

SPIRE/PACS (CEA-SBT)	Monthly Report – December 2004	Date: January 3 rd , 2005
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Work Package: Cooler

1. Subsystem Progress Since Project Inception		
FM SPIRE unit delivered. FM PACS unit acceptance program carried out		
2. Subsystem Progress This Month		
<ul style="list-style-type: none"> - FM1 (SPIRE) : DRB held Nov. 18th. Awaiting comments on EIDP. - FM2 (PACS) : “Official” acceptance program and additional thermal tests completed. EIDP is being build up. - Heat switches : New batch of 4 currently being manufactured (for spares and as replacement for PACS FS (1 used for STM titanium)). - Titanium STM : Back at SBT. Heat switch to undergo thermal tests for integrity check. - FS : program stopped - on hold : awaiting thermometers and heaters from SAP 		
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 – Delivery by SAP of thermometers and heaters for flight spare units		
9. Status of Previous Actions		
None		
10. Activities Yet to be Achieved		
11. Milestones		Status
Winter 00-01	Coolers Detailed Design	Completed
May 17 th 2001	Coolers DDR (PACS & SPIRE)	Completed
June 26 th 2001	Subcontractor selection for machining	Completed
October 2001	Parts Delivery	Completed
Spring 2003	CQM Coolers assembling	Completed
Nov/Dec 2001	STM Coolers Assembling and Vtest	Completed
Nov. 2002	STM Coolers delivery	Completed
Spring 2003	CQM Coolers Qualification	Completed
Autumn 2003	CQM Coolers Delivery	Completed
Winter 2003	FM manufacturing	Completed
Spring /		
Summer 2004	FM assembling	Completed
Fall 2004	FM Acceptance program	Completed
Fall 2004	FM1 SPIRE Delivery	Completed
Spring 2005	FM2 PACS Delivery	Cooler available
Spring 2005	FS program	On hold (lacking heaters and thermometers)
12. Schedule Changes		

HAPPY NEW YEAR