

Installation of Power Supplies in the Pit

Preliminary work plan

Installation Schedule of SCT and the Needs of Power Supplies

	Date	Modules	Racks	USA15	US15
BARREL	1 March	2112	11	5.5	5.5
EC -C	25 May	988	5.2	2.6	2.6
EC -A	30 June	988	5.2	2.6	2.6
Total		4088	21.4	10.7	10.7

Work plan for installation of PS Racks

	USA15	US15	Dismounted PS racks from
Sep 05	1		Cooling test of fully loaded rack (from Oxford) Installation of the 2nd set-up for the EC at SR1
Feb 06	5		Racks from Oxford, Liverpool Delivery of Power Pack Monitor Cards (15 Feb)
Mar 06		6	6 racks from the Barrel set-up at SR1
Apr 06	2		Spare crates (tests) and rest from Liverpool
May 06	1	3	PS from NIKHEF, EC set-ups at SR1 , spare cr.
Jun/Jul 06	2	2	4 racks from the barrel setup at SR1

6 PS racks will stay at SR1 after March for testing of the EC-C and the EC-A and also two set-ups for testing of EC discs. After installation of the EC-A, 2 PS racks only will stay at SR1.

It is supposed that before series installation of PS each rack will be equipped with:

- **Turbine, heat exchangers, distribution chassis, smoke and temperature sensors**
- **DCS cables with connectors (DCS and VCSEL interlocks)**
- **CANbus cables with Local work station in each cavern**
- **Type IV cables with connectors inside the racks**

Power Pack Monitor Cards should be delivered for tests at CERN not later than in 15 Feb 06