

LAT-ACD General and document (ICD/IDD, Env Spec etc..) Technical Issues and Status									
Any thing that could not be resolved or answered in a day or two via email or voice mail should go on that weeks update of the list									
Last update: Version 5-26-03									
M. Amato, R. Bielawski, G. S.				Important Note : Issues can no longer change row numbers between versions so new issues will now be issued new numbers					
Item #	Document # or General Item (First instance of topic area is in bold)	Para #	Item heading or Para Heading	Date Created	Description	Notes	Resolution Plan	Actionee and Due Date (some due dates were extended last week)	STATUS
12	LAT-SS-00363-D4	11.2 - to be moved to outline dwg	Cable Routing and Support	2002	Outline dwg should include cable routing and cable info (was in ICD)	Section is also to include any verbage associated with the ACD Outline Drawing.	Put his into ACD Outline Drawing - cable routing and support details.	See outline dwg	OPEN
13	LAT-SS-00363-D4	13.2	Provisions for Surveying	2002	Surveying provisions do not match the new IDD draft.		ICD refers to the LAT Survey and Alignment Plan and the ACD-LAT IDD for details.	Bielawski/Nordby (extended to 2-20-03)	CLOSED -information will be in surveying plan
14	LAT-SS-00363-D4	13.3	Integration GSE	2002	Need clarification on GSE not violating the ACD usable envelope.		ACD was confused about meaning of sentence. LAT needs more clarification of question.	R.B., M.A. 3-31-03	OPEN
15	ICD or Outline dwg or	N/A			Need to add how the electrical grounding is physically implemented.		LAT Grounding and Shielding Plan was updated. Currently under review by LAT. Send info to ACD.	Nelson 2-6-03	OPEN ?
17	Outline Drawing		ACD Outline Drawing	May-02	First draft of ACD Outline Drawing available when ?	Complete draft of Outline dwg discussed in April 02	begun. (M.Nordby, 11-06-02), ACD sent most recent CAD STEP file requested 3-20-03	Nordby 2-12-03	OPEN
18	Outline Drawing		Blanket interface and blanket grounding	Oct-02	ACD-LAT MLI blanketing scheme is TBD.	Outline dwg to show blanket grounding scheme to GRID per or close to fax sent Oct 1 2002. LAT needs to work out design details (i.e radiator placement) before MLI blanket interface can be developed.		Wang, Nordby 2-12-03	OPEN
28	LAT-TD-00788	Section 8.2	out-of-plane distortions	1/14/2003	Recommend to eliminate the use of out-of-plane distortions in sizing ACD. We use ACD-LAT coupled FEM, so the MECO design limit loads should be sufficient to load up the ACD structure realistically (provided that MECO loads have a MUF built into them).		LAT reviewing ACD recommendation. Recieved verbal notification on 3-13-03 from R.B. that LAT would consider this req to have been addressed in analysis already completed by ACD. Awaiting e-mail confirmation, ACD may decide to ask Nordby for a few more words on this just for further understanding (and for it to be signed off in updated env spec)	Nordby extended to 3-14-03	CLOSED - Martin to check analysis deflections due to loads
36	LAT-TD-00788	Section 11	On orbit thermal info	1/14/2003	in terms of predicted operational average range and cyclic temperatures and number of cycles. ACD needs on-orbit time dependent interface temperature predictions to do fatigue analysis on flexures and TDA's for long-term		initial emails exchanged with Wang, further discussion needed. We don't thinkACD got a second follow up e-mail from Wang ? Can Jeff get us this info, is it available yet?	Wang 2-6-03	CLOSED
41	LAT-TD-01205-D2	6.4	Connectors	2/23/2003	Define the connectors between the GASU and the transition board and LCB	For Thermal Vac, ACD needs to build these cables with TV penetrations.	Need response - Partially defined?, to be abswered Huffer need cable lengths - Thompson provided cabling information for TV on 3/14/03.	Huffer , Thompson 3/14/03	OPEN
42	LAT-TD-01205-D2	Appendix A	Cal Unit mechanical	2/23/2003	Define the mechanical interface for the Calibration Unit ACD tubes.	I&T agreed to provide mechanical support. ACD will work with I&T to define this.	Dialog needed.	Gawehn? 6/1/03 Thompson 7/1/03	OPEN
46	General items			3/13/03 - R.B.	Number of FREE boards that will be sent to SLAC and delivery schedule.		Needs to be negotiated. Cost info sent to LAT.	D.Thompson	OPEN
47	Req documents			5/3/2003	Update req docs to refer to Env Spec instead of GEVS, update C.G. doc tree, and power		Reqs updatd in DOORS, docs now need to be updated	M Amato	OPEN
48	Cal Csl location			3-May	ACD needs Csl layer location relative to the grid in Z direction shopwn in overla CAD assembly to check a coverage req we have	Clarifying earlier request in this action, earlier request may have been confusing	Need Current Csl hgt as shown in design from CAD system	?	OPEN