ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Imran Chughtai	28SEP00	00-0964	—	301-925-0831	2016C	M&O 8. DAAC

8. CCR Title: SGI IRIX 6.5 Kernel Configuration Parameter Descriptions

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 9/27/2000
Imran F. Chughtai 9/27/2000	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
Gary W. Sloan 9.28.00	Initial ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
~~None~~ 910-TDA-024_Rev00	none	

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5A	N/A	None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
N/A

23. Problem: (use additional Sheets if necessary)
1. Need to baseline SGI IRIX 6.5 Kernel Configuration Parameter Values for ECS
2. Need descriptions for SGI IRIX 6.5 Configuration Parameters, values, ranges and impact information

24. Proposed Solution: (use additional sheets if necessary)
1. This document provides the source for descriptions, default and ECS values, ranges and impacts for configuration parameters for SGI IRIX 6.5 Kernel. The baselined values for SGI IRIX 6.5 for VATC, PVC, EDC, GSFC, LARC and NSIDC is baselined on pete and DAAC mirror site under 920-TDX-016 series of baselined documents.
2. Most of the value settings for IRIX 6.5 are the default values. There are ECS specific values for tcp_sendspace and tcp_recvspace (Pages 51 and 52) under the Socket Parameters Group. Any future ECS values will be updated in this document.

25. Alternate Solution: (use additional sheets if necessary)
N/A

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Although the majority of the Kernel value settings are default, certain values are ECS specific. Baselining OS confiuration parameter values across DAACs, PVC and VATC is necessary for accurately analyzing the ECS OS performance.

27. Justification for Emergency (If Block 15 is "Emergency"):
N/A

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐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
Byron V Peters 10/2/00	
33. M&O CCB Chair (Sign/Date):	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

ORIGINAL