

SPIRE/PACS (CEA-SBT)	Monthly Report – June 2004	Date: July 1 st , 2004
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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): completed. Available - Cooler heart : brazing completed. EB welding to follow (closing). Gold plating to follow (planned week 31) - Heat switches : moving slowly : delays and problems at subcontractor premises. All brazing expected to be done week 28/29. EB welding and gold plating to follow. - Titanium STM : cooler heart available – to be installed in SPIRE or PACS STM structure with spare switch - SPIRE CQM : delivered back to RAL – Performance verification successful. - 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		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	In progress
12. Schedule Changes		