

SPIRE/PACS (CEA-SBT)	Monthly Report – January 2005	Date:	January 31 st , 2005
--------------------------------	--------------------------------------	--------------	------------------------------------

SPIRE-SBT-REP-002330

Work Package: Cooler

1. Subsystem Progress Since Project Inception		
FM SPIRE unit delivered. FM PACS unit : available for delivery		
2. Subsystem Progress This Month		
<ul style="list-style-type: none"> - FM1 (SPIRE) : DRB held Nov. 18th 2004. Awaiting comments on EIDP. - FM2 (PACS) : Available for delivery. 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 has been damaged (degraded OFF position). For PACS : new interface between cooler and level 0 strap will be studied by SBT (decoupling of thermal and mechanical functions). - 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		