



Cryomagnets Interconnections

- ❖ Connection Cryostats
- ❖ Consolidation of sector 4-5
- ❖ SC-RP samples
- ❖ Quick interconnection overview



(Inter)Connection Cryostats Status

Sector	Repair of ICCs
1-2	Completed
2-3	Completed
3-4	Completed
4-5	ELQA OK ; under leak test
5-6	At next warm-up - 3 units - Spare units to be built ?
6-7	Completed
7-8	Completed
8-1	Completed



Consolidation of sector 4-5

Sector 4-5 Consolidation			<u>Schedule</u>	Remark
1	Plug-in modules	All rewelded / under leak test	Critical	PIM WG in W19
2	Photometer test	Completed	OK	Positive results / To be analysed
3	Y lines	X lines leak tested / under closure	OK	Contractual discussions with Contractor
4	Helium guards	All repaired / under leak test	OK	In parallel with insulation vacuum test
5	Leaks	Repaired / under leak test	OK	
6	Triplet 5L	DFBX jumpers under closure	Critical	Interference with shielding wall
7	Q5R4	Closed	OK	Radial motion not yet understood
8	Connection Cryostats	Completed / under test	OK	
9	CC splices	Not critical	Done	
10	DFBs cables	Not to be done	NA	

- * All ICs planned to be re-closed for 30/4/2008 = End date of F523 Contract
- * MCS + FSU team available later in case needed ; but less capacity



Insertion of Material Samples for the Experimental Verification of Induced Radioactivity

L Ulrici/ L Nicolas SC/RP

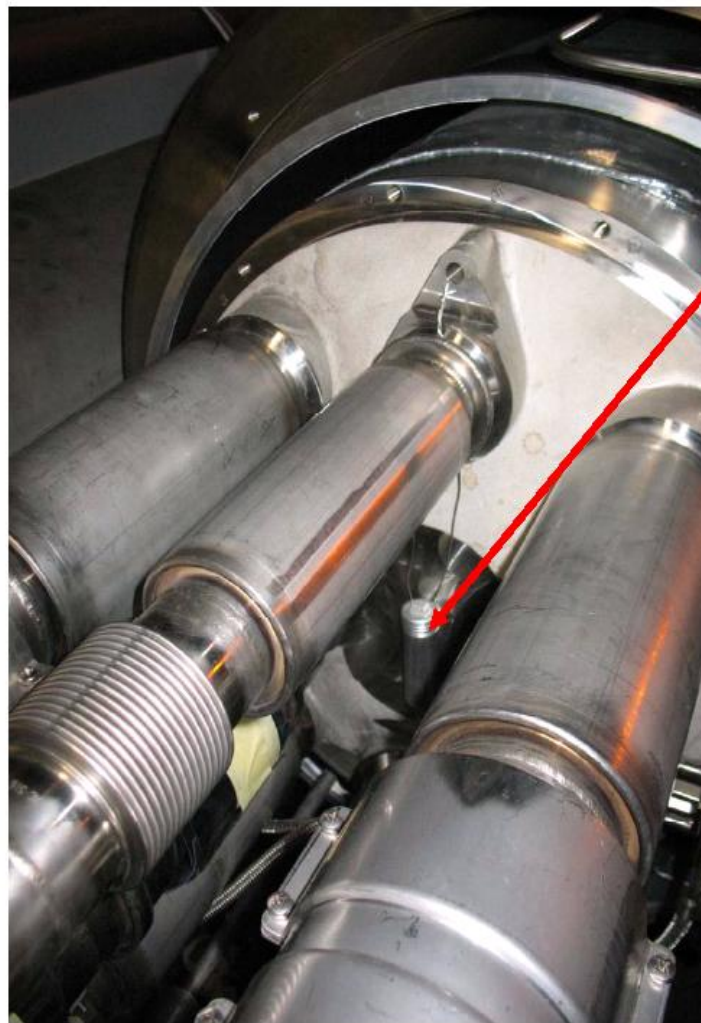
Engineering Change Request LHC-LI-EC-0001: approval closed

Comments under integration in new version



Half yoke samples, fixed with stainless steel threaded rod (M10x100mm), 3 washers and 3 nuts.

Replaced by stainless steel collar samples



Cylindrical aluminum box with pass-through 3mm holes, fixed with stainless steel cable to X-line. It shall be positioned between the two beam lines. Inside there are: Dosimeter, collar coil sample, superconducting cable sample.



Quick IC overview

Sector	On-going
1-2	Flushing
2-3	Cool-down
3-4	Preparation for CD
4-5	Consolidation
5-6	Cold
6-7	Cool-down
7-8	Cool-down
8-1	Cool-down

23 ICs opened:

22 in the arc ; all in 4-5

1 in LSS : L5 triplet

1 DFBX jumper

LHC SECTORS OPENINGS FOLLOWUP

	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-1		1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-1
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