Table 1a. CLS L4 Modification and Release changes

L4	Key	Rel	req_type	req-status	v_method	v_status	Text	clarification
S-CLS-13830	8267	~~B0~~ B1	functional	incremental	test	unverified	The WKBCH CI shall make ASTER data acquisition schedules and plans accessible to authorized users on request.	
S-CLS-13840	8268	~~B0~~ B1	functional	incremental	test	unverified	The WKBCH CI shall display data acquisition schedules as timelines.	
S-CLS-13860	9578	~~B0~~ B1	functional	incremental	test	unverified	The WKBCH CI shall provide EOS-AM spacecraft location projections and ground tracks for all spacecraft instruments as a reference aid to the creation of ASTER Data Acquisition Requests	
S-CLS-13870	8271	B0	functional	incremental	test	unverified	The WKBCH CI shall provide visualizations of a single view swath for the ASTER instruments, based on user selection, as a reference aid to the creation of spatial coordinates for a DAR. ~~ASTER instrument nominal view swaths and non-nominal view swaths based on user supplied angle as a reference aid to the creation of ASTER DARs.~~	

Table 1b. CLS L4 Requirement Deletion.

L4	Key	Rel	req_type	req-status	v_method	v_status	Text	clarification
~~S-CLS-13920~~	8275	B0	~~functional~~	~~incremental~~	~~test~~	~~unverified~~	~~The WKBCH CI shall provide DAR Disposition in response to the submittal of a DAR. This may be e-mail notification.~~	

Table 2 - New CLS L4 Requirements.

L4	Key	Req_type	Rel	req-status	v_method	v_status	Text	clarification
S-CLS-19101	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to create and edit an ASTER DAR with parameters identified in the ECS to ASTER GDS ICD.	
S-CLS-19102	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability for users to interactively set observation timing parameters via a GUI or by keyboard entry on a forms-based screen.	
S-CLS-19103	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability for users to specify single or multiple observations on the timing display DART temporal GUI.	
S-CLS-19104	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to receive DAR IDs (or xAR IDs in the case of ASTER queries) from the ASTER GDS (via CSS) and incorporate the IDs as parameters in their associated ASTER DARs.	
S-CLS-19109	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability of dynamically updating the observation timing representation on the temporal graphical and textual GUI simultaneously.	
S-CLS-19110	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall validate DAR parameters' values to ensure conformance with ECS to ASTER GDS ICD and to ensure DAR parameter values are within allowable ranges/settings (e.g., no invalid entry).	
S-CLS-19116	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall provide a GUI interface with pick lists for all enumerated DAR data types.	
S-CLS-19117	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to store DAR configuration parameters on the user's local storage and permit users to restore these saved parameters on demand.	
S-CLS-19121	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall provide the capability to set specific observation times in a manner that precludes the entry of the following temporal parameters: xAR Lifetime end-date/time, acquisition window duration, and repeat interval duration.	
S-CLS-19123	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall allow user control of the DART temporal GUI display timeline scale.	
S-CLS-19124	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall provide the capability for the user to interactively select the instrument mode, gain settings, and bands.	
S-CLS-19125	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability (in a manner that is meaningful and tailorable by the user) to save, delete, move, and copy locally stored DAR configuration parameters.	
S-CLS-19128	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART submission screens requiring user input shall distinguish optional fields from mandatory fields.	

L4	Key	Req_type	Rel	req-status	v_method	v_status	Text	clarification
S-CLS-19129	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to verify user access privilege and to obtain a User ID on determination of a valid access privilege at each launch of the DART.	
S-CLS-19132	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to provide a resource estimate of the total area coverage of a specific Area of Interest (AOI) for a DAR.	
S-CLS-19158	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall provide synchronous submission of complete DARs to the ASTER GDS (via the DAR Comm Gateway) which are correct in format and syntax.	
S-CLS-19160	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to prevent the entry of invalid timing parameters into the GUI.	
S-CLS-19163	new	functional	B0	incremental	demo	unverified	The WKBCH CI DART shall have the capability to wait for the receipt of a return code from the ASTER GDS containing either a DAR ID or an error code.	

Table 3 - RbR to L4 Linkage Additions

RbR_id	L4_id
ASTER-0100#B	S-CLS-19116
ASTER-0100#B	S-CLS-19117
ASTER-0100#B	S-CLS-19121
ASTER-0100#B	S-CLS-19123
ASTER-0100#B	S-CLS-19125
ASTER-0100#B	S-CLS-19128
ASTER-0100#B	S-CLS-19132
ASTER-0110#B	S-CLS-19101
ASTER-0110#B	S-CLS-19102
ASTER-0110#B	S-CLS-19103
ASTER-0110#B	S-CLS-19104
ASTER-0110#B	S-CLS-19109
ASTER-0110#B	S-CLS-19110
ASTER-0110#B	S-CLS-19124
ASTER-0120#B	S-CLS-19158
ASTER-0120#B	S-CLS-19163
ASTER-0140#B	S-CLS-19101
IMS-0100#B	S-CLS-19109
IMS-0120#B	S-CLS-19110
IMS-0120#B	S-CLS-19116
IMS-0120#B	S-CLS-19117
IMS-0120#B	S-CLS-19124
IMS-0130#B	S-CLS-19129
IMS-1070#B	S-CLS-19102
IMS-1070#B	S-CLS-19103
IMS-1070#B	S-CLS-19104
IMS-1070#B	S-CLS-19109
IMS-1070#B	S-CLS-19110
IMS-1070#B	S-CLS-19116
IMS-1070#B	S-CLS-19117
IMS-1070#B	S-CLS-19124
IMS-1070#B	S-CLS-19158
IMS-1070#B	S-CLS-19160

RbR_id	L4_id
IMS-1070#B	S-CLS-19123
IMS-1072#B	S-CLS-19104
IMS-1080#B	S-CLS-19103
IMS-1080#B	S-CLS-19121
IMS-1090#B	S-CLS-19117
IMS-1090#B	S-CLS-19158
IMS-1180#B	S-CLS-19160
IMS-1180#B	S-CLS-19110
IMS-1190#B	S-CLS-19160
IMS-1190#B	S-CLS-19110
IMS-1195#B	S-CLS-19160
IMS-1195#B	S-CLS-19110