



LHC-LS2 2018/21

WP11 installation: preparation and coordination meeting #1

11th April, 2019

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EN/ACE/OSS

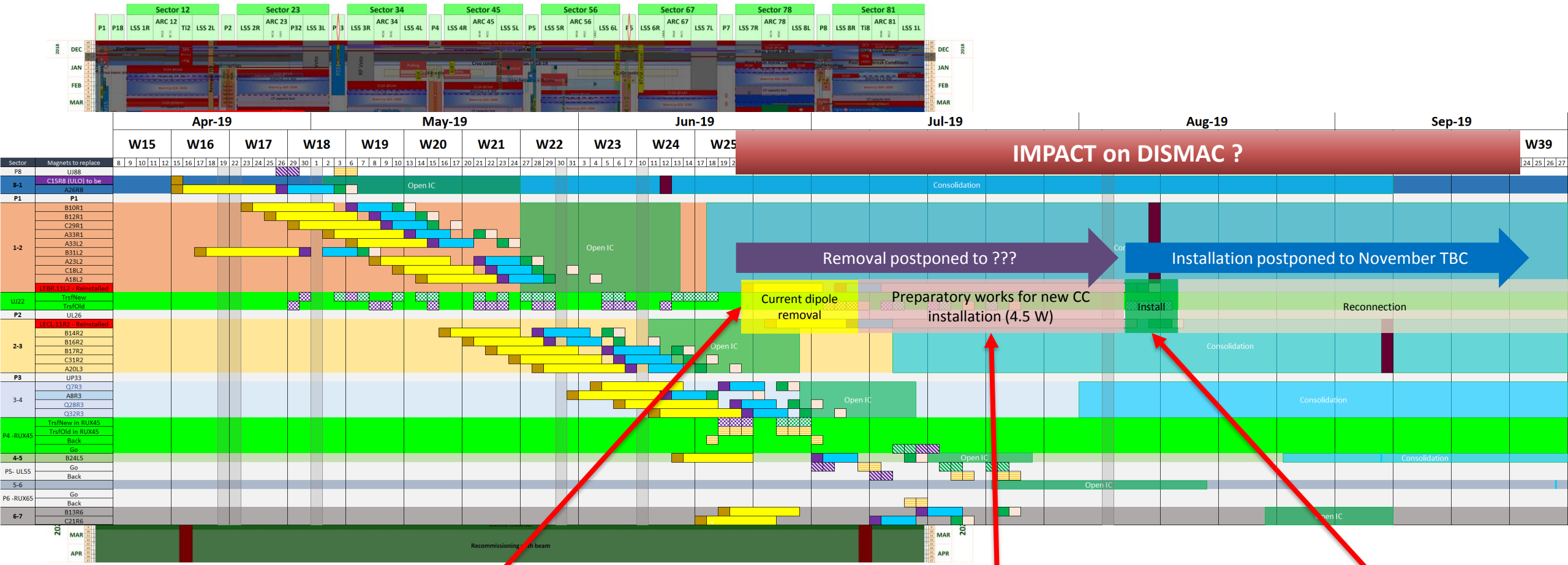


Introduction

- Presentation of planning constraints and planning integration in LHC general planning
- Based on : POINT2 Connection Cryostat Full Assembly Integration Study, [EDMS 1904996](#)



LHC-LS2: HL-LHC WP11 in P2



Cryostat removal in P2 included in Magnet Exchange campaign (W25-27 → 21st June to 4th July 2019)

Preparatory works for new CC installation from W28 to W31 2019 (W28 –W32 → 9th July to 6th August 2019)

New CC installation from P2 –RB24



Activities sequences and durations estimation

Current dipole removal

Preparatory works for new CC installation

Install

Reconnection

ID	Task Name	Duration	Groups
263	CC-C11L2	120 days	
264	Milestones Cryostat Connection	0 days	TE-MS
267	Preparatory works prior Dipole Removal	2 days	
268	BLM disconnection, cable-au fil removal	2 days	
269	Old Dipole Removal	8 days	
270	Disconnection	6 days	TE-MS
271	Removal old magnet	1 day	EN-HE
272	Preparatory Works prior CC installation	15 days	TE-MS
273	IC repairing	3 days	TE-MS
274	Cable trays displacement at TCLD Area	1 day	EN-EL
275	Floor leveling (= removal of semelles en beton)	0.5 days	EN-ACE
276	Floor Tracing (LEP + LEN + TCLD) C11L2	1 day	EN-SMM
277	Jacks holes drilling	0.5 days	EN-ACE
278	New Compressed air connections	1 day	EN-CV
279	Sector valves cabling	1 day	TE-VSC
280	BLM Cabling re-routing	1 day	BE-BI
281	Jacks installation (LEP + LEN + TCLD) C11L2	1 day	EN-HE
282	Jacks' head to nominal position alignment (LEP + LEN + TCLD) C11L2	2 days	EN-SMM
283	Jack's anchoring sole	2 days	EN-ACE
284	TCLD Support installation	1 day	EN-HE
285	TCLD Platform above QRL installation	1 day	EN-STI
286	CC-C11L2 Installation and reconnection	2 days	
287	Transport 2 LEP (from P2 RB24 - TBC)	1 day	EN-HE
288	Transport LEN (from P2 RB24 - TBC)	1 day	EN-HE
289	Post installation activities	72 days	
290	Magnet alignment CC-C11L2	2 days	EN-SMM
291	PIMs reconnection	2 days	TE-MS
292	2 LEP & 1 LEN connection (into account ELQA + leak tests)	12 wks	TE-MS
293	DN90 Valves closing in adjacent quadrupoles	1 day	TE-VSC
294	Flow meters + temperature sensors installation	2 days	TE-CRG
295	6U Racks installation and connection	2 days	TE-MPE
296	New BLM installation	1 day	BE-BI
297	TE-CRG Limited stay areas	2 days	SMB-SE

