data set to run only every fifth day.	The PLANG CI shall be capable of planning a subset Data processing Requests (DPRs) that are generated from a Processing Request (PR) based upon a "keep" parameter and a "skip" parameter which establish a repeatable pattern of the DPRs to be run or not run.
PLS-02540	10649	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Provides a mechanism to produce orbit-based L1A products from L0 data.	The PLANG CI shall be capable of determining the temporal extent of input data sets required to produce data products based on the AM-1 spacecraft orbit.
PLS-03000	9965	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific applications shall access data only for the mode in which the application is configured.
PLS-03010	9966	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall include the mode identifier in activity log record entries for cost and accounting data.
PLS-03040	9967	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
PLS-03050	9968	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
PLS-03060	9969	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI server applications shall register within their mode-associated namespace in the CSS name service.

PLS-03070	9970	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI client applications shall incorporate a mode identifier for CSS name service lookups.
PLS-03080	9971	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be capable of using simulated time values supplied by CSS, when executing in a non-production mode.
PLS-03090	9972	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific executables and scripts shall accept a specific mode only at startup.

ABLE 2. Table 2 indicates the PLS Release B requirements that shall be allocated to Release B0 and modified in RTM to indicate the release range.

id	Req key	Rel	Req Type	Req Status	Verfic Method	Verfic Status	Clarification	Text
PLS-00405	11628	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall allow the conditions for executi of Product Generation Executives (PGEs) to include the values of metadata fields of input data.
PLS-00407	11629	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall maintain Product Generation Executives (PGEs) information necessary to support the production of tile or spatial-based output Granules
PLS-00445	11630	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall maintain multiple Production Strategies defined by sets of Production Rules to be used when preparing a Production Plan.
PLS-00455	11631	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall support the capability that allow the operations staff to update (enter/ modify/ delete) t Production Strategies (via GUI).
PLS-00604	11632	<u>B</u> <u>B0</u>	interface	approved	test	unverified		The PLANG CI shall receive advertisements from the IOS.
PLS-00740	10834	<u>B</u> <u>B0</u>	functional	approved	demo	unverified	Support for parallel Planning and Data Processing capability to be provided for AIT Support for completely parallel operations and AIT testing not available until Rel. A.1.	The PLANG CI shall have the capability to schedule algorithm test Data Processing Requests that do not interfere with the operational production environment
PLS-00741	11642	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall be capable of separating AI&T activities from the operational production environmen
PLS-00811	11643	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall reconcile any outstanding Data Processing Requests in the current Active Plan with tl Data Processing Requests in the Candidate Plan to be activated.
PLS-01230	11650	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall support the display (via GUI) o warning messages to the operations staff indicating revised completion times if processing will not complete per original schedule.
PLS-01460	9071	<u>B</u> <u>B0</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall collect Accounting Manager Data and provide it to the MSS.
PLS-02500	10645	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Optional inputs allow the job to be run even if that input is unavailable (assuming all the other constraints have been met).	The PLANG CI shall be capable of planning data processing requests which have optional inputs.

PLS-02510	10646	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Alternate inputs allow a job to be run with any of a pre-defined, ordered set of possible inputs.	The PLANG CI shall be capable of planning data processing requests which specify alternates for input data sets which may be unavailable.
PLS-02520	10647	<u>B</u> <u>B0</u>	functional	approved	test	unverified		The PLANG CI shall be capable of setting a timer for each alternate input data set which specifies how long wait for that data set before attempting to use the next alternate.
PLS-02530	10648	<u>B</u> <u>B0</u>	functional	approved	test	unverified	The intent is to provide the capability to run a PGE some subset of the number of times it is possible to be run. For example, it may be desired to have a PGE which works on a daily data set to run only every fifth day.	The PLANG CI shall be capable of planning a subset Data processing Requests (DPRs) that are generated from a Processing Request (PR) based upon a "keep" parameter and a "skip" parameter which establish a repeatable pattern of the DPRs to be run or not run.
PLS-02540	10649	<u>B</u> <u>B0</u>	functional	approved	test	unverified	Provides a mechanism to produce orbit-based L1A products from L0 data.	The PLANG CI shall be capable of determining the temporal extent of input data sets required to produce data products based on the AM-1 spacecraft orbit.
PLS-03000	9965	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific applications shall access d only for the mode in which the application is configured.
PLS-03010	9966	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall include the mode identifier in activity log record entries for cost and accounting data
PLS-03040	9967	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		PLANG CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
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PLS-03080	9971	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be capable of using simulated time values supplied by CSS, when executing in a no production mode.
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PLS-00170	11626	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall accept updates (modifications/cancellations) to Production Requests for On-Demand Data Products.
PLS-00190	11627	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall forward a response message to the Data Server indicating acceptance / rejection status of the updates to the Production Request for On-Demand Data Products .

PLS-00306	10175	<u>B</u> <u>B1</u>	interface	approved	demo	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to display site resources plan covering an operator specified time interval, in text report and timeline display format, to a resolution of one minute which describes the shared allocation of planned site resources to default activities and ground events.
PLS-00322	10180	<u>B</u> <u>B1</u>	functional	approved	demo	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capable capability of setting up dependencies between services and hardware resources.
PLS-00355	10187	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to generate reports providing a comparison of planned vs. actual resource usage.
PLS-00360	10188	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to provide site resource plans to PLANG CI's at other sites.
PLS-00365	10189	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to import saved site resource plans.
PLS-00370	10190	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall be able to save site resource plans to a file.
PLS-00375	10191	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	Shared allocation means a resource may be allocated to more than one event.	The PLANG CI shall provide the capability to initiate site ground event script associated with a resource request in the resource plan at the planned for time.
PLS-00380	10192	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall log the start time of ground events it executes.
PLS-00385	10193	<u>B</u> <u>B1</u>	functional	approved	test/ analysis	<u>unverified</u>		The PLANG CI shall log the end time of ground events it executes.
PLS-00457	9048	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI GUI shall conform to the guidelines version 5.1 of the ECS User Interface Style Guide.
PLS-00458	9049	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		To the extent possible, the PLANG CI COTS GUI shall be configured to conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.
PLS-00631	11633	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of Data Availability Schedules (DAS) for any remote ECS site, any IP, at any ODC that makes a Data Availability Schedules available.
PLS-00635	11634	<u>B</u> <u>B1</u>	interface	approved	test	<u>unverified</u>		The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of FOS plans and schedules

PLS-00651	11635	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall accept Data Availability Schedules (DAS), for remote ECS sites, IPs, and ODCs, based on the Data Availability Schedule Notice received.
PLS-00652	11636	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall support the capability to retrieve FOS plans and schedules from the Data Server.
PLS-00654	11637	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall create a Data Availability Schedule (DAS) for EDOS based on FOS plans and schedules.
PLS-00656	11638	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall send a response message to Data Server upon receiving FOS plan and schedule, confirming the receiving of the data
PLS-00665	11639	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall notify the operations staff (via GUI), about the arrival of any Data Availability Schedule Notice corresponding to a DAS.
PLS-00700	11640	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall create a Candidate Plan specifying a timeline for PGE execution that will satisfy Production Requests for Reprocessing and On-Demand Data Products consistent with available and allocated processing resources.
PLS-00715	10194	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide a high-level, aggregate view of production plans.
PLS-00720	11641	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall create a Candidate Plan based on the data availability schedules for remote ECS sites, EDOS, the IPs, and ODCs, as needed.
PLS-00825	11644	<u>B</u> <u>B1</u>	functional	approved	demo	unverified		The PLANG CI shall have the capability to identify all available input data (as specified in the Active Plan) that is currently awaiting quality assurance information.
PLS-00827	11645	<u>B</u> <u>B1</u>	procedural	approved	demo	unverified		The PLANG CI shall update the quality assurance status of input data (if applicable) to reflect an expired QA timeout period if its quality assurance information has not been received within specified time periods.
PLS-00845	11646	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall support the capability to retrieve stored plans and their corresponding metadata from the Data Server based on specific queries.
PLS-00850	11647	<u>B</u> <u>B1</u>	functional	approved	test	unverified		The PLANG CI shall have the capability to generate data availability schedules (and the corresponding metadata) that reflect the Data Products expected to be generated in the Production Plan.
PLS-00860	11648	<u>B</u> <u>B1</u>	interface	approved	test	unverified		The PLANG CI shall send the data availability schedules and the corresponding metadata to the designated Data Server.

PLS-01040	10113	<u>B</u> <u>B1</u>	interface	approved	demo	<u>unverified</u>		The PLANG CI shall send the current processing status of Production Requests (for On-Demand Data Products) to the originating Data Server.
PLS-02000	11651	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to accept scheduling information on external events which affect processing resources and operations
PLS-02010	11652	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to identify scheduling conflicts in site production plans.
PLS-02020	11653	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide operations personnel priorities and planned execution times of jobs causing scheduling conflicts within and between DAACs.
PLS-02030	11654	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall identify conflicts in site production plans caused by cross-DAAC data dependencies.
PLS-02040	11655	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to display (via GUI) cross-DAAC data dependencies in production plans.
PLS-02050	11847	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to provide plans to PLANG CIs at other sites.
PLS-02060	11656	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to account for cross-DAAC data dependencies in the site production plans generated.
PLS-02070	11657	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall be able to concurrently display information from multiple DAAC site production plans.
PLS-02200	10101	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall have the capability to extract temporal subsets from a production or resource plan and save them to a file.
PLS-02210	10195	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall have the capability to extract subsets of a production plan based on user selected Production Requests and save them to file.
PLS-02400	10116	<u>B</u> <u>B1</u>	functional	approved	inspection	<u>unverified</u>	This is a static list, provided at delivery.	The PLANG CI shall provide a list of replan events which will cause the user to be notified and given the option to replan.
PLS-02410	10117	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	The change in resource availability will be indicated by a new resource plan.	The PLANG CI shall consider the creation of a new resource plan to be a replan event if it changes the availability of hardware resources within a configurable amount of time in the future.
PLS-02420	10118	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	The intent is to allow the configurable parameters to be set for each individual ESDT.	The PLANG CI shall consider the arrival of a new Predicted Data Availability Schedule to be a replan event if it indicates a delay in the predicted arrival of data by more than a configurable (for that particular data type) amount of time.

PLS-02430	10119	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>		The PLANG CI shall consider the submission of an On-Demand Production Request to be a replan event the resource requirements exceed predefined threshold.
PLS-02440	10120	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>	This requirement is intended to assist the planning of reprocessing requests and to support on-demand requests.	The PLANG CI shall have the capability of providing an estimate of the resource usage for a production request prior to the inclusion of that request in a production plan.