

ECS Configuration Change Request

1. Originator Sarah Lewallen	2. Log Date: 08/8/03	3. CCR #: 03-0559	4. Rev:	5. Tel: 301-925-0865	6. Rm #: 2117B	7. Dept. SE
8. CCR Title: Upgrade g0dis02 with additional CPUs.						
9. Originator Signature/Date Sarah Lewallen /s/ 8/8/03			10. Class II	11. Type: CCR	12. Need Date: 8/13/03	
13. Office Manager Signature/Date James Mather /s/ 8/8/03			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 920-TDG-001			17. Schedule Impact: None		18. CI(s) Affected: DRPHW	
19. Release Affected by this Change: 6A, 6B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: DAAC Request						
23. Problem: (use additional Sheets if necessary) Distribution slowdowns are occurring due to CPU bottlenecks						
24. Proposed Solution: (use additional sheets if necessary) Upgrade g0dis02 with additional 4 x 168 MHz CPUs						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Will continue to see slowdowns						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input 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						
29. Board Comments:				30. Work Assigned To:	31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Gary Gavigan /s/ 8/12/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Sarah Lewallen

Telephone: 301-925-0865 **Office:** 2117B

Title of Change:

CM01AJA00 Revised 8/2/02

ECS

CCR Originator's Preliminary Impacts List

(Reference PI CM-1-003. Expand Table as Necessary with Carriage Returns or New Rows)

CCR No. Rev. Originator: Sarah Lewallen Phone: 301-925-0865

Title:

Office	Office Impact	Signature & Date	Comments:
BLM Baseline (XRP)			
Contracts			
CM	X		
Data Mgmt.			
ECS Chief Eng.			
ESDIS			
EMOS			
IDG			
Maint. & Oper.	X		
Quality Office			
Resource Mgmt.			
Release Dev.			
RTSC			
Schedule Control			
Science Office			
Security			
Software COTS Lib.			
Sys. Eng. COTS			
Subcontracts			
System Eng.	X		
SI&T			
Test Support			
Other ILS	X		

INSTRUCTIONS FOR CM19 (ECS Engineering Change Order)

1. CCR #: For CM Use
2. CCR Title: Copy Title from CCR Title
3. Approval Date: For CM Use
4. Approval Authority: Organization - For CM USE
5. ECO#: The ECO number shall consist a three digit identifier such as 001, 002...
6. Task description: This should summarize actions to be executed and/or implemented in order to complete the CCR.
Use action verbs e.g., install..., remove..., ship..., update..., upgrade..., notify..., procure..., distribute..., test..., design..., develop..., etc. Also include details like location, machine name, SW being replaced and prerequisites in order complete the task.
7. Responsibility: Department and/or name of actionee expected to execute ECO, provide status, and notify CM
8. Need Date/Dependent Activity: Date when change is needed or activity that has a precedence relationship to the ECO and has to occur before the ECO is executed.
9. Examples of ECOs include:

5. ECO#	6. TASK DESCRIPTION	7. RESPONSIBILITY	8. NEED DATE/ DEPENDANT ACTIVITY
-001	Prepare TAR file "... " to be sent to all DAACs	CM/ClearCase	XX/XX/XX
-002	Install Tivoli 3.6 to VATC	RTSC	XX/XX/XX
-003	EDC to add e0ins01 to disk partition	EDC	XX/XX/XX

Note: A typical set of ECOs for a S/W or H/W CCR would be:

- ECOs to update Baseline documents to reflect "Approved" status of CI(s) affected
- An ECO to notify CM when equipment has been received and distributed
- An ECO to prepare, check, and send specified tar files to specific sites
- An ECO to ship H/W and/or S/W for IPT
- ECOs to install at each site
- An ECO to procure software or hardware

Supplementary Procurement Information

1. CCR #:	2. Rev:	3. Date:	
4. Fund Type: Project Funds	5. Not to Exceed \$:	6. On Dock Need Date:	7. Account #:
8. Firm Quote Expiration Date:		9. WBS Manager (Sign/Date)	
10. Department Manager Verifying Need: (Sign/Date) (Not Required for Maintenance Procurements)	11. Procurement Manager (Sign/Date)		12. Type of Procurement Raytheon EDS
13. COTS Manager (Sign/Date) (Not Required for Maintenance Procurements):			
14. FOR CM USE ONLY:			

INSTRUCTIONS FOR CM01 (ECS Configuration Change Request)

1. Originator: Type First, MI, Last Name
2. Log Date: For CM Use
3. CCR #: For CM Use
4. Rev #: For CM Use
5. Telephone/Office – Use complete #, (301) XXX-XXXX
6. Room #: Ex. 2134A
7. Department - For example: SED, REDV, SED, CM, SO, etc.
8. CCR Title: A title for CCR (use action words, such as: Install, Update, Procure, etc.
9. Originator Signature/Date
10. Class – FOR CM USE
11. Type: CCR, DEV, or WAIVER
12. Need Date: Date when change is needed
13. Office Manager Signature/Date
14. Category of Change: Initial Baseline, EDF, etc. (See pull-down menu)
15. Priority: Routine and Emergency
16. Documentation/Drawings Impacted: Use latest approved drawing(s)/document(s) number/Rev. posted on EBIS website. <i>Note:</i> Use the Technical Documents Matrix/Checklist included with the CCR package to identify documents impacted based on the type of change and submit with the CCR form.
17. Schedule Impact: Schedule, if not enter (N/A)
18. CI(s) Affected: Put in Configuration Items Affected
19. Release Affected: Release 5A, 5B, etc.
20. Date Due to your Customer: Date due to ESDIS (For CDRL Deliverables)
21. Cost Estimate: None, Small<= \$100,000, Medium (\$100,000 to \$500,000), or Large (>500,000)
22. Source Reference: Check applicable box and enter Reference #.
23. Problem: Describe the change you are requesting
24. Proposed Solution: Describe the solution to the requested change.
25. Alternate Solution: Is there another solution if proposed solution is not approved.
26. Consequences if Change(s) are not approved: What impact or consequences would happen if CCR is not approved.
27. Must complete Line 27 if Line 15 is marked “Emergency”.
28. Site(s) Affected: Check appropriate box.
29. For Chairman Use Only
30. For CM/CCB Chairman Use Only
31. For CM Use Only
32. For Chairman Use Only
33. For Chairman Use Only
34. For Chairman Use Only

EBIS TECHNICAL DOCUMENTS MATRIX/CHECKLIST

(Use this reference guide to identify EBIS technical documents that are effected by baseline changes and submit with the CCR form.)

(✓) ALL That Apply	Technical Document Title	Technical Document	Host H/W Item Change	Host S/W Item Change	Document Item Change	Responsible Org./Dept.
	ECS System Baseline Specification	905-TDA-001	N/A	N/A	ECS Technical Baselines	SE/CM
	ECS Host Naming Convention	905-TDA-002	N/A	N/A	Host Names	SE/HW
	OS Version Part Numbers <i>(Retired 6/4/02)</i>	910-TDA-001	N/A	O/S	Version & Part No.	M&O/ILS
	Software Port Mapping	910-TDA-002	N/A	Port Mapping	N/A	DEV/
	COTS SW Version B/L Report	910-TDA-003	N/A	<ul style="list-style-type: none"> • COTS S/W • Firmware 	N/A	SE/SUS ENG
	Site-Host Map	910-TDA-005	Add/Remove	N/A	N/A	SE/HW
	ECS Program Register	910-TDA-007	N/A	N/A	Program Name	DEV/DEV ENG
	ECS Operational Directory Structure	910-TDA-009	N/A	N/A	ECS Directory	DEV/
	ECS Custom Code File Permissions	910-TDA-011	N/A	N/A	File Permissions	SE/SUS ENG
	ESDT Baseline	910-TDA-019	N/A	N/A	Data Type	SO/M & T D
	Sybase SQL Server	910-TDA-021	<ul style="list-style-type: none"> • Add/Remove • Disk 	COTS S/W	Algorithm Dev & Valid	DEV/DPS
	Custom Code Configuration Parameters	910-TDA-022	N/A	N/A	Code Design	DEV/DEV ENG
	Critical COTS Software List (XRP)	910-TDA-023	N/A	COTS SW	N/A	SE/SUS ENG
	SGI IRIX 6.5 Configuration Parameters	910-TDA-024	N/A	N/A	System Parameters	M&O/ DEV-OPS
	SYBASE ASE 11.5.x/11.9 Conf. Para.	910-TDA-025	N/A	N/A	Configuration Parameters	DEV/DB DEV
	ESDT Definitions Document	910-TDA-026	N/A	N/A	Data Type	SO/M & T D
	SGI IRIX 6.5 O/S Patches	911-TDA-005	N/A	O/S Patches	N/A	DEV/COTS
	SUN Solaris 2.5.1 O/S Patches	911-TDA-007	N/A	O/S Patches	N/A	DEV/COTS
	Clearcase COTS Patches	911-TDA-008	N/A	COTS Patches	N/A	DEV/COTS
	Release Notes (COTS & Custom Code)	914-TDA-xxx	N/A	N/A	COTS & Custom Code (Release)	<ul style="list-style-type: none"> • DEV/COTS • DEV/SIT • SE/SUS ENG • SE/CM
	Descriptor File Template (Interfaces)	916-TDA-001	N/A	N/A	Metadata	SO/M & T D

TDx: TD=Technical Document, x=Site Identifier, nnn=Document ID within a document series

(✓) ALL That Apply	Technical Document Title	Technical Document	Host H/W Item Change	Host S/W Item Change	Document Item Change	Responsible Org./Dept.
	Hardware Design Diagram	920-TDx-001	Add/Remove	N/A	N/A	SE/HW
	Hardware-Software Map	920-TDx-002	Add/Remove	<ul style="list-style-type: none"> • COTS S/W • O/S • Licensing 	N/A	SE/SUS ENG
	System Infrastructure	920-TDx-003	Add/Remove	COTS S/W	N/A	SE/SUS ENG
	Floor Plan	920-TDx-004	<ul style="list-style-type: none"> • Add/Remove • Peripheral • Location 	N/A	N/A	SE/HW
	Cable Management Plan	920-TDx-005	Cable	N/A	N/A	SE/HW
	Vendor Documentation	920-TDx-007	N/A	N/A	Vendor Documents	M&O/CM
	Mount Points	920-TDx-008	<ul style="list-style-type: none"> • Add/Remove • Disk 	Mount Points	N/A	SE/SUS ENG
	HW Database Mapping	920-TDx-009	<ul style="list-style-type: none"> • Add/Remove • Device 	Database	N/A	DEV/ DB DEV
	SCSI Cable Management Plan	920-TDx-012	SCSI Cable	N/A	N/A	SE/HW
	O/S and COTS HW Patch Maps	920-TDx-014	Add/Remove	<ul style="list-style-type: none"> • COTS Patches • O/S Patches 	N/A	DEV/COTS
	Sun Platform UNIX Kernel Conf. Para.	920-TDx-015	Add/Remove	Kernel Values	N/A	M&O/DEV-OPS
	SGI Platform UNIX Kernel Conf. Para.	920-TDx-016	Add/Remove	Kernel Values	N/A	M&O/DEV-OPS
	HP Platform UNIX Kernel Conf. Para.	920-TDx-017	Add/Remove	Kernel Values	N/A	M&O/DEV-OPS
	Custom Code Baseline	920-TDx-019	Add/Remove	<ul style="list-style-type: none"> • Custom Code • Patches, TEs 	N/A	SE/CM
	Network Overview Diagram	921-TDx-001	N/A	N/A	Network Topology	SE/HW
	Hardware Network Diagram	921-TDx-002	Add/Remove	N/A	N/A	SE/HW
	Host IP Assignments	921-TDx-003	Add/Remove	N/A	N/A	SE/HW
	Network IP Assignments	921-TDx-004	Add/Remove	N/A	N/A	SE/HW
	Dual-Homed Host Static Routes	921-TDx-005	N/A	N/A	Host Routing	SE/HW
	Disk Partition	922-TDx-nnn	Disk	N/A	N/A	SE/HW
	Primary DNS Servers	923-TDx-00x	Add/Remove	N/A	N/A	SE/HW
	Secondary DNS Servers	923-TDx-00x	Add/Remove	N/A	N/A	SE/HW

TDx: TD=Technical Document, x=Site Identifier, nnn=Document ID within a document series

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