

GSFC CCR #505-01-41-064  
CH07  
REVIEW ONLY  
FOR IMPACTS &  
ASSIGNING NEXT STEP ACTIONS

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Impact Matrix (changes for this CCR are shaded -- other comments are FYI for action assignments)

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Traceability tables are included for the following relationships:

L3-RBR-L4

L3-IRD-RBR

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IT & AT should have the action to review for impact to test cases based on this change

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Affects of deletes

2 orphan IRDs - these orphans have been re -assigned under this CCR

1 orphan L3 - this orphan re -assigned under this CCR

0 orphan L4s

Impact Table- shaded impacts are being made under this CCR the non-shaded *italics/bolded* text represents definite impacts to other classes which will require review actions for the need for a follow-up CCR.

L3 F&PRS	RBR	L4	IRD
EOSD1720	EOSD1720#A- no change EOSD1720#B-make the same addition to the text as the L3 change	<i>There are no Level 4s that address item "a. Data Acquisition Requests." (L4 - 'S-PLS-00010' is a possible good link, but it is not clear enough) There is no existing L4 trace to satisfy the CCR addition to this item "<u>for the ASTER instrument.</u>"</i>	<i>The only links from this L3 to the IRD class are two SCF requirements (SCF-0260 &amp; SCF-0270) which addresses item 'c. reprocessing requests.' There are no IRD requirements linked to L3 F&amp;PRS EOSD1720 for 'a. data acquisition request for ASTER instrument' or 'b. data distribution request.'</i>
EOSD3950	EOSD3950#A-make the same addition to the text as the L3 change EOSD3950#B-make the same addition to the text as the L3 change	<b><i>There are no L4s linked. L4 links need to be identified and created to RBR EOSD3950#A &amp; #B</i></b>	There are no IRD links. Do we need them?
IMS-1070	IMS-1070#B-make the same addition to the text as the parent L3 change ASTER-0110#B-make the same addition to the text as the L3 change ( <i>this RBR is linked to IRD ASTER-0110 which is the child of L3 F&amp;PRS IMS-1070</i> )	FYI impact - not sure that this RBR is fully cover by the 5 children L4 requirements.	IRD req. ASTER-0110 - delete item p. & q. same as the L3 change. A change from GSFC need to be initiated to change the IRD to reflect the L3 F&PRS change
IMS-1110	IMS-1110#B - make the same deletion of the entire requirement as with the parent L3	S-CLS-14450 - delete the link to RBR IMS-1110#B (no orphans created)	There are no IRD links
IMS-1120	IMS1120#B - make the same deletion of the entire requirement as with the parent L3	S-CLS-13850 - delete the link to RBR IMS-0111#B (no orphans created)	There are no IRD links

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IMS-1130	IMS-1130#B- make the same addition to the text of as with the parent L3	S-CLS-13850 - no obvious impact -- L4 organization please confirm.	<b><i>TRMM1280 &amp; TRMM2270 are linked the parent L3 through the IRD class. Since this parent L3 specifies the 'ASTER instrument' a TRMM requirement link to the parent L3 should be deleted (these requirements become orphans from the F&amp;PRS...Therefore, TRMM1280 &amp; TRMM2270 should both be linked to both DADS0210 and DADS0282. Additionally L3 IMS-1130 should be linked to IRD ASTER-0110.</i></b>
IMS-1140	IMS-1140#B- make the same addition to the text of as with the parent L3	S-CLS-13870 - no obvious impact -- L4 organization please confirm.	There are no IRD links. Links need to be identified & submitted under a separate CCR.
IMS-1190	IMS-1190#B -make the same addition to the text of as with the parent L3	S-CLS-13890 - no obvious impact -- L4 organization please confirm.  S-CLS-13900 - no obvious impact -- L4 organization please confirm.	There are no IRD links. Links need to be identified & submitted under a separate CCR.
IMS-1200	IMS-1200#B- make the same deletion of the entire requirement as with the parent L3	S-CLS-15990 - delete the link to RBR IMS-1200#B (no orphans created- there is a current link that remains to RBR ASTER-0110#B)	There are no IRD links. Links need to be identified & submitted under a separate CCR.
IMS-1262	IMS-1262#B - make the same addition to the text of as with the parent L3	<b><i>There are no L4s linked to IMS-1262#B which fulfill the addition of "request" to the parent L3. An L4 should be written or a new link to an appropriate existing L4 should be created.</i></b>	ASTER--0120 is linked to the parent L3. No change to this IRD or associated RBR appears necessary. (IRD rep -- please confirm)
IMS-1090	IMS-1190#B - make the same addition to the text of as with the parent L3	L4s- no obvious impact -- L4 organization please confirm.	There are no IRD links

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IMS-1230	IMS-1230#B - make the same addition to the text of as with the parent L3	<i><b>S-DSS-04770 - this L4 references ICC -- might need a CCR to replace ICC with GDS.</b></i>	There are no IRD links. Links need to be identified & submitted under a separate CCR.
IMS-1260	IMS-1260#B- make the same addition to the text of as with the parent L3	<i><b>S-CLS-16000- this L4 might need to add the L3 new text "be expandable to". To comply with the change to the L3</b></i>	<i><b>ASTER-0120 &amp; ASTER-0130 - this IRD might need to add the L3 new text "be expandable to". To comply with the change to the L3</b></i>
IMS-1320	IMS-1320#B- make the same addition to the text of as with the parent L3	L4 - no obvious impact -- L4 organization please confirm.	There are no IRD links