

CDR RID Report

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Originator Art Gaylord Phone No (413) 545-2520
Organization Univ. of Mass
E Mail Address art@cs.umass.edu
Document ECS Design Approach

RID ID	CDR	3
Review	SDPS/CSMS	
Originator Ref		
Priority	2	

Section	Page	Figure Table
Category Name	ECS System-Level	Actionee ECS
Sub Category		Related RIDs Subcategory ID

Subject Evaluation of object oriented design

Description of Problem or Suggestion:

The overall object design of this system seems to be very flat with limited inheritance. As a result there are a large number of objects, many with highly specific operations and attributes. This could make programming more difficult. Some objects are technology or product specific. There is a lack of generic classes from which these special purpose objects are derived.

Originator's Recommendation

Consider hiring an external OOD expert to evaluate this design and if necessary refine the current design.

GSFC Response by:	GSFC Response Date
HAIS Response by:	HAIS Schedule
HAIS R. E.	HAIS Response Date

Status	Open	Date Closed	Sponsor	Schroeder
	*****	Attachment if any	*****	