

Table 1: Rel A DMS L4 to RBR
DMS L4 to design Requirement update using baseline 07-31-96
This table identifies the relationship between Level_4 and RBR
This table is for review purposes only.

RBR ID	REQ KEY	REQ TYPE	RBR TEXT	REQ INTERP	L4 ID	REQ KEY	REQ TYPE	REL	VER METH	L4 TEXT
IMS-0010#B	4917	functional	The IMS shall be capable of providing 24 hour per day, 7 day per week access to the ECS services.		S-DMS-30100	9558	functional	A		The GTWAY CI shall be available 24 hours a day, 7 days a week within the constraints of the RMA requirements.
IMS-0010#A	6156	functional	The IMS shall be capable of providing 24 hour per day, 7 day per week access to the ECS services.							
IMS-0625#B	5181	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	B: Full capability	S-DMS-30360	3142	functional	A	demo	The GTWAY CI shall have the capability to receive Inventory Search Requests from the Version 0 <u>IMS ECS Client</u> using Version 0 system protocols.
IMS-0625#A	5520	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	A: V0 2-way interoperability						

V0-0150#A	3068	interface	ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.							
V0-0150#B	3069	interface	ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.							
V0-0160#A	3070	interface	ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Results via V0 protocols.		S-DMS-30370	3143	functional	A	demo	The GTWAY CI shall have the capability to send Inventory Search Results to the Version 0 IMS <u>ECS Client</u> using Version 0 system protocols..
V0-0160#B	3071	interface	ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Results via V0 protocols.							
IMS-0625#B	5181	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	B: Full capability						
IMS-0625#A	5520	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	A: V0 2-way interoperability						

IMS-0625#B	5181	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	B: Full capability	S-DMS-30380	3144	functional	A	demo	The GTWAY CI shall have the capability to receive Browse Requests from the Version 0 IMS ECS Client using Version 0 system protocols.
IMS-0625#A	5520	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	A: V0 2-way interoperability						
V0-0190#A	3076	interface	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							
V0-0190#B	3077	interface	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							
V0-0230#A	3080	interface	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.		S-DMS-30400	3145	functional	A	demo	The GTWAY CI shall have the capability to receive Product Requests from the Version 0 IMS ECS Client using Version 0 system protocols.
V0-0230#B	3081	interface	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.							

IMS-0625#B	5181	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	B: Full capability						
IMS-0625#A	5520	interface	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	A: V0 2-way interoperability						
EOSD5020#B	3933	evolvable			S-DMS-60180	3209	function	A	demo <u>inspection</u>	The DMGHW CI POSIX.2 compliant platform shall have installed one or more development environment supporting the following languages: a. C b. FORTRAN-77
EOSD5020#A	5172	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.							

EOSD5020# A	5172	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.		S-DMS-60190	3211	function	A	demo <u>inspect</u> <u>ion</u>	Each development environment associated with the POSIX.2 compliant platform in the DMGHW CI shall have the capability to compile and link strictly conformant POSIX-compliant source code.
EOSD5020# B	3933	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.							
EOSD5020# B	3933	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.		S-DMS-60195	3210	function	A	demo <u>inspect</u> <u>ion</u>	Each development environment associated with the POSIX.2 compliant platform in the DMGHW CI shall have an interactive source level debugger for ECS supported languages.
EOSD5020# A	5172	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.							

EOSD5020# A	5172	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.		S-DMS-60110	3202	standards	A	demo_ <u>inspectio</u> <u>n</u>	The operating system for each Unix platform in the DMGHW CI shall conform to the POSIX.2 standard.
EOSD5020# B	3933	evolvable	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30384</u>	<u>new</u>	<u>functional</u>	<u>A</u>		<u>The GTWAY CI shall have the capability to process V0 Browse Requests.</u>
V0-0190#A	3076		V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [mplementation issue 2].							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30388</u>	<u>new</u>	<u>interface</u>	<u>A</u>		<u>The GTWAY CI shall have the capability to send Browse Search Results to the ECS Client using Version 0 system protocols.</u>

V0-0190#A	3076		V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30368</u>	new	functional	A		<u>The GTWAY CI shall have the capability to process V0 Inventory Search Requests.</u>
V00150#A	3068		ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30361</u>	new	interface	A		<u>The GTWAY CI shall have the capability to send Directory Search Requests to the ECS Client using Version 0 system protocols</u>
V0-0190#A	3076		V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30365</u>	new	interface	A		<u>The GTWAY CI shall have the capability to receive Directory Search Results from the ECS Client using Version 0 system protocols</u>
V0-0190#A	3076		V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							

IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30369</u>	new	functional	A		<u>The GTWAY CI shall have the capability to process V0 Directory Search Requests</u>
V0-0230#A	3076		V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30404</u>	new	functional	A		<u>The GTWAY CI shall have the capability to process V0 Product Requests.</u>
V0-0230#A	3080		The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.							
IMS-0625#A	5520		The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.		<u>S-DMS-30408</u>	new	interface	A		<u>The GTWAY CI shall have the capability to send Product Request acknowledgements to the ECS Client using Version 0 system protocols.</u>
V0-0230#A	3080		The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.							

EOSD5020# B	3933	ECS software, hardware, and interfaces shall enable transparent portability across heterogeneous site architectures, i.e. performing the same function at different ECS sites that may have different hardware implementations.		S-DMS-30510	3180	functional	A B		The GTWAY CI shall provide an application program interface for the submission of requests for administrative services.
SMC-8841#A	4375	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		<u>S-DMS-31045</u>	<u>new</u>	<u>functional</u>	<u>A</u>		<u>The GTWAY CI shall store statistics received from the ECS Client.</u>