

# Release B CDR RID Report

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Document ECS Rel B SCDO CDR

Section N/A

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RID ID	CDR	90
Review	RELEASE B	
Originator Ref	ECS/CDR/IOSDIS-IVV-R	
Priority	2	

Figure Table N/A

Category Name I&T

Actionee ECS

Sub Category

Related RIDs  
Subcategory ID

Subject Identify requirements for regression testing

## Description of Problem or Suggestion:

It is not clear how Release A requirements that need to be regression tested in Release B due to functionality or implementation change will be identified. There needs to be a process in place to ensure all applicable requirements (requirements allocated to Release B as well as requirements allocated to previous releases, but affected by some design or implementation change) are tested or retested at each release.

Example: an implementation change that would require tagging requirements for regression testing would be retrofitting server objects with the Server Requestor Facility (SRF). According to the ECS Release B SDPS/CSMS CDR presentation, it will be determined based on a cost analysis which objects will be retrofitted and which will not in REL B. Retrofitting would require regression testing of both the Level (L3) and lower level (L4) requirements for the object affected. Even if there is complete regression testing at the L3 level for the portion of Release A which is migrated to Release B, the lower level detailed L4 requirements for the retrofitted system objects would need to be tagged for regression testing in REL B.

## Originator's Recommendation

Use the CCR form to record requirements that are met in REL A, but need to be regression tested in REL B because of a functionality or implementation change or design retrofit. This would foster a controlled process to ensure that the requirements baseline captures requirements that need to be regression tested as the action (REL A to B function change or implementation change) that triggers the need for regression testing occurs.

GSFC Response by:

GSFC Response Date

H AIS Response by:

H AIS Schedule

H AIS R. E.

H AIS Response Date

Status Open

Date Closed

Sponsor Herring

\*\*\*\*\* Attachment if any \*\*\*\*\*

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