SPIRE/PACS (CEA-SBT)	Monthly Report – January 2007	Date:	February 2nd, 2007

Work Package: Cooler

1. Subsystem Progress Since Project Inception
FM SPIRE and PACS delivered.

2. Subsystem Progress This Month
- *FM1 (SPIRE) and FM2 (PACS)* : Delivered. - *PACS – Level 0 Interface* : All sets delivered to MPE. Technical note to be updated. *FS PACS and SPIRE*: EIDP (incl. tests reports, etc…) are being produced. Units to be delivered once doc is completed. The solution for the screw lock problem on SPIRE FS has been accepted.

3. Problem Areas	**Remedial Action**
SPIRE FS pump heat switch kinetic (OFF to ON)	New procedure proposed. validated thru testing

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**
Spring 2006	FS final assembly	Done
Summer 2006	FS acceptance program	Done
Spring 2007	FS delivery	EIDP in progress

12. Schedule Changes

13. Joke of the Month
Three friends were having a philosophical conversation over coffee one day, when they wandered onto the question of what was the greatest invention of all time. The agronomist insisted that it was the plow, for this allowed the efficient production of food, which in turn allowed people to live together in larger groups and form complex cultures. The physicist countered, that the use of fire was the greatest invention, as this allowed man to cook his food, to stay warm, and to have light in the darkness. "No, no!" retorted the geotechnical engineer. "The greatest invention is the thermos bottle!" "That's ridiculous!" declared the others. "No, really! It keeps hot food hot, and cold food cold!" said the engineer. "So what?" "How does it know?"