

Table 1. Changes to Level 3 Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

L3_id	req_key	title	text
DADS0145	658	<u>DADS ADC Receivables</u>	Each DADS shall be capable of receiving from the ADCs, at a minimum, the following for the purpose of product generation: a. <u>L0-L4 equivalent data sets</u> b. <u>Metadata</u> c. <u>Ancillary data</u> d. <u>Calibration data</u> e. <u>Correlative data</u> f. <u>Documents</u> g. <u>Algorithms</u>

Table 2. Additions to IRD Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

IRD_id	req_key	source interface	destination interface	text
<u>NOAA0620</u>	<u>NEW</u>	<u>ECS/SAA</u>	<u>SAA/ECS</u>	<u>The ECS and the NOAA SAAs shall have the capability to coordinate Network Management issues via telephone.</u>
<u>NOAA0810</u>	<u>NEW</u>	<u>ECS/NOAA DC</u>	<u>NOAA DC/ECS</u>	<u>The NOAA Data Centers and the ECS shall have the capability to perform Schedule Adjudication via telephone.</u>
<u>NOAA0820</u>	<u>NEW</u>	<u>NOAA DC</u>	<u>ECS</u>	<u>The NOAA Data Centers shall have the capability to send and the ECS shall have the capability to receive data sets requested by ECS as ancillary data for ECS standard product generation.</u>

Table 3. Changes to IRD Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

IRD_id	req_key	source interface	destination interface	text
NOAA0140	465	SAA	ECS	The SAAs shall have the capability to send and the ECS shall have the capability to receive User Authentication <u>Results Information</u> .
NOAA0150	466	ECS	SAA	The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication <u>Results Information</u> .

NOAA0600	496	SAA <u>EBnet</u>	ECS	<del>The SAAs shall have the capability to send and the ECS shall have the capability to receive Network Management information. The ECS shall have the capability to receive Network Management information from EBnet.</del>
NOAA0710	499	NMC <u>NCEP</u>	ECS	The NMC NCEP shall have the capability to send <u>via the GSFC DAAC</u> and the ECS shall have the capability to receive <u>via the GSFC DAAC</u> data sets to be used as ancillary data for ECS standard product generation.

Table 4. Deletions from IRD Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

IRD_id	req_key	source interface	destination interface	text
NOAA0120	-463	SAA	ECS	<del>The SAAs shall have the capability to send and the ECS shall have the capability to receive User Authentication Requests.</del>
NOAA0130	-464	ECS	SAA	<del>The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication Requests.</del>
NOAA0460	-489	SAA	ECS	<del>The SAAs shall have the capability to send and the ECS shall have the capability to receive Spacecraft Schedules for SAA data sets requested by the ECS as ancillary data for ECS product generation.</del>
NOAA0520	-491	ECS	SAA	<del>The ECS shall have the capability to send, to SAA users, ECS-cataloged information, to include as a minimum data products, calibration data, documents, and algorithm packages.</del>
NOAA0530	-492	SAA	ECS	<del>The SAAs shall have the capability to send, to ECS users, SAA-cataloged information, to include as a minimum data products, calibration data, documents, and algorithm packages.</del>
NOAA0570	-494	SAA	ECS	<del>The SAAs shall have the capability to send and the ECS shall have the capability to receive Algorithm Packages contributed by the SAAs as EOSDIS resources.</del>
NOAA0580	-495	ECS	SAA	<del>The ECS shall have the capability to send and the SAAs shall have the capability to receive Algorithm Packages archived by the ECS as EOSDIS resources.</del>
NOAA0610	-497	ECS	SAA	<del>The ECS shall have the capability to send and the SAAs shall have the capability to receive Network Management information.</del>
NOAA0700	-498	ECS	NMC	<del>The ECS shall have the capability to send and the NMC shall have the capability to receive requests for ancillary data to support ECS standard product generation.</del>
NOAA0720	-500	ECS	NMC	<del>The ECS shall have the capability to send and the NMC shall have the capability to receive Product Availability Queries.</del>

NOAA0730	<del>501</del>	NMC	ECS	<del>The NMC shall have the capability to send and the ECS shall have the capability to receive Product Availability Lists.</del>
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Table 5. Additions to RBR Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text	clarification
<u>NOAA 0150#B</u>	<u>NEW</u>	<u>mission essential</u>	<u>CSMS</u>	<u>interface</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication Information.</u>		<u>User Authentication Information is included in the service requests.</u>
<u>NOAA 0620#B</u>	<u>NEW</u>	<u>N/A procedural</u>	<u>N/A procedural</u>	<u>operational, procedural</u>	<u>inspection</u>	<u>N/A procedural</u>	<u>inspection</u>	<u>N/A procedural</u>	<u>The ECS and the NOAA SAAs shall have the capability to coordinate Network Management issues via telephone.</u>		
<u>NOAA 0810#B</u>	<u>NEW</u>	<u>N/A procedural</u>	<u>N/A procedural</u>	<u>operational, procedural</u>	<u>inspection</u>	<u>N/A procedural</u>	<u>inspection</u>	<u>N/A procedural</u>	<u>The NOAA Data Centers and the ECS shall have the capability to perform Schedule Adjudication via telephone.</u>		
<u>NOAA 0820#B</u>	<u>NEW</u>	<u>mission essential</u>	<u>SDPS</u>	<u>interface</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>The NOAA Data Centers shall have the capability to send and the ECS shall have the capability to receive data sets requested by ECS as ancillary data for ECS standard product generation.</u>		

Table 6. Changes to RBR Class

RTM Baseline 1/25/97  
 CCR # 97-0234/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
NOAA 0020#B	8568	mission essential <u>N/A procedural</u>	SDPS <u>N/A procedural</u>	interface procedural	test inspection	un-verified <u>N/A procedural</u>	test inspection	un-verified <u>N/A procedural</u>	The ECS shall maintain a controlled list of the mutually-agreed data sets required from the NOAA ADC to support ECS standard product generation.	<u>This list will be maintained in Appendix E of the F&amp;PRS</u>	
NOAA 0330#B	8583	mission essential	SDPS	interface	demo	un-verified	demo	un-verified	The ECS shall have the capability to send and the SAAs shall have the capability to receive Cost Estimate Requests.		Cost estimate request <u>is included</u> <del>implicit</del> in Inventory Request
NOAA 0430#B	8587	<u>N/A procedural</u>	<u>N/A procedural</u>	procedural, <u>operational</u>	<del>not verified by ECS inspection</del>	<u>N/A procedural</u>	<del>not verified by ECS inspection</del>	<u>N/A procedural</u>	The ECS shall have the capability to send and the SAAs shall have the capability to receive Product Delivery Status Requests.		Operator manual intervention; Product Delivery Status Requests will be made by manual means
NOAA 0440#B	8589	<u>N/A procedural</u>	<u>N/A procedural</u>	procedural, <u>operational</u>	<del>not verified by ECS inspection</del>	<u>N/A procedural</u>	<del>not verified by ECS inspection</del>	<u>N/A procedural</u>	The SAAs shall have the capability to send and the ECS shall have the capability to receive Product Delivery Status.		Operator manual intervention; Product Delivery Status Requests will be made by manual means
NOAA 0600#B	8606	mission essential	CSMS	interface	<del>not verified by ECS test</del>	<u>N/A procedural</u> <u>un-verified</u>	<del>not verified by ECS test</del>	<u>N/A procedural</u> <u>un-verified</u>	The SAAs shall have the capability to send and the ECS shall have the capability to receive Network Management information. The ECS shall have the		Network Management information will be exchanged via telephone.

									capability to receive Network Management information from EBnet.		
NOAA 0710#B	8614	mission essential	SDPS	interface	test	un-verified	test	un-verified	The NMC <u>NCEP</u> shall have the capability to send via the <u>GSFC DAAC</u> and the ECS shall have the capability to receive via the <u>GSFC DAAC</u> data sets to be used as ancillary data for ECS standard product generation.		ECS will not have a direct interface with <u>NCEP NMC (NCEP)</u> . ECS will receive <u>NCEP NMC (NCEP)</u> data from DAS Data Link Server at GSFC.

Table 7. Deletions from RBR Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text	clarification
NOAA 0130#B	-6878	mission essential	CSMS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication Requests.	ESDIS is in process of writing a CCR to delete requirement from IRD.	
NOAA 0230#B	-8578	mission essential	SDPS	interface	test	un-verified	test	un-verified	The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Query Results.		
NOAA 0460#B	-8591	mission essential	SDPS	interface	demo	un-verified	demo	un-verified	The SAAs shall have the capability to send and the ECS shall have the capability to receive Spacecraft Schedules for SAA data sets requested by the ECS as ancillary data for ECS product		

									generation.		
NOAA-0530#B	-8597	N/A_procedural	N/A_procedural	procedural	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	-The SAAs shall have the capability to send, to ECS users, SAA-cataloged information, to include as a minimum data products, calibration data, documents, and algorithm packages.	This is a requirement on NOAA. ECS has no corresponding requirements.	Implied requirements are covered explicitly by RbRs NOAA-0030#B & NOAA-0410#B
NOAA-0570#B	-8604	mission essential	SDPS	interface	demo	un-verified	demo	un-verified	-The SAAs shall have the capability to send and the ECS shall have the capability to receive Algorithm Packages contributed by the SAAs as EOSDIS resources.		
NOAA-0610#B	-8609	mission essential	CSMS	interface	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	-The ECS shall have the capability to send and the SAAs shall have the capability to receive Network Management information.		Network Management information will be exchanged via telephone.
NOAA-0700#B	-8612	mission essential	SDPS + CSMS	interface	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	-The ECS shall have the capability to send and the NMC shall have the capability to receive requests for ancillary data to support ECS standard product generation.		
NOAA-0720#B	-8619	N/A_procedural	N/A_procedural	procedural	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	-The ECS shall have the capability to send and the NMC shall have the capability to receive Product Availability Queries.		ECS will not have a direct interface with NMC (NCEP). ECS will receive NMC (NCEP) data

											from DAS Data Link Server at GSFC.
NOAA-0730#B	-8620	N/A_procedural	N/A_procedural	procedural	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural		The NMC shall have the capability to send and the ECS shall have the capability to receive Product Availability Lists.	ECS will not have a direct interface with NMC (NCEP). ECS will receive NMC (NCEP) data from DAS Data Link Server at GSFC.

Table 8. Additions to Ext. Interface Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

El_id (paragraph_id)	Interface_name (text)	requirement_key	ccr	comments
NOAA#00033	<u>NOAA#Advertising Info To SAA</u>	<u>NEW</u>		
<u>NOAA#00034</u>	<u>NOAA#Ancillary Data From Data Centers</u>	<u>NEW</u>		

Table 9. Changes to Ext. Interface Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

El_id (paragraph_id)	Interface_name (text)	requirement_key	ccr	comments
NOAA#00001	<u>NOAA#Guide QueriesA</u> <u>NOAA#Guide Queries To SAA</u>	627	96-1215C	
NOAA#00002	<u>NOAA#Guide QueriesB</u> <u>NOAA#Guide Queries From SAA</u>	213		Incremental Track
NOAA#00003	<u>NOAA#Guide Query ResultsA</u> <u>NOAA#Guide Query Results From SAA</u>	628	96-1215C	
NOAA#00004	<u>NOAA#Guide Query ResultsB</u> <u>NOAA#Guide Query Results To SAA</u>	215		Incremental Track
NOAA#00005	<u>NOAA#Inventory QueriesA</u>	629	96-1215C	

	<u>NOAA#Inventory Queries To SAA</u>			
NOAA#00006	<u>NOAA#Inventory QueriesB</u> <u>NOAA#Inventory Queries From SAA</u>	217		Incremental Track
NOAA#00007	<u>NOAA#Inventory Query ResultsA</u> <u>NOAA#Inventory Query Results From SAA</u>	630	96-1215C	
NOAA#00008	<u>NOAA#Inventory Query ResultsB</u> <u>NOAA#Inventory Query Results To SAA</u>	219		Incremental Track
NOAA#00009	<u>NOAA#Browse RequestsA</u> <u>NOAA#Browse Requests To SAA</u>	631	96-1215C	
NOAA#00010	<u>NOAA#Browse RequestsB</u> <u>NOAA#Browse Requests From SAA</u>	221		Incremental Track
NOAA#00011	<u>NOAA#Browse ResultsA</u> <u>NOAA#Browse Request Results From SAA</u>	632	96-1215C	
NOAA#00012	<u>NOAA#Browse ResultsB</u> <u>NOAA#Browse Request Results To SAA</u>	223		Incremental Track
NOAA#00013	<u>NOAA#Product RequestsA</u> <u>NOAA#Product Requests To SAA</u>	633	96-1215C	
NOAA#00014	<u>NOAA#Product RequestsB</u> <u>NOAA#Product Requests From SAA</u>	225		Incremental Track
NOAA#00016	<u>NOAA#Product ResultsB</u> <u>NOAA#User Product to NOAA</u>	227		Incremental Track
NOAA#00021	<u>NOAA#Ancillary Data: NOAA SAA</u> <u>ProductsA</u> <u>Ancillary Data From SAA</u>	232		
NOAA#00023	<u>NOAA#Ancillary Data: NCEP Data</u> <u>ProductsA</u> <u>NOAA#Ancillary Data From NCEP</u>	635	96-1215C	
NOAA#00026	<u>NOAA#Network Management</u> <u>Information</u> <u>NOAA#Network Management</u> <u>Information From Ebnet</u>	237		
NOAA#00027	<u>NOAA#Schedule Adjudication via</u>	238		

	<u>telephone Fr. NOAA NOAA#Data Centers Schedule Adjudication</u>			
NOAA#00029	<u>NOAA#SAA Advertising DataA NOAA#Advertising Info From SAA</u>	490	96-1215C	
NOAA#00032	<u>NOAA#Data Center Advertising DataA NOAA#Advertising Info From Data Centers</u>	493	96-1215C	

Table 10. Deletions from External Interface Class  
RTM Baseline 1/25/97  
CCR # 97-0234/A

EI_id (paragraph_id)	Interface_name (text)	requirement_ key	ccr	comments
NOAA#00018	<u>NOAA#Product Delivery Status RequestsB</u>	-229		Incremental Track
NOAA#00020	<u>NOAA#Product Delivery StatusB</u>	-231		Incremental Track
NOAA#00022	<u>NOAA#Ancillary Data: NOAA SAA ProductsB</u>	-233		
NOAA#00024	<u>NOAA#Ancillary Data: NMC Data ProductsB</u>	-235		
NOAA#00028	<u>NOAA#Network Management Information Fr. NOAA</u>	-239		
NOAA#00030	<u>NOAA#User Authentication InformationA</u>	-491	96-1215C	
NOAA#00031	<u>NOAA#Cost EstimatesA</u>	-492	96-1215C	

Table 11. Add Links From RBR Class to Ext. Interface Class  
RTM Baseline 1/25/97  
CCR # 97-0234/A

RBR id	EI id
<u>NOAA0810#B</u>	<u>NOAA#00027</u>
<u>NOAA0820#B</u>	<u>NOAA#00034</u>

Table 12. Delete Links From RBR Class to Ext. Interface Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

RBR id	EI id
NOAA0140#B	NOAA#00030
NOAA0340#B	NOAA#00031

Table 13. Add Links From RBR Class to Level 4 Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

RBR	Level 4
NOAA0030#B	<u>S-DMS-30560</u>
NOAA0030#B	<u>S-DMS-30660</u>
NOAA0030#B	<u>S-DMS-30620</u>
NOAA0030#B	<u>S-DMS-31100</u>
NOAA0030#B	<u>S-DMS-31120</u>
NOAA0030#B	<u>S-DMS-30670</u>
NOAA0030#B	<u>S-DMS-30690</u>
NOAA0030#B	<u>S-DMS-30695</u>
NOAA0030#B	<u>S-DMS-31060</u>
NOAA0030#B	<u>S-DMS-30700</u>
NOAA0150#B	<u>S-DMS-30630</u>
NOAA0150#B	<u>S-CLS-18080</u>
NOAA0150#B	<u>S-DMS-30500</u>
NOAA0210#B	<u>S-DMS-30500</u>
NOAA0220#B	<u>S-DMS-30505</u>
NOAA0250#B	<u>S-DMS-30500</u>
NOAA0250#B	<u>S-DMS-30660</u>
NOAA0260#B	<u>S-DMS-30505</u>
NOAA0260#B	<u>S-DMS-30670</u>
NOAA0290#B	<u>S-DMS-30500</u>
NOAA0290#B	<u>S-DMS-30690</u>
NOAA0300#B	<u>S-DMS-30505</u>
NOAA0330#B	<u>S-DMS-30500</u>
NOAA0330#B	<u>S-DMS-30660</u>
NOAA0340#B	<u>S-DMS-30505</u>
NOAA0340#B	<u>S-DMS-30670</u>
NOAA0410#B	<u>S-DMS-30500</u>

<u>NOAA0410#B</u>	<u>S-DMS-30700</u>
<u>NOAA0510#B</u>	<u>S-INS-01030</u>
<u>NOAA0510#B</u>	<u>S-INS-01035</u>
<u>NOAA0600#B</u>	<u>C-MSS-60161</u>
<u>NOAA0710#B</u>	<u>S-INS-01136</u>
<u>NOAA0820#B</u>	<u>S-INS-01030</u>
<u>NOAA0820#B</u>	<u>S-INS-01035</u>

Table 14. Delete Links From RBR Class to Level 4 Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

RBR	Level 4
<u>NOAA0020#B</u>	<u>S-INS-00070</u>
<u>NOAA0020#B</u>	<u>S-INS-00080</u>
<u>NOAA0020#B</u>	<u>S-INS-00620</u>
<u>NOAA0020#B</u>	<u>S-INS-00630</u>
<u>NOAA0020#B</u>	<u>S-INS-00640</u>
<u>NOAA0030#B</u>	<u>S-CLS-17010</u>
<u>NOAA0030#B</u>	<u>S-CLS-17020</u>
<u>NOAA0300#B</u>	<u>S-DMS-31060</u>
<u>NOAA0340#B</u>	<u>S-DMS-31090</u>
<u>NOAA0510#B</u>	<u>S-INS-00070</u>
<u>NOAA0510#B</u>	<u>S-INS-00080</u>
<u>NOAA0600#B</u>	<u>C-MSS-60254</u>
<u>NOAA0600#B</u>	<u>C-MSS-66535</u>
<u>NOAA0710#B</u>	<u>S-INS-00070</u>
<u>NOAA0710#B</u>	<u>S-INS-00080</u>
<u>NOAA0800#B</u>	<u>S-IOS-00840</u>

Table 15. Add Links From L3s to IRD Class  
 RTM Baseline 1/25/97  
 CCR # 97-0234/A

L3 Requirement	IRD id
<u>SMC-1500</u>	<u>NOAA0620</u>
<u>SMC-1500</u>	<u>NOAA0810</u>
<u>EOSD1502</u>	<u>NOAA0820</u>
<u>EOSD1710</u>	<u>NOAA0620</u>

