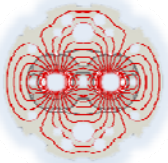


MMM and TEMB - 23 February, 2009

Status Report of Magnet Work Week 08 / 2009

Francesco Bertinelli - TE/MSC

On behalf of - and with several contributions from - surface and IC teams



Surface News Week 08/2009

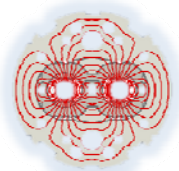
End activity week 5	Magnets	Quantity
Cryostating	2428-3118-SSS221	3
Cold testing	2427-2739	2
Stripping	2432-SSS243	2
Beam screen integration	2434-2436	2
Tunnel preparation	2422-2624	2
Installation (=pose)	2624	1

End activity week 7	Magnets	Quantity
Cryostating	2035-2103-2441-SSS225	4
Cold testing	2421-2429-2440-SSS221	4
Stripping	1085-SSS369	2
Beam screen integration	2432	1
Tunnel preparation	2432	1
Installation (=pose)	2342	1

End activity week 6	Magnets	Quantity
Cryostating	2433-2443-SSS195	3
Cold testing	1085-SSS369	2
Stripping	2739	1
Beam screen integration	2399-SSS055	2
Tunnel preparation	2342-2399-2434-2436-SSS055	5
Installation (=pose)	2434-2436	2

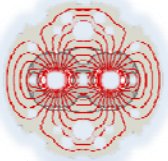
End activity week 8	Magnets	Quantity
Cryostating	1071-1092-1099-2192-SSS227	5
Cold testing	2418-2435-2446-3118-SSS195-SSS203	6
Stripping	2421-2429-SSS221	3
Beam screen integration	2739-SSS243	2
Tunnel preparation	SSS243	1
Installation (=pose)	2432-2399	2

Courtesy A. Russo



Surface News Week 08/2009

- Cold testing:
 - MB 2427 (18nΩ old measurement) and MB 2690 (18 nΩ old measurement) under re-test: results in this week 09
 - MB 3383 will be prepared for retesting
- Stripping (SMA18):
 - 2nd team from SMI2 started to increase capacity as planned
- Beam screen mounting (SMI2):
 - will see increase in demand (4-6 magnets per week, 4 initially planned): welding resources may become critical



Installation Week 08/2009

Secteur 3-4
 Situation semaine 8/09 (du 16.02.09 au 20.02.09)
 Réinstallation des aimants semaines 9/09 (23.02.09 au 27.02.09) et 10/09 (du 02.03.09 au 06.03.09)

<= Point 3		Function				Function			
		A	B	C	Q/WITH JUMPER	A	B	C	Q
Sub-sector G	Decm (stat)	LBBLA 3115 7479.2 C19R3	LBALA 1091 7494.8	LBBLD 3099 7510.5	SSS228 7526.1 Q19	LBALA 3152 7532.6 C19R3	LBBLA 1130 7548.3 B20	LBALB 2094 7563.9 C20	SSS105 7579.0 Q20
	Decm (stat)	LBBLA 2035 7586.1 C19R3	LBALA 1093 7601.70 B21	LBBLD 1099 7617.4 C21	SSS225 7633.0 Q21	LBALA 1095 7639.5 C19R3	LBBLA 3116 7655.2 B22	LBALB 1071 7670.0 C22	SSS203 7686.5 Q22
	Decm (stat)	LBALA 2430 7693.0 C19R3	LBALA 2799 7708.0 B23	LBBLD 2399 7724.3 C23	SSS243 7739.9 Q23	LBALA 2436 7746.4 C19R3	LBBLA 2434 7762.1 B24	LBALB 2439 7777.7 C24	SSS277 7793.4 Q24
Sub-sector F	Function	26.02.09		26.02.09					
	Decm (stat)	LBBLA 3183 7799.9 C19R3	LBALA 2739 7815.5 B25	LBBLD 3422 7831.2 C25	SSS218 7846.8 Q25	LBALA 2446 7853.3 C19R3	LBBLA 2433 7869.0 B26	LBALB 2598 7884.6 C26	SSS208 7900.3 Q26
	Decm (stat)	LBBLA 2427 7906.8 C19R3	LBALA 2699 7922.4 B27	LBBLD 1219 7938.1 C27	SSS265 7953.7 Q27	LBALA 2688 7960.2 C19R3	LBBLA 2421 7975.9 B28	LBALB 2561 7991.5 C28	SSS369 8007.2 Q28
	Decm (stat)	LBBLA 2419 8013.7 C19R3	LBALA 2342 8029.3 B29	LBBLD 3418 8045.0 C29	SSS221 8060.6 Q29	LBALA 2435 8057.1 C19R3	LBBLA 2428 8082.8 B30	LBBLA 2444 8098.4 C30	SSS406 8114.1 Q30
	Decm (stat)	LBBLA 2440 8120.6 C19R3	LBALA 3413 8136.2 B31	LBBLD 2429 8151.9 C31	SSS192 8167.5 Q31	LBALA 2634 8174.0 C19R3	LBBLA 2252 8189.7 B32	LBBLA 2443 8205.3 C32	SSS279 8221 Q32
Sub-sector E	Decm (stat)	LBBLA 2193 8227.5 C19R3	LBALA 2192 8243.1 B33	LBBLD 2188 8258.6 C33	SSS227 8274.4 Q33	LBALA 2177 8290.9 C19R3	LBBLA 1100 8296.0 B34	LBALB 1246 8312.2 C34	LOGBR 0202 8327.9 Q34

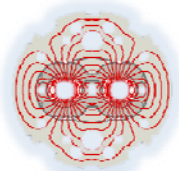
Point 4 =>

Slot libre	Prévision réinstallation	Éléments réinstallés	dd/mm/yy	Date de transport et mise en place
↓	↓	↓	○	↓
Cantons électriques		Jumper à reprendre		

Prepared by H. Gaillard

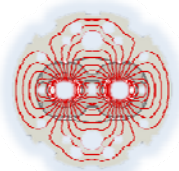
Page 1/1

Courtesy H. Gaillard



Tunnel News Week 08/2009

- 3-4:
 - Interconnection work started in D-area: welding PIMs, E, Y and C'
 - Outside D-area: will start PIM welding in DS L4 Wednesday 25 February after OK from VAC (and BPM and VAC tacking PIMs)
 - 2 W openings and 2 PIM cutting planned for W09 (VAC request to remove MLI from PIMs)
 - BB brazing not started: last minute breakdown of induction machine
- 1-2 shutdown:
 - Interconnection work on B16R1 ongoing
- 5-6 shutdown:
 - CC headaches! Difficulty of accessibility to insulate 11L6 M1 and 17th CC in 5L6 M3
- SAM: everything available ongoing, but future work (2-3, 6-7 and 4-5) comes all together in W11



Pressure relief DN200 News

- SMA18: 19 magnets done, 22 nozzles welded
- 1-2: all magnets preparation finished (removed paint): 6 magnets done, 9 nozzles welded
- 3-4: magnet preparation stopped (to avoid dust wrt VAC), cleaner solution to be tested this week09
- 5-6: all magnets preparation finished: 2 magnets done, 3 nozzles welded
- Dubna team starting Saturday work in Week09
- Cutting tooling in better shape, consolidation continues
- SAM and triplets: ongoing calculations CRG

Courtesy JC. Perez