

SPIRE/PACS (CEA-SBT)	Monthly Report – July 2004	Date:	August 2 nd , 2004
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SPIRE-SBT-REP-002116

Work Package: Cooler

1. Subsystem Progress Since Project Inception		
FM / FS units assembling in progress		
2. Subsystem Progress This Month		
<ul style="list-style-type: none"> - FM/FS assembling <ul style="list-style-type: none"> - Structures (4): available - Cooler hearts (4) : EB welding done (closing). Gold plating done. Proof pressure tests to follow - Heat switches (10) : assembly of miniature sorption pumps completed - all closed (EB welding). gold plating done. All switches concentricity measured. Helium filling to follow. - Titanium STM : cooler heart available – to be installed in PACS STM structure with spare switch - Cooler Drive Electronic (Lab) : extensively tested on SPIRE CQM. 		
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		
<ul style="list-style-type: none"> Winter 00-01 May 17th 2001 June 26th 2001 October 2001 Spring 2003 Nov/Dec 2001 Nov. 2002 Spring 2003 Autumn 2003 Winter 2003 Spring / Summer 2004 	<ul style="list-style-type: none"> Coolers Detailed Design Coolers DDR (PACS & SPIRE) Subcontractor selection for machining Parts Delivery CQM Coolers assembling STM Coolers Assembling and Vtest STM Coolers delivery CQM Coolers Qualification CQM Coolers Delivery FM manufacturing FM assembling 	<ul style="list-style-type: none"> Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed In progress
12. Schedule Changes		