

ECS Configuration Change Request

1. Originator Michelle D. Johnson	2. Log Date: 3/1/99	3. CCR #: 99-0727	4. Rev: -	5. Tel: X4033	6. Rm #: 3008E	7. Org. DD&M
8. Title of Change: Release 4PX and 4PY Implementation Earth Science Data Model for the ECS Project						
9. Originator Signature/Date <i>Michelle D. Johnson</i> 2/30/99		10. Class II	11. Type: CCR	12. Need Date: 3-6-99		
13. Office Manager Signature/Date <i>A. [Signature]</i> 3-2-99		14. Category of Change: Update Baseline		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: DID 420-TP-015-001		17. Schedule Impact: N/A		18. CI(s) Affected:N/A		
19. Release Affected: 4PX and 4PY		20. Date due to Customer: N/A		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 checked="" type="checkbox"/> Other: DID 420-TP-015-003						
24. Description of Change: (use additional Sheets if necessary) _ Changed the optionality of Zone Identifier _ Added association between ECS Granules and PSA Characteristics _ Changed association to 'OR' between SingleDateTime and RangeDateTime _ Modified DAP model to conform with physical schema _ Renamed GRing to GPolygon in Locality Spatial submodel						
25. Proposed Solution: (use additional sheets if necessary) Have the Data Management department post the updates to the data model technical paper for 4PX and 4PY to the EDHS Internal Server. Under the document posting website for Science Users' community, developers from Landover and the DAACs constituents access this information for references to data model. In addition, send out hard copies to the stipulated individuals referenced on the next page. Lastly, send a cc:mail message to DM indicating the technical paper has been posted and to close the CCR as completed.						
26. Alternate Solution: (use additional sheets if necessary) Yes, post the softcopy of this document to the Science Users' Community Bulletin Board, Release 4 Developers bulletin board, and e-mail a softcopy to the DAACs constituents. This is considered of course a more time consuming approach, which should not be considered unless it is for workaround purposes only.						
27. Consequences if Change(s) are not approved: (use additional sheets if necessary) If the changes are not posted to the website for key personnel to access mentioned above and on the next page then there is a possibility for issues to arise as to whether or not modifications and additions have been implemented within the data model during the 4PX and 4PY timeframe.						
28. Justification for Emergency (If Block 15 is "Emergency"): N/A						
29. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input 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						
30. Board Comments:				31. Work Assigned To:		
32. EDF/REL2 CCB Chair (Sign/Date): <i>M. McDonald</i> 2/2/99		33. Disposition: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> A/C <input type="checkbox"/> Disapproved <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		34. (TBD)		
35. M&O CCB Chair (Sign/Date):		36. Disposition: <input type="checkbox"/> Approved <input type="checkbox"/> A/C <input type="checkbox"/> Disapproved <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		37. CM Manager's Closure:		
38. ECS CCB Chair (Sign/Date):		39. Disposition: <input type="checkbox"/> Approved <input type="checkbox"/> A/C <input type="checkbox"/> Disapproved		40. CCR Closed Date:		

CM01 March 8, 1999

ECS/EDF/REL2 CCB

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08-04-99P01:56 0084

ADDITIONAL SHEET

CCR #: 99-0727 Rev: — Originator: Michelle D. Johnson

Telephone: X4033 Office: DEV/DD&M

Title of Change: Release 4PX and 4PY Implementation Earth Science Data Model for the ECS Project

- _ Renamed GRingPoint to GPolygonPoint in Locality Spatial submodel
- _ Changed the cardinality on PlanarCoordinateSystemContainer to PlanarCoordinateSystem Locality Spatial submodel
- _ Eliminated the association of TemporalType class from the Locality Temporal submodel
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