

SPIRE/PACS (CEA-SBT)	Monthly Report – April 2006	Date: May 9 th , 2006
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SPIRE-SBT-REP-002666

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. Undergoing tests (RAL and SAp). - <i>Heat switches</i> : 6 heat switches have been gold plated. Currently undergoing a last set of thermal tests to fine tune the ranking (in particular to check again the OFF to ON kinetic). - <i>PACS – Level 0 Interface</i> : Manufacturing almost done (EB welding phase carried out. Last machining in progress). Gold plating and thermal tests to follow. - <i>FS PACS and SPIRE</i>: Both cooler hearts are mounted in their structure. Kevlar strings have been installed and trained. Awaiting availability of heat switches to pursue assembly 		
3. Problem Areas	Remedial Action	
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
Mid 2004	FM assembling	Completed
Fall 2004	FM Acceptance program	Completed
Fall 2004	FM1 SPIRE Delivery	Completed
Summer 2005	FM2 PACS Delivery	Completed
2005/2006 (?)	FS program	On going
12. Schedule Changes		
13. Joke of the Month		
<p>A young man named John received a parrot as a gift. The parrot had a bad attitude and an even worse vocabulary. Every word out of this bird's mouth was rude, obnoxious and laced with profanity. John tried and tried to change the bird's attitude by constantly saying polite words, playing soft music, and anything he could think of to set a good example but nothing worked. Finally, John got fed up and he yelled at the parrot. And, the bird yelled back. John shook the parrot, and the bird got angrier and ruder. Eventually, in a moment of desperation, John put the bird in the refrigerator freezer. For a few minutes, John heard the bird squawk and kick and scream... then suddenly there was quiet. Not a peep for over a minute. Fearing that he'd hurt the bird, John quickly opened the door to the freezer. The parrot calmly stepped out onto John's outstretched arm and said, "I believe I may have offended you with my rude language and actions. I am truly sorry, and I will do everything to correct my poor behaviour." John was astonished at the bird's change of attitude. As he was about to ask the parrot what had made such a dramatic change in his behaviour, the bird continued, "May I ask what the chicken did?"</p>		