

Table 1. CLS L4s Re- Binning .

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	clarification	text
S-CLS-10460	8131	B0 B1	functional	incremental	test demo	unverified		The WKBCH CI shall provide users Lat/Long lists for the production of built-in vector overlays as part of the application.
S-CLS-10870	8153	B0 B1	functional	incremental	test demo	unverified		The WKBCH CI shall provide users the capability to display data acquisition plans and schedules.
S-CLS-10882	9598	B0 B1	functional	<u>incremental</u>	test demo	unverified		The WKBCH CI shall provide users the capability to display climatology information.
S-CLS-10884	9605	B0 B1	functional	<u>incremental</u>	test demo	unverified		The WKBCH CI shall provide users the capability to display geographic reference aids.
S-CLS-10970	8158	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed on-line.
S-CLS-11010	8161	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall automatically provide the capability to confirm or reject a Data Request.
S-CLS-11285	8187	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to create documents in HTML format.
S-CLS-11290	12423	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide a capability to translate user input Search Criteria into ECS internal query language.
S-CLS-12540	8194	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall support multiple concurrent user sessions.
S-CLS-12550	8195	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall support multiple concurrent Service Requests.
S-CLS-12700	8202	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to obtain information about all their user sessions.
S-CLS-12930	9590	B0 B1	functional	incremental	demo	unverified		The Expert level of interaction shall provide direct information input with no automatically supplied help.
S-CLS-12940	9591	B0 B1	functional	incremental	demo	unverified		The WKBCH CI shall provide an option for Intermediate level of user interaction.
S-CLS-12960	9588	B0 B1	functional	incremental	demo	unverified		The WKBCH CI shall provide a Novice level of user interaction.
S-CLS-13060	8219	B0 B1	functional	incremental	test demo	unverified		The WKBCH CI shall provide the user the capability to view the service availability status of all ECS services.

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S-CLS-13460	8234	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to create a Session Profile for each user session. The Session Profile shall be able to contain any of the parameters which are in the User Profile and which may apply as defaults to ECS Service Requests.
S-CLS-13550	8243	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to search Production History on any combination of Production History Metadata attributes.
S-CLS-13590	8246	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to graphically view the temporal extent of Data Granules.
S-CLS-13930	8276	B0 B1	functional	incremental	test <u>inspection</u>	unverified		The WKBCH CI shall be expandable to make accessible to authorized users the current data acquisition schedules and plans for U.S. instruments on foreign spacecraft for the IP Information Management System or an equivalent IP facility.
S-CLS-14000	8282	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide a user interface that indicates changes in status of an iconified window (e.g., additional results inserted into window).
S-CLS-14010	8283	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall prompt the user to save his/her edits when the user quits the editing of workbench objects (e.g., a Result Set or a Guide document), if there are any unsaved edits.
S-CLS-14030	10222	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to retrieve any previously saved Product Request parameters into a new Product Request, edit the parameters, save the modified parameters, and/or submit the new Product Request.
S-CLS-14460	8296	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall make spacecraft schedules accessible to authorized users on request.
S-CLS-14470	8297	B0 B1	functional	incremental	test <u>demo</u>	unverified		The WKBCH CI shall display spacecraft schedules as timelines.
S-CLS-14520	8302	B0 B1	functional	incremental	test <u>demo</u>	unverified		For WKBCH CI screens requiring user input, optional fields shall be distinguished from mandatory fields.
S-CLS-14580	8307	B0 B1	functional	incremental	test	unverified		The WKBCH CI shall provide users a consistent view of data dictionary entries based on the value given for an attribute.
S-CLS-8310		B0	interface	incremental	test	unverified		The WKBCH CI shall be capable of receiving data

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15660		<u>B1</u>						products electronically.
S-CLS-15970	8329	B0 <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall be able to accept and display Notifications of events associated with subscriptions.
S-CLS-15980	8330	B0 <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall provide a capability for users to submit software and related documents.

Table 2. CLS L4s Re-Binning and modifications.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	clarification	text
S-CLS-10200	8121	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall provide users the capability to search and view a product's processing history.
S-CLS-10470	8132	<u>B0</u> <u>B1</u>	functional	incremental	test <u>demo</u>	unverified		The WKBCH CI shall provide users the capability to display browse information <u>ECS HDF-EOS formatted data</u> in vector graphic format.
S-CLS-10480	8133	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall provide the capability of displaying ECS supported visualization data generating and displaying ECS HDF-EOS formatted data as a series of lineplots.
S-CLS-10490	8134	<u>B0</u> <u>B1</u>	functional	incremental	test <u>demo</u>	unverified		The WKBCH CI shall provide the capability of displaying a horizontal or vertical profile through a <u>pseudo-color image</u> .
S-CLS-10500	8135	<u>B0</u> <u>B1</u>	functional	incremental	test <u>demo</u>	unverified		The WKBCH CI shall provide the capability of displaying multi-dimensional arrays of data as a series of two-dimensional <u>pseudo-color images</u> .
S-CLS-10980	8159	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed off-line (i.e., media).
S-CLS-11060	8166	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall provide science users the capability to obtain and <u>display</u> Distribution Request Status for user-initiated Distribution Requests.
S-CLS-11100	9562	<u>B0</u> <u>B1</u>	interface	incremental	test	unverified		The WKBCH CI shall accept from the users, user feedback information, on product data quality assessment and output it to the DAAC originating the data.
S-CLS-11110	8170	<u>B0</u> <u>B1</u>	interface	incremental	test	unverified		The WKBCH CI shall accept from the users, user feedback information, on schedule performance assessment and output it to the SMC.
S-CLS-11120	8171	<u>B0</u> <u>B1</u>	interface	incremental	test	unverified		The WKBCH CI shall accept from the users, user feedback information, on ECS service quality evaluation and output it to the SMC.
S-CLS-12920	9589	<u>B0</u> <u>B1</u>	functional	incremental	demo	unverified		The WKBCH CI shall provide an option for <u>an</u> Expert level of user interaction.
S-CLS-13470	8235	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The <u>WKBCH CI user interface</u> shall employ the defaults specified in the Session <u>MSS user</u> Profile to assist the

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								user in the formulation of a new request in the context of a user session (e.g., by displaying them as default values in the respective input fields).
S-CLS-13510	8239	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to retrieve saved Search Results, delete items from the Search Result, and save the modified result.
S-CLS-13520	8240	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to save selected portions of a Search Result.
S-CLS-13530	8241	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to combine Search Results.
S-CLS-13540	10219	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to select Data Granules from multiple saved Search Results and submit a single Product Request for these Data Granules.
S-CLS-13580	8245	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability to graphically represent data availability for products(s) product(s) vs. time.</u>
S-CLS-13730	8257	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to request an update of the status of a previously submitted Search Request.
S-CLS-13740	8258	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability</u> Users shall be able to request that the workbench poll the status of a Search Request at a user selectable time interval.
S-CLS-13950	8278	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide the user the capability to view the Data Requests recorded in the User Session Log Logs.</u>
S-CLS-13960	8279	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide the user the capability to view the DARs recorded in the User Session Log Logs.</u>
S-CLS-13990	9551	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide users the capability to view the resulting selection area on a map when a lat/lon/long selection is typed in for a search.</u>
S-CLS-14200	8286	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide the capability to retrieve User Comments based on author, subject, and date/time.</u>

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S-CLS-14230	8287	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The DESKT CI <u>WKBCH CI</u> shall provide the capability for a user to issue a Distribution Status Request for a previously submitted Distribution Request and receive Distribution Request Status as a result.
S-CLS-14480	10223	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall synchronize time-related</u> Time-related data for a Search Request shall be <u>synchronized</u> so that selection of a time range on a Search Request timeline tool will be translated into date/time ranges in a Search Request submission window.
S-CLS-14490	10224	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall synchronize time-related</u> Time-related data for a Search Request shall be <u>synchronized</u> so that a date/time range typed in a Search Request window will be graphically displayed as a blocked out time range on a Search Request timeline window.
S-CLS-14510	10226	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall synchronize geographic</u> Geographic selection criteria for a Search shall be <u>synchronized</u> so that typed lat/lon coordinates in a Search Request submission window will be graphically displayed as a blocked out area on a Search Request map display.
S-CLS-14590	8308	<u>B0</u> <u>B1</u>	functional	incremental	test	unverified		The WKBCH CI shall have the capability to send to the Data Dictionary CI, data dictionary information requests, consisting of any combination of the following: Earth Science Data <u>Data Collection Types, Core Metadata attributes, and Product Specific Metadata.</u>
S-CLS-14600	8309	<u>B0</u> <u>B1</u>	interface	incremental	test	unverified		The WKBCH CI shall have the capability to receive from the Data Dictionary CI, <u>data dictionary information consisting of any combination of the following : Data Collection Types, Core Metadata attributes, and Product Specific Metadata.</u>
S-CLS-15830	10227	<u>B</u> <u>B0</u>	functional	incremental	test	unverified		<u>The WKBCH CI shall provide the capability for the users to compose</u> Data Distribution Instructions for Product Requests shall that contain requester identification, data type, data set identifier, data formats, <u>and distribution and media instructions, request priority,</u>

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								suggested earliest start time, and suggested latest completion time.