

SPIRE/PACS (CEA-SBT)	Monthly Report – December 2005	Date:	January 3 rd , 2006
--------------------------------	---------------------------------------	--------------	-----------------------------------

SPIRE-SBT-REP-002601

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> : Thermal characterisation to be carried out shortly. Note : CEA-SBT is now equipped with a small vibration pot (6300 Newton (capability at 30 G of 6 kg useful + 14 kg from coil and structure)). - <i>PACS – Level 0 Interface</i> : Production of large level 0 straps (between Vespel intermediate holders and pods) in progress. - <i>FS PACS and SPIRE</i>: Awaiting availability of heat switches for final integration. 		
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>After digging to a depth of 100 meters last year, French scientists found traces of copper wire dating back 1000 years, and came to the conclusion that their ancestors already had a telephone network one thousand years ago.</p> <p>Not to be outdone, in the weeks that followed, English scientists dug 200 meters and headlines in the UK papers read: “UK scientists have found traces of 2000-year- old optical fibers, and have concluded that their ancestors already had advanced high-tech digital telephone 1000 years earlier than the French.”</p> <p>One week later, the Belgium newspapers reported the following: “After digging as deep as 5000 meters, Belgium scientists have found absolutely nothing. They have concluded that 5000 years ago, their ancestors were already using wireless technology.”</p>		