

Table I. ASTER, EOSD, IMS, SDPS, AND DADS To DMS (New) Level 4 Requirement Additions.

<u>L4 id</u>	<u>req_key</u>	<u>rel</u>	<u>req_type</u>	<u>req_status</u>	<u>ver_method</u>	<u>ver_status</u>	<u>text</u>
<u>S-DMS-40060</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall establish sessions as the context for a series of service requests.</u>
<u>S-DMS-40070</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall suspend an on-going session.</u>
<u>S-DMS-40080</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall resume a previously suspended session.</u>
<u>S-DMS-40090</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall terminate an established session.</u>
<u>S-DMS-40112</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall execute a search on the result set of a previously completed metadata search.</u>
<u>S-DMS-40120</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.</u>
<u>S-DMS-40130</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall terminate processing of active or suspended service requests.</u>
<u>S-DMS-40140</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall suspend processing of active service requests.</u>
<u>S-DMS-40150</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall resume processing of a previously suspended service request.</u>
<u>S-DMS-40260</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall report the status of its active service requests.</u>
<u>S-DMS-40310</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Inventory Search Requests to the ASTER GDS using ASTER GDS system protocols.</u>

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<u>S-DMS-40315</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Inventory Search Results from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40320</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Inventory Search Requests from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40325</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Inventory Search Results to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40340</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Browse Requests to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40345</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Browse Results from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40350</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Product Requests to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40355</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Product Requests results from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40360</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Price Estimate Requests to the ASTER GDS using ASTER GDS system protocols.</u>

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<u>S-DMS-40370</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Price Estimates from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40375</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Product status Requests to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40380</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Product status from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40390</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Product Cancel Requests to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40400</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Product Cancel Responses from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40410</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Price Estimate Requests from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40420</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Price Estimates to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40435</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Product status Requests from the ASTER GDS using ASTER GDS system protocols.</u>

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<u>S-DMS-40440</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Product status to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40450</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Product Cancel Requests from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40460</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Product Cancel Results to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40470</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Browse Requests from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40480</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Browse Results to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40490</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall receive Directory Search Requests from the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40500</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send Directory search Results to the ASTER GDS using ASTER GDS system protocols.</u>
<u>S-DMS-40550</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall translate ECS system protocols into ASTER GDS system protocols.</u>
<u>S-DMS-40760</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide partial results,</u>

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							<u>upon request, which consist of the results from the start of the request or since the last request for results.</u>
<u>S-DMS-40800</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall be able to provide notification of events associated with sessions which require additional instructions, e.g., when requests exceed a specified threshold.</u>
<u>S-DMS-40805</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall be able to provide notification of events associated with Service requests which require additional instructions, e.g., when resources for a request exceed a specified threshold.</u>
<u>S-DMS-40820</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide status of asynchronous service requests to its clients.</u>
<u>S-DMS-40840</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall be able to accept notifications of events associated with sessions it has with other services.</u>
<u>S-DMS-40845</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall be able to accept notifications of events associated with Service requests it issued to other services.</u>
<u>S-DMS-40850</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall accept instructions associated with responses to notifications of events.</u>
<u>S-DMS-</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall</u>

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40860							<u>report the status of its sessions.</u>
<u>S-DMS-40870</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall automatically suspend sessions that have been inactive for a specified time.</u>
<u>S-DMS-40890</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall support multiple concurrent sessions.</u>
<u>S-DMS-40900</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall support multiple service requests within a session.</u>
<u>S-DMS-40910</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the initiation of a session.</u>
<u>S-DMS-40920</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the termination of a session.</u>
<u>S-DMS-40930</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the suspension of a session.</u>
<u>S-DMS-40940</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the resumption of a previously suspended session.</u>
<u>S-DMS-40950</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability to manually (via the operations staff) specify a "time-out" period for inactive sessions.</u>
<u>S-DMS-40960</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability to manually (via the operations staff) suspend all active sessions.</u>
<u>S-DMS-40970</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability to manually (via the operations staff) resume any or all sessions previously suspended by</u>

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							<u>operations staff or clients.</u>
<u>S-DMS-40980</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability for the operations staff to manually terminate any or all active or suspended sessions.</u>
<u>S-DMS-40990</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability to manually (via the operations staff) send Notifications to users, via email, in the event that a user's request or session is canceled by operations staff.</u>
<u>S-DMS-41000</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide the capability to restore a session after interruption.</u>
<u>S-DMS-41011</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log the startup of the ASTGW servers.</u>
<u>S-DMS-41012</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log the shutdown of the ASTGW servers.</u>
<u>S-DMS-41013</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when a service request is activated from the queue.</u>
<u>S-DMS-41014</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when a service request has been successfully decomposed into its component requests.</u>
<u>S-DMS-41015</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when an external connection to the ASTER GDS server has been established.</u>

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<u>S-DMS-41016</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when the component service request has been submitted to the ASTER GDS server.</u>
<u>S-DMS-41017</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when the results to the ASTER GDS server have been successfully returned.</u>
<u>S-DMS-41018</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall, for MSS, log when the results of the request have been integrated and status is sent to the client program.</u>
<u>S-DMS-41020</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the suspension of processing of Service requests.</u>
<u>S-DMS-41030</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the resumption of previously suspended Service requests.</u>
<u>S-DMS-41040</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall accept notifications of new data collections.</u>
<u>S-DMS-41042</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall notify DDICT of new collections for which it is the information manager.</u>
<u>S-DMS-41051</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall send detected hardware and software fault information to MSS.</u>
<u>S-DMS-41052</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide configuration management data (such as software versions) to MSS using managed process framework.</u>
<u>S-DMS-</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall</u>

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<u>41053</u>							<u>collect Performance Management Data using MSS managed object components and provide it to MSS at configurable intervals and on demand.</u>
<u>S-DMS-41054</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall collect Security Management Data (such as rejected access to a service) and provide it to MSS.</u>
<u>S-DMS-41055</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall report Accountability Management Data (searches, browse requests, orders) to MSS.</u>
<u>S-DMS-41056</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall support MSS in collecting Accounting Management Data by supplying resource utilization data.</u>
<u>S-DMS-42020</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI mode-specific applications shall access data only for the mode in which the application is configured.</u>
<u>S-DMS-42021</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall include the mode identifier in activity log record entries for cost and accounting data.</u>
<u>S-DMS-42024</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.</u>
<u>S-DMS-42025</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI mode-specific applications shall be capable of simultaneous execution</u>

Table I. ASTER, EOSD, IMS, SDPS, AND DADS To DMS (New) Level 4 Requirement Additions.

<u>L4 id</u>	<u>req_key</u>	<u>rel</u>	<u>req_type</u>	<u>req_status</u>	<u>ver_method</u>	<u>ver_status</u>	<u>text</u>
							<u>in different modes on different machines.</u>
<u>S-DMS-42026</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI server applications shall register within their mode-associated namespace in the CSS name service.</u>
<u>S-DMS-42027</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI client applications shall incorporate a mode identifier for CSS name service lookups.</u>
<u>S-DMS-42028</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall be capable of using simulated time values supplied by CSS when executing in a non-production mode.</u>
<u>S-DMS-42029</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI mode-specific executables and scripts shall accept a specific mode only at startup.</u>
<u>S-DMS-42040</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>For search requests on ASTER data, the ASTGW CI shall create a UR for each granule in the returned result set.</u>
<u>S-DMS-42050</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall retain search results until the session in which the results were obtained is terminated, or a specified time limit is reached.</u>
<u>S-DMS-42060</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall use retained search results to process granule specific service requests such as browse and inspect.</u>
<u>S-DMS-42070</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall require authentication of ASTER GDS users</u>

Table I. ASTER, EOSD, IMS, SDPS, AND DADS To DMS (New) Level 4 Requirement Additions.

<u>L4 id</u>	<u>req_key</u>	<u>rel</u>	<u>req_type</u>	<u>req_status</u>	<u>ver_method</u>	<u>ver_status</u>	<u>text</u>
							<u>before providing access to ECS.</u>
<u>S-DMS-42080</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide authentication information to the ASTER GDS for ECS users requesting access to the ASTER GDS.</u>
<u>S-DMS-42100</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall provide for the submission of Service Requests using ECS protocols.</u>
<u>S-DMS-42110</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall allow the ASTER GDS to obtain data and services from IPs and ADCs</u>
<u>S-DMS-42130</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall request user profile information from the MSS based on the authenticator information.</u>
<u>S-DMS-42140</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall log the user into ECS using user profile information obtained from MSS.</u>
<u>S-DMS-42150</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall forward to the appropriate LIM or Data Server the Product Request and Product Request Priority for processing and distribution.</u>
<u>S-DMS-42160</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall accept, in the ASTER GDS processing options, instructions to provide production history information and the</u>

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<u>L4 id</u>	<u>req_key</u>	<u>rel</u>	<u>req_type</u>	<u>req_status</u>	<u>ver_method</u>	<u>ver_status</u>	<u>text</u>
							<u>ancillary input data associated with a granule, for the granules listed in the ASTER GDS request.</u>
<u>S-DMS-42170</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall translate requests for production history information and ancillary input data into corresponding orders for production history and ancillary data, ensuring that no duplicate history files and ancillary granules are being ordered, and provide orders to the appropriate LIM or Data Server.</u>
<u>S-DMS-42180</u>	<u>NEW</u>	<u>B1</u>	<u>interface</u>	<u>incremental</u>	<u>test</u>	<u>unverified</u>	<u>The ASTGW CI shall submit orders for production history and ancillary data to the appropriate LIM or Data Server</u>