

ECS Configuration Change Request

1. Originator Randy Miller	2. Log Date: 1/12/99	3. CCR #: 99-0028	4. Rev: —	5. Tel: x0400	6. Off: 2078	7. Org. Dev/CO
8. Title of Change: Deliver Ruby Patch (4PX.18) to SMC for Distribution to All Sites						
9. Originator Signature <i>Randy Miller</i>	10. Date: 1/12/99	11. Class II	12. Type: CCR	13. Need Date: 1/12/99		
14. Office Manager Signature <i>A. Fisher</i>	15. Date: 1/12/99	16. Date CCB Decision Needed: 1/12/99	17. Category of Change: Update Baseline	18. Priority: Emergency		
19. Documentation/Drawings Impacted: Patch Documentation Attached 914-TDA-075		20. Schedule Impact: None	21. CI(s) Affected: PLS, DMS, SDSRV			
22. Release Affected: 4PX	23. Date due to Customer: 1/12/99	24. Impl. Date: 1/12/99	25. Effectivity of Change: 1/12/99	26. Est. Cost None		
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: See attached list						
28. Description of Change: (use additional Sheets if necessary) Fixes for problems in the Production Request Editor, the V0 Gateway, the MOC scripts, and Landsat processing are being made to the 4PX baseline. <i>now</i>						
29. Proposed Solution: (use additional sheets if necessary) Merge the required files to the 4PX (Jade) Maintenance Branch, build, run the delivery scripts, and deliver the Sun tar files to the SMC for distribution to all sites.						
30. Alternate Solution: (use additional sheets if necessary) Do not patch 4PX.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) SSI&T schedules are impacted by the PLS problem; external interface tests are impacted by the V0 Gateway, MOC, and Landsat problems.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input checked="" type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input checked="" type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input checked="" type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To:		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Mark D. Donald 1/12/99</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

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4PX Patch "Ruby"

Purpose

The Ruby patch (4PX.18) provides fixes to the Subscription Manager, the Production Request Editor, the V0 Gateway, the MOC Scripts, and Landsat processing.

NCRs Fixed

The Ruby patch fixes NCRs 19342, 19633, 19829, 19936, 20026, 20027, 20029, and 20133.

Nature of Fix

C++ code was modified in PLS, DMS, and SDSRV; script language was changed in SDSRV.

Installation Instructions

Dependencies And Preconditions. The Ruby patch can only be installed into modes containing the 4PX.17 (Quince) revision level of ECS.

Contents of the Patch Kit: This patch consists of one Sun tar file, with contents as follows:

PLS:

EcPISubMgr, EcPIPREditor, and EcPIPREditor_IF

DMS:

libDmLmGlobalSh.so

EcDmV0ToEcsGateway, EcDmEcsToV0Gateway, and EcDmLimServer

SDSRV:

libDsCsSh.so, libDsDcSh.so, libDsHcSh.so, and libDsHrSh.so

libDsESDTLsL70RWRS.001.Sh.so

EcDsHdfEosServer

DsDbMocExt

/ecs/formal/COMMON/.packages

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

General Instructions. These instructions are to be followed for all subsystems, **except as noted below** under Subsystem Specific Instructions:

- 1) Download and stage the files for the delivery from the SMC.

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- 2) DO NOT perform any clean-up activities (data, databases, CDS entries, et cetera).
- 3) DO NOT install ECS Assist from the staging directory using the setup script. IGNORE the new .packages file in the delivery. (This file provides a partial fix for NCR 20132; a complete fix for this problem will be provided instead in the next 4PX patch.)
- 4) Copy the files from the staging area to their target directories, overwriting the existing versions of these files: The Subscription Manager (EcPISubMgr) is copied to the Planning Server. The Production Request Editor (EcPIPREditor and EcPIPREditor_IF) are copied to the Planning Management Workstation. The DMS components (libDmLmGlobalSh.so, EcDmV0ToEcsGateway, EcDmEcsToV0Gateway, and EcDmLimServer) are copied to the Interface Servers (xxins01 and xxins02).

At EDC only, the Science Data Server libraries and server (libDsCsSh.so, libDsDcSh.so, libDsHcSh.so, and libDsHrSh.so, libDsESDTLsL70RWRS.001.Sh.so, and EcDsHdfEosServer) are copied to the Science Data Server. The MOC script is copied to the Science Data Server. *You are done installing the patch.*
- 5) DO NOT perform an installation to SHARED Mode.
- 6) DO NOT perform a Toolkit installation.
- 7) DO NOT perform any mkconfigs using ECS Assist -- no changes in configuration are required by the patch.
- 8) DO NOT perform any database updates.
- 9) DO NOT re-install any ESDTs.

Subsystem Specific Instructions.

None

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