

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_status	a_verif_method	a_verif_status	text	interpretation text	clarification
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Table 3: Modifications to the RBR Class for V0 and NI RBRs  
RTM Baseline 3/14/97  
CCR# 97-0352/A

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_status	a_verif_method	a_verif_status	text	interpretation text	clarification
V0-0010#B	8539	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall provide two way interoperability to the EO <del>SDIS</del> V0 system IMS via Level 3 interoperability.		
V0-0020#B	8541	mission essential	CSMS	interface   security	test	un-verified	test	un-verified	EO <del>SDIS</del> V0 IMS shall have the capability to send and ECS shall have the capability to receive User Authentication Requests [implementation issue 1].	The V0 protocol embeds user authentication in each request. There is no separate authentication request by ECS.	Reference IRD between EO <del>SDIS</del> Project & V0 System (505-41-11, Appendix B) for implementation the issue description.

V0-0030#B	8544	<del>N/A procedural mission essential</del>	<del>N/A procedural CSMS</del>	<del>procedural interface + security</del>	<del>not verified by ECS test</del>	<del>N/A procedural un-verified</del>	<del>not verified by ECS test</del>	<del>N/A procedural un-verified</del>	The ECS shall have the capability to send and EO <del>SDIS</del> V0	<del>This RBR is no longer applicable per the current V0/ECS ICD.</del>	Reference IRD between EO <del>SDIS</del> Project & V0 System (505-41-11,
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									IMS shall have the capability to receive ECS User Authentication Information [implementation on issue 1].		Appendix B) for implementation in the issue description.
V0-0040#B	8546	mission essential	CSMS	interface security	test	un-verified	test	un-verified	The ECS shall have the capability to send and EOSDIS V0 IMS shall have the capability to receive V0 User Authentication Requests [implementation on issue 1].	The V0 protocol embeds user authentication in each request. There is no separate authentication request by ECS.	Reference IRD between EOSDIS Project & V0 System (505-41-11, Appendix B) for implementation in the issue description.
V0-0050#B	8549	<del>N/A procedural mission essential</del>	<del>N/A procedural CSMS</del>	<del>procedural interface security</del>	<del>not verified by ECS test</del>	<del>N/A procedural un-verified</del>	<del>not verified by ECS test</del>	<del>N/A procedural un-verified</del>	EOSDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive V0 User Authentication Information [implementation on issue 1].	<del>This RBR is no longer applicable per the current V0/ECS ICD.</del>	Reference IRD between EOSDIS Project & V0 System (505-41-11, Appendix B) for implementation in the issue description.

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V0-0055#B	8550	mission essential	CSMS	interface	inspection test	un-verified	inspection test	un-verified	Version 0 shall permit ECS to use agreed upon Version 0 network components and services, per Ebnet Transition Plan.	Implies ECS connectivity with V0.	
V0-0060#B	8551	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and E <del>Q</del> SDIS V0 IMS shall have the capability to receive Inventory Search Requests via V0 protocols.		
V0-0070#B	8552	mission essential	SDPS	interface	test	un-verified	test	un-verified	The E <del>Q</del> SDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0 protocols.		

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V0-0080#B	8554	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and the EOSDIS V0 IMS shall have the capability to receive Guide Search Requests via V0 protocols.		
V0-0090#B	8555	mission essential	SDPS	interface	test	un-verified	test	un-verified	The EOSDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Guide Search Results via V0 protocols.		
V0-0100#B	8556	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and the EOSDIS V0 IMS shall have the capability to receive Browse Requests via V0 protocols.		

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V0-0110#B	8557	mission essential	SDPS	interface	test	un-verified	test	un-verified	The EO <sup>Q</sup> SDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive and Browse Results via V0 protocols.		
V0-0120#B	8558	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and EO <sup>Q</sup> SDIS V0 IMS shall have the capability to receive Product Requests via V0 protocols.		
V0-0150#B	8561	mission essential	SDPS	interface	test	un-verified	test	un-verified	EO <sup>Q</sup> SDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.		

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V0-0160#B	8562	mission essential	SDPS	interface	test	un-verified	test	un-verified	ECS shall have the capability to send and E <del>OSDIS</del> V0 IMS shall have the capability to receive Inventory Search Results via V0 protocols.		
V0-0170#B	8564	mission essential	SDPS	interface	test	un-verified	test	un-verified	<del>E</del> OSDIS V0 <del>ESDIS</del> IMS shall have the capability to send and ECS shall have the capability to receive Guide Search Requests [implementati on issue 2].		<b>B.1 Functionality</b>  Reference IRD between EOSDIS Project and V0 System (505-41-11, Appendix B) for implementation in the issue description.
V0-0180#B	8567	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and V0 E <del>OSDIS</del> IMS shall have the capability to receive Guide Search Results [implementati		Reference IRD between EOSDIS Project and V0 System (505-41-11, Appendix B) for implementation in the issue description.

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V0-0190#B	8610	mission essential	SDPS	interface	test	un-verified	test	un-verified	on issue 2]. V0 E <del>Q</del> SDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementati on issue 2].		Reference IRD between E <del>Q</del> SDIS Project and V0 System (505-41-11, Appendix B) for implementation the issue description.
V0-0200#B	8570	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and V0 E <del>Q</del> SDIS IMS shall have the capability to receive Browse Results [implementati on issue 2].		Reference IRD between E <del>Q</del> SDIS Project and V0 System (505-41-11, Appendix B) for implementation the issue description.
V0-0230#B	8572	mission essential	SDPS	interface	test	un-verified	test	un-verified	The E <del>Q</del> SDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product		

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									Requests via V0 protocols.		
V0-0240#B	8592	mission essential	SDPS	interface	test	un-verified	test	un-verified	ECS and Version 0 shall exchange pricing information, as necessary.		<a href="#">This is B.1 functionality.</a>
V0-0260#B	8594	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 IMS shall have the capability to send and ECS shall have the capability to receive Migration Metadata.	<a href="#">This requirement pertains to static data migration and is not relevant to the operational ECS system</a>	<a href="#">Refer to the Version 1 Data Migration Plan [for the ECS Project], Technical Paper (160-TP-002-001)</a>
V0-0270#B	8595	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Data Products.	<a href="#">This requirement pertains to static data migration and is not relevant to the operational ECS system</a>	<a href="#">Refer to the Version 1 Data Migration Plan [for the ECS Project], Technical Paper (160-TP-002-001)</a>
V0-0280#B	8598	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 DADS shall have the	<a href="#">This requirement pertains to static data</a>	<a href="#">Refer to the Version 1 Data Migration</a>

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									capability to send and ECS shall have the capability to receive Migration Browse Data.	<a href="#">migration and is not relevant to the operational ECS system</a>	<a href="#">Plan [for the ECS Project], Technical Paper (160-TP-002-001)</a>
V0-0290#B	8601	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Documentation Data.	<a href="#">This requirement pertains to static data migration and is not relevant to the operational ECS system</a>	<a href="#">Refer to the Version 1 Data Migration Plan [for the ECS Project], Technical Paper (160-TP-002-001)</a>
V0-0300#B	8603	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAAC V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Ancillary Data and Correlative Data.	<a href="#">This requirement pertains to static data migration and is not relevant to the operational ECS system</a>	<a href="#">Refer to the Version 1 Data Migration Plan [for the ECS Project], Technical Paper (160-TP-002-001)</a>
V0-0310#B	8605	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 PGS shall		

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									have the capability to send and ECS shall have the capability to receive <u>Operational Migration Data Products.</u>		
V0-0320#B	8617	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive <u>Operational Migration Browse Data.</u>		
V0-0330#B	8618	mission essential	SDPS	interface	test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive <u>Operational Migration Metadata.</u>		
V0-0331#B	8622	mission essential	SDPS	<u>procedural/operati</u>	<u>inspection test</u>	un-verified	<u>inspection test</u>	un-verified	The DAACs	<u>The requirement</u>	If required, schedules

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				onal+ interface					V0 PGS shall have the capability to send and ECS shall have the capability to receive <u>Operational Migration Data Products</u> according to the agreed schedule.	<u>for ECS to receive Operational Migration Data Products is covered in V0-0310#B.</u>	will be agreed upon between data provider and individual DAACs.
V0-0340#B	8624	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability of ingesting migration data in the following data format (s): a. HDF b. native format e. <del>TBD</del>	<u>Pertains to both operational data and static data migration.</u>	<u>Refer to the ECS/GSFC ICD (505-41-40) and ECS/LaRC ICD (505-41-39) for operational data migration formats; and to the Version 1 Data Migration Plan [for the ECS Project], Technical Paper (160-TP-002-001) for static data migration formats.</u>
V0-0350#B	8627	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability of	<u>Pertains to both operational data and static</u>	<u>Media to be supported in the operational</u>

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									receiving/ <del>pro</del> viding data products from/ <del>to</del> the DAAC(s) V0 system on the following media: a. CD-ROM b. 4mm tape c. 8mm tape d. 6250 bpi magnetic tape e. electronic <del>connections.</del> <del>transfer</del>	<del>data migration.</del>	<del>system as identified in the ECS/GSFC ICD (505-41-40) and ECS/LaRC ICD (505-41-39) is electronic connections, 4 mm and 8mm tape.</del>
V0-0380#B	8638	mission essential	SDPS	interface	test	un-verified	test	un-verified	ECS shall have the capability to send and the <del>EOSDIS V0</del> IMS <del>system</del> team shall have the capability to receive Dependent Valid Information <del>[implementation issue 6]</del> .		
NI-0330#B	9204	mission <del>essential</del> <del>critical</del>	FOS	interface	test	un-verified	test	un-verified	ECS shall have the capability to send a subset of EOS spacecraft telemetry	AM-1 mission only.	

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									stream to the FDF, which includes the following: a. Attitude sensor data b. Navigation telemetry data c. Spacecraft maneuver telemetry data Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.		
NI-0340- b#B	9205	mission critical	FOS	interface	demo	un-verified	demo	un-verified	ECS shall have the capability to receive planning and scheduling information for the EOS spacecraft and	<u>AM-1 Mission specific products</u>	

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									instruments from the FDF ( <del>AM-1 mission-specific products</del> ). Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.		
NI-0350#B	9206	mission <del>essential</del> <del>critical</del>	FOS	interface	test	un-verified	test	un-verified	ECS shall have the capability to receive parameters necessary for spacecraft command data generation from the FDF, including the following: a. Navigational operations	AM-1 mission only.	

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									parameters b. Spacecraft maneuver parameters Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.		
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Table 4: Deletion from the RBR Class for NI\_RBR RTM Baseline 3/14/97 CCR# 97-0352/A

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_status	a_verif_method	a_verif_status	text	interpretation text	clarification
V0-0390#B	-6308	mission fulfillment	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and DAAC's V0 PGS shall have the		

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									capability to receive the requested geophysical products and metadata.		
NI-0430#B	-8689	mission essential	CSMS	interface	test	un-verified	test	un-verified	ECS shall have the capability to receive notification of faults in the NOLAN network that may affect the quality of NOLAN services between ECS and its users.		