

ECS Configuration Change Request

1. Originator Byron V. Peters	2. Log Date: 3/6/99	3. CCR #: 99-0839	4. Rev: -	5. Tel: 301/883-4077	6. Rm #: 2011C	7. Org. SED
8. Title of Change: Baseline Engineering Technical Directive for Fortran runtime library update						
9. Originator Signature/Date <i>Byron V. Peters 9/2/99</i>		10. Class SE	11. Type: CCR	12. Need Date: 9/7/99		
13. Office Manager Signature/Date <i>Randy Bellinger 9/2/99</i>		14. Category of Change: Update Baseline		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None - patches are not baselined for specific hosts and this patch is already on the baseline		17. Schedule Impact:	18. CI(s) Affected: ICL			
19. Release Affected: Drop 5A.02		20. Date due to Customer:	21. Impl. Date:	22. Estimated Cost: None		
23. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
24. Description of Change: (use additional Sheets if necessary) Fortran code has been identified as part of the ECS toolkit that runs on Ingest SGIs. The SGI 3140 patch is required for toolkit functionality. Important note: This is an ETD because the patch is already at the DAACs.						
25. Proposed Solution: (use additional sheets if necessary) Use this ETD to install SGI patch 3140.						
26. Alternate Solution: (use additional sheets if necessary) None						
27. Consequences if Change(s) are not approved: (use additional sheets if necessary) Ingest will not function in Drop 5A.02						
28. Justification for Emergency (If Block 15 is "Emergency"): Drop 5A.02 is being released to GDAAC and LDAAC on Tuesday, September 9 and this patch must be installed or Ingest will not function.						
29. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
30. Board Comments:			31. Work Assigned To:			
32. EDF/REL2 CCB Chair (Sign/Date): <i>Mac McDonald 9/3/99</i>		33. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		34. (TBD)		
35. M&O CCB Chair (Sign/Date): <i>Abigail Sloan 9/3/99</i>		36. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		37. CM Manager's Closure:		
38. ECS CCB Chair (Sign/Date):		39. Disposition: Approved A/C Disapproved		40. CCR Closed Date:		

ORIGINAL

99-0839



ECS Project

Engineering Technical Directive

No. 99-010

Subject: Fortran 90 runtime environment patch update

09/03/99

The following directive is issued to all DAACS and labs with Ingest SGIs.

Issue: A patch from a CD-ROM released as part of the ECS December patch kit (914-TDA-069) must be installed on Ingest SGIs. This Change is to update the Fortran 90 Runtime library and is required for Drop 5A.02 Baccus to work.

Prerequisite: Obtain the MIPSpro 7.2.1 Compiler Patches June 1998 CD, part no. 812-0772-001

Fix: Insert the CD-ROM into the reader and perform the following as ROOT

- 1) Start the installation
inst ↵
- 2) Set the installation directory
Inst> from /CDROM/dist ↵
- 3) The message... Reading installation history... 100% Done... will appear
- 4) Install the following portions of the patch
Inst> keep * ↵
Inst> install patchSG0003140 ↵
- 5) Type go to run the installation
Inst> go ↵
- 6) When the installation has completed, exit the installation prompt
Inst> quit ↵
- 7) The messages *Building dynamic ELF inventory file...* and then *Invoking rqs[1] on necessary...* will appear and then you will be returned to the "#" prompt.
- 8) Repeat the process on the backup Ingest SGI if there is one.
- 9) Installation is complete.

Testing: Verify the patch was correctly installed using the command:
versions | grep 3140

If you see a result, the install was successful. Otherwise, repeat the process.

Implementation: This directive should be implemented on only SGI ingest hosts (primary and backup)

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Approved By: M. McBride *MAM*
Director, Systems Engineering

Reference CCR: 99-0839

-----End of Directive-----