

RTM Baseline: June 14, 1996.

Date of Query: June 24, 1996

**Table 1. Attribute Change Table for IRD Class Changes**

IRD_id	object key	source interface	destination interface	text
<u>SCF-0085</u>	<u>new</u>	<u>SCF</u>	<u>ECS</u>	<u>The ECS shall support remote science software integration and test activities at the DAACs including:</u> <u>a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> <u>b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>

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**Table 2. Attribute Change Table for RBR Class Changes**

RBR_id	req_key	req_category	segment	req_type	s_verify_method	s_verify_stat	a_verify_method	a_verify_stat	text	interpretation text	clar_text
<u>SCF-0085</u> <u>#A</u>	<u>n</u> <u>e</u> <u>w</u>	<u>mis</u> <u>sio</u> <u>n</u> <u>ful</u> <u>illm</u> <u>ent</u>	<u>S</u> <u>D</u> <u>P</u> <u>S</u>	<u>interface</u>	<u>t</u> <u>e</u> <u>s</u> <u>t</u>	<u>un-</u> <u>verifie</u> <u>d</u>	<u>t</u> <u>e</u> <u>s</u> <u>t</u>	<u>un-</u> <u>verifi</u> <u>ed</u>	<u>The ECS shall support remote science software integration and test activities at the DAACs including:</u> <u>a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> <u>b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>	<u>Interface provides SCFs with access to existing DAAC operator GUIs without providing new DAAC functionality.</u>	
<u>SCF-0085</u> <u>#B</u>	<u>n</u> <u>e</u> <u>w</u>	<u>mis</u> <u>sio</u> <u>n</u> <u>ful</u> <u>illm</u> <u>ent</u>	<u>S</u> <u>D</u> <u>P</u> <u>S</u>	<u>interface</u>	<u>t</u> <u>e</u> <u>s</u> <u>t</u>	<u>un-</u> <u>verifie</u> <u>d</u>	<u>t</u> <u>e</u> <u>s</u> <u>t</u>	<u>un-</u> <u>verifi</u> <u>ed</u>	<u>The ECS shall support remote science software integration and test activities at the DAACs including:</u> <u>a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> <u>b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>	<u>Interface provides SCFs with access to existing DAAC operator GUIs without providing new DAAC functionality.</u>	

**Table 3. Attribute Change Table for Level\_4 Class Changes**

L4 id	object key	rel	req_type	req_status	verification_method	text
<u>C-ISS-01360</u>	<u>new</u>	<u>A</u>	<u>functional/interface</u>	<u>approved</u>	<u>test</u>	<u>The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs:</u> <u>a. EDC</u> <u>b. LaRC</u>
<u>C-HRD-33000</u>	<u>new</u>	<u>A</u>	<u>functional/interface</u>	<u>approved</u>	<u>inspection</u>	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> <u>a. EDC</u> <u>b. LaRC</u>
<u>C-HRD-33010</u>	<u>new</u>	<u>A</u>	<u>functional/interface</u>	<u>approved</u>	<u>inspection</u>	<u>The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:</u> <u>a. EDC</u> <u>b. LaRC</u>
<u>C-ISS-01365</u>	<u>new</u>	<u>B</u>	<u>functional/interface</u>	<u>approved</u>	<u>test</u>	<u>The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs:</u> <u>a. GSFC</u> <u>b. NSIDC</u> <u>c. JPL</u>
<u>C-ISS-01370</u>	<u>new</u>	<u>B</u>	<u>functional/interface</u>	<u>approved</u>	<u>inspection</u>	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> <u>a. GSFC</u> <u>b. NSIDC</u> <u>c. JPL</u>
<u>C-ISS-01380</u>	<u>new</u>	<u>B</u>	<u>functional/interface</u>	<u>approved</u>	<u>inspection</u>	<u>The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:</u> <u>a. GSFC</u> <u>b. NSIDC</u> <u>c. JPL</u>

**Table 4. Reference Table for Changes in L3\_FPRS to IRD Links**

L3	o	title	text	I	o	s	destination	text
	b			R	b	o	interface	

id	j e c t k e y		D i d	j e c t k e y	u r c e i n t e r f a c e	
P G S - 0 9 1 5	* Remote SSI&T	The PGS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF. b. Interactive remote access to a job scheduling tool for defining and executing jobs.	S C F - 0 0 8 5	n e w	S C F ECS	<u>The ECS shall support remote science software integration and test activities at the DAACs including:</u> <u>a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> <u>b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>

\* The object key attribute is omitted because PGS-0915 was approved after the 6/14/95 RTM baseline.

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**Table 5. Reference Table for Changes in IRD to RBR Links**

IRD_id	req_key	source interface	destination interface	text	RBR_id	req_key	req_category	segment type	requirements	status	availability	availability	text	interpretation text	clarification text
SCF-0085	new	SCF	ECS	The ECS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF; b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.	SCF-0085#A	new	mission fulfillment	interface	test	unverified	test	unverified	The ECS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF; b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.	Interface provides SCFs with access to existing DAAC operator GUIs and does not provide any new DAAC functionality.	
SCF-0085		SCF	ECS	The ECS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF; b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.	SCF-0085#B		mission fulfillment	interface	test	unverified	test	unverified	The ECS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF; b. interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.	Interface provides SCFs with access to existing DAAC operator GUIs and does not provide any new DAAC functionality.	

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**Table 6. Reference Table for Changes in RBR to Level\_4 Links**

RBR_id	req_key	text	L4 id	req_key	rel	text
PGS-0915 #A	*	The PGS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF b. interactive remote access to a job scheduling tool for defining and executing jobs	<u>C-ISS-01360</u>	<u>n</u> <u>e</u> <u>w</u>	A	<u>The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs:</u> a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33000</u>	<u>n</u> <u>e</u> <u>w</u>	A	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33010</u>	<u>n</u> <u>e</u> <u>w</u>	A	<u>The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:</u> a. <u>EDC</u> b. <u>LaRC</u>
PGS-0915 #B	*	The PGS shall support remote science software integration and test activities at the DAACs including: a. executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF b. interactive remote access to a job scheduling tool for defining and executing jobs	<u>C-ISS-01365</u>	<u>n</u> <u>e</u> <u>w</u>	B	<u>The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs:</u> a. <u>GSFC</u> b. <u>NSIDC</u> c. <u>JPL</u>
			<u>C-ISS-01370</u>	<u>n</u> <u>e</u> <u>w</u>	B	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> a. <u>GSFC</u> b. <u>NSIDC</u> c. <u>JPL</u>

			<u>C-ISS-01380</u>	<u>n</u> <u>e</u> <u>w</u>	<u>B</u>	The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection: a. <u>GSFC</u> b. <u>NSIDC</u> c. <u>JPL</u>
			<u>C-ISS-01360</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs: a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33000</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection: a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33010</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection: a. <u>EDC</u> b. <u>LaRC</u>
<u>SCF-0085</u> <u>#A</u>	<u>n</u> <u>e</u> <u>w</u>	The ECS shall support remote science software integration and test activities at the DAACs including: a. <u>executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> b. <u>interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>	<u>C-ISS-01360</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs: a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33000</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection: a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33010</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection: a. <u>EDC</u> b. <u>LaRC</u>
<u>SCF-0085</u> <u>#B</u>	<u>n</u> <u>e</u> <u>w</u>	The ECS shall support remote science software integration and test activities at the DAACs including:	<u>C-ISS-01365</u>	<u>n</u> <u>e</u> <u>w</u>	<u>B</u>	The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs: a. <u>GSFC</u>

		a. <u>executing code checkers, compiling, linking, debugging code, file comparison and science software resource profiling from the SCF;</u> b. <u>interactive remote access from the SCF to a job scheduling tool for defining and executing jobs.</u>				b. <u>NSIDC</u> c. <u>JPL</u>
			<u>C-ISS-01370</u>	<u>n</u> <u>e</u> <u>w</u>	<u>B</u>	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> a. <u>GSFC</u> b. <u>NSIDC</u> c. <u>JPL</u>
			<u>C-ISS-01380</u>	<u>n</u> <u>e</u> <u>w</u>	<u>B</u>	<u>The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:</u> a. <u>GSFC</u> b. <u>NSIDC</u> c. <u>JPL</u>
			<u>C-ISS-01360</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	<u>The ISS shall provide for connectivity to support interactive remote access by SCFs at the following DAACs:</u> a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33000</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	<u>The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:</u> a. <u>EDC</u> b. <u>LaRC</u>
			<u>C-HRD-33010</u>	<u>n</u> <u>e</u> <u>w</u>	<u>A</u>	<u>The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:</u> a. <u>EDC</u> b. <u>LaRC</u>

\* The object key attribute is omitted because PGS-0915 was approved after the 6/14/95 RTM baseline.

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**Table 7. Link Change Table for Changes in L3\_FPRS to IRD Links**

L3_id	IRD_id
<u>PGS-0915</u>	<u>SCF-0085</u>

**Table 8. Link Change Table for Changes in IRD to RBR Links**

IRD_id	RBR_id
<u>SCF-0085</u>	<u>SCF-0085#A</u>
<u>SCF-0085</u>	<u>SCF-0085#B</u>

**Table 9. Link Change Table for Changes in RBR to Level\_4 Links**

RBR_id	L4_id
<u>PGS-0915#A</u>	<u>C-ISS-01360</u>
<u>PGS-0915#A</u>	<u>C-HRD-33000</u>
<u>PGS-0915#A</u>	<u>C-HRD-33010</u>
<u>PGS-0915#B</u>	<u>C-ISS-01365</u>
<u>PGS-0915#B</u>	<u>C-ISS-01370</u>
<u>PGS-0915#B</u>	<u>C-ISS-01380</u>
<u>PGS-0915#B</u>	<u>C-ISS-01360</u>
<u>PGS-0915#B</u>	<u>C-HRD-33000</u>
<u>PGS-0915#B</u>	<u>C-HRD-33010</u>
<u>SCF-0085#A</u>	<u>C-ISS-01360</u>
<u>SCF-0085#B</u>	<u>C-ISS-01365</u>
<u>PGS-0915#B</u>	<u>C-ISS-01370</u>
<u>PGS-0915#B</u>	<u>C-ISS-01380</u>
<u>PGS-0915#B</u>	<u>C-ISS-01360</u>