

SPIRE/PACS (CEA-SBT)	Monthly Report – November 2006	Date: December 1 st , 2006
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SPIRE-SBT-REP-002812

Work Package: Cooler

1. Subsystem Progress Since Project Inception		
FM SPIRE and PACS delivered.		
2. Subsystem Progress This Month		
<ul style="list-style-type: none"> - <i>FM1 (SPIRE) and FM2 (PACS)</i> : Delivered. - <i>PACS – Level 0 Interface</i> : Delivered to MPE – Two sets (large strap to pods) remain to be characterized <p><i>FS PACS and SPIRE</i>: Both units successfully went through HCR401(301), one week bake out, HCR402(302), the vibration tests campaign and HCR403 (no problem spotted on PACS FS). SPIRE is currently ongoing HCR303. A minor problem has been encountered on SPIRE FS: one of the screw-lock on the evaporator switch interface started to "escape" from the small stainless steel plate (on the back of the switch interface). We were able to remove this screw-lock. For the time being we simply use a screw. Before delivery this screw will be replaced by a part featuring a threaded hole and designed to remain in place.</p>		
3. Problem Areas		Remedial Action
SPIRE FS pump heat switch kinetic (OFF to ON)		New procedure proposed. To be validated thru testing
4. Engineering Activities		
5. Design Changes		
6. PA/QA Activities		
General QA management.		
7. Subsystem Management Issues		
None		
8. Actions Requiring Immediate Attention		
SBT documents approval by SPIRE and PACS projects		
9. Status of Previous Actions		
None		
10. Activities Yet to be Achieved		
11. Milestones		Status
Spring 2006	FS final assembly	Done
Summer 2006	FS acceptance program	Done for PACS FS
Autumn 2006	FS delivery	
12. Schedule Changes		
13. Joke of the Month		
<p>There were two guys working for the city. One would dig a hole -- he would dig, dig, dig. The other would come behind him and fill the hole -- fill, fill, fill. These two men worked furiously; one digging a hole, the other filling it up again. A man was watching from the sidewalk and couldn't believe how hard these men were working, but couldn't understand what they were doing. Finally he had to ask them. He said to the hole digger, "I appreciate how hard you work, but what are you doing? You dig a hole and your partner comes behind you and fills it up again!" The hole digger replied, "Oh yeah, must look funny, but the guy who plants the trees is sick today."</p>		