

ECS Configuration Change Request

1. Originator Byron V. Peters	2. Log Date: 2/12/99	3. CCR #: 99-0128	4. Rev: —	5. Tel: 301/883 4077	6. Off: SED	7. Org. HWE
8. Title of Change: Baseline Engineering Technical Directive to Secure Sensitive Installation Files						
9. Originator Signature <i>Byron V. Peters</i>	10. Date: 2/12/99	11. Class II	12. Type: CCR	13. Need Date: 2/19/99		
14. Office Manager Signature <i>Reginald Dawkins</i>	15. Date: 2/12/99	16. Date CCB Decision Needed: 2/15/99	17. Category of Change: Category	18. Priority: Routine		
19. Documentation/Drawings Impacted: None		20. Schedule Impact: None		21. CI(s) Affected:DMS		
22. Release Affected: Drop 4PX	23. Date due to Customer:N/A	24. Impl. Date: 2/19/99	25. Effectivity of Change: 2/19/99	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: ECSed20099, ECSed20614						
28. Description of Change: (use additional Sheets if necessary) In the process of installation, a number of sensitive files are needed. These files must be protected.						
29. Proposed Solution: (use additional sheets if necessary) See the attached Engineering Technical Directive.						
30. Alternate Solution: (use additional sheets if necessary) None						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) Not fixing this problem leaves a significant security hole in the ECS.						
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 checked="" type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input checked="" type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input checked="" type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input checked="" 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>Max McDonald 2/15/99</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:		



ECS Project

Engineering Technical Directive

No. 99-004

Subject: Securing sensitive installation files
The following directive is issued to all DAACS and labs.

02/15/99

- Issue:** Keeping installation files with any account with password information or DCE cell admin keytabs online is a significant security risk.
- Fix:** The installer is responsible for reasonable security measures when installing ECS custom software. This means:
1. changing the permissions of online secure files to the minimum level required (see implementation),
 2. backing up secure file(s) to removable media (floppy or tape) and removal of secure files immediately after installation is complete. The media should then be kept in a secure location.
- Testing:** The lab lead or DAAC lead must verify after the installation of a patch that the files have been removed.
- Implementation:** The files that are affected are:
- A. `/tools/common/ea/EcCoAdmin.Keyfile` - set permissions to 400 (user read, group and others no permissions)
 - B. `/usr/ecs/<MODE>/CUSTOM/dbms/<SUBSYSTEM>/Ec<server>SybaseLogins.sql` - set permissions to 711 (user read, write, execute, group and other read only)

Point of Contact: Byron V. Peters, chair, TSIWG, email: bpeters@eos.hite.com
Phone: 301/883-4077

Approved By:  J. M. McBride
Director, Systems Engineering

Reference CCR: 98-0128

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