

Motivations and need for this set of Meetings:

- Start to work on a “Draft0” for the LS3 Activity Plan at IR1 and IR5 (*that will start with the machine equipment dismantling*) as this is requested by Project and C&S Reviewers
- We have to present an adequate 1st version of this “Draft0” at the next **C&SR in Nov 2019!**
→ draft circulation in the Project and Departments should start at ~June 2019
- Some critical activities linked with the dismantling and needing management/contractual decisions must be also analyze soon. They are:
 - the de-cabling (*it will be a quite long activity, we have to study/decide the best approach for that*)
 - cores openings for SLink and RF CC feeding (*the CE contracts for that are not yet defined and placed*)
- Optimization of the dismantling planning will need to work on:
 - Parallelism of activities
 - Cohabitation of activities
 - Synergies of activitiessince this will impact on time duration and global resources (staff and money).

LS3 Study & Readiness Meetings

Expected targets and outcome from these Meetings:

- Not expected to have recurrent meetings for each WP (*at least for now*)
- Meetings should not go too much inside technical details but:
- Collect and discuss the **boundary conditions** and **inputs** that will impact on dismantling *e.g. RP and safety aspects, transports limitation and logistic aspects, (parallelism, co-activities and eventual synergies), etc.*
- Collect all info that will be necessary to start the preparation on the “Draft0” planning (i.e. the correct setting of activities and sub-activities: parallel and co-habitation of different WPs or different teams inside a WP; etc.)
- Check the existence of:
 - dismantling **procedures**,
 - **special tooling** procurement or revamping (*consider staff resources for that task*),
 - **transport tooling** procurement (*consider staff resources for that task*),
 - note any eventual existing **open issue** that needs study and any other activity, study, actions to be launched and when (→ ACTIONS LIST)

LS3 Study & Readiness Meetings

Cryo-Assemblies and Magnets in P1 and P5 that will be dismantled in beginning of LS3

In red the cryostats/warm magnets to take out, in black the cold masses/magnets for information

#	Layout Name	Beam	Name	Type	DCUM centre (m)	Distance from IP (η)	IR	IP Side	MTF Link	Layout DB Link	
1	LQXAA.1R1	B1,B2	Q1R1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	26.3940	26.3940	1	Right	MTF	Layout DB	
1.1	MQXA.1R1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q1)	26.1500	26.1500	1	Right	MTF	Layout DB	
1.2	MCBX.1R1	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	29.8420	29.8420	1	Right	MTF	Layout DB	
2	LQXBA.2R1	B1,B2	Q2R1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	37.4750	37.4750	1	Right	MTF	Layout DB	
2.1	MCXB.A2R1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q2A)	34.8000	34.8000	1	Right	MTF	Layout DB	
2.2	MCBX.2R1	B1,B2	Q2A	Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	38.0190	38.0190	1	Right	MTF	Layout DB	
2.3	MCXB.B2R1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q2B)	41.3000	41.3000	1	Right	MTF	Layout DB	
3	LQXAG.3R1	B1,B2	Q3R1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	49.6120	49.6120	1	Right	MTF	Layout DB	
3.1	MCXS.3R1	B1,B2		Skew Quadrupole (a2) in MQXA	46.6080	46.6080	1	Right	MTF	Layout DB	
3.2	MQXA.3R1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q3)	50.1500	50.1500	1	Right	MTF	Layout DB	
3.3	MCBXA.3R1	B1,B2		Single Aperture (70mm) Orbit Corrector Associated to MQX Close to Q2 and C	53.8140	53.8140	1	Right	MTF	Layout DB	
3.4	MCSOX.3R1	B1,B2		Inner Triplet Corrector Assembly (a3,a4,b4)	54.2970	54.2970	1	Right	MTF	Layout DB	
4.1	MBXW.A4R1	B1,B2		D1R1	Single Aperture Warm Dipole Module D1 in IR1 and IR5	61.2600	61.2600	1	Right	MTF	Layout DB
4.2	MBXW.B4R1	B1,B2			Single Aperture Warm Dipole Module D1 in IR1 and IR5	65.5260	65.5260	1	Right	MTF	Layout DB
4.3	MBXW.C4R1	B1,B2	Single Aperture Warm Dipole Module D1 in IR1 and IR5		69.7920	69.7920	1	Right	MTF	Layout DB	
4.4	MBXW.D4R1	B1,B2	Single Aperture Warm Dipole Module D1 in IR1 and IR5		74.0580	74.0580	1	Right	MTF	Layout DB	
4.5	MBXW.E4R1	B1,B2	Single Aperture Warm Dipole Module D1 in IR1 and IR5		78.3240	78.3240	1	Right	MTF	Layout DB	
4.6	MBXW.F4R1	B1,B2	Single Aperture Warm Dipole Module D1 in IR1 and IR5	82.5900	82.5900	1	Right	MTF	Layout DB		
5	LBRC.D4R1	B1,B2	D2R1	Separation Dipole D2, Type D (Right of IP 1,2 and 8)	157.8400	157.8400	1	Right	MTF	Layout DB	
6	LQYCH.4R1	B1,B2		Short Straight Section Cryo-Assembly with MQY	168.0190	168.0190	1	Right	MTF	Layout DB	
6.1	MCBYA.A4R1	B1,B2	Q4R1	Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	164.4390	164.4390	1	Right	MTF	Layout DB	
6.2	MCBYB.4R1	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Vertically and Internal Aperture Horizontally	165.7350	165.7350	1	Right	MTF	Layout DB	
6.3	MCBYA.B4R1	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	167.0310	167.0310	1	Right	MTF	Layout DB	
6.4	MQY.4R1	B1,B2		Insertion Region Wide Aperture Quadrupole 3.4 m	169.5530	169.5530	1	Right	MTF	Layout DB	
7	LQND.C5R1	B1,B2	Q5R1	Short Straight Section Cryo-Assembly	196.1865	196.1865	1	Right	MTF	Layout DB	
7.1	MCBCB.5R1	B1,B2		Orbit Corrector Associated to MQM, MQML or MQMC+MQM. External Aperture Corrected Vertically and Internal Aperture Horizontally	193.4480	193.4480	1	Right	MTF	Layout DB	
7.2	MQML.5R1	B1,B2		Insertion Region Quadrupole 4.8 m	196.4900	196.4900	1	Right	MTF	Layout DB	

LS3 Study & Readiness Meetings

Cryo-Assemblies and Magnets in P1 and P5 that will be dismantled in beginning of LS3

In red the cryostats/warm magnets to take out, in black the cold masses/magnets for information

#	Layout Name	Beam	Name	Type	DCUM centre (m)	Distance from IP (m)	IR	IP Side	MTF Link	Layout DB Link
8	LQXAA.1L1	B1,B2	Q1L1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	26632.4892	-26.3940	1	Left	MTF	Layout DB
8.1	MQXA.1L1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q1)	26632.7332	-26.1500	1	Left	MTF	Layout DB
8.2	MCBX.1L1	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	26629.0412	-29.8420	1	Left	MTF	Layout DB
9	LQXBB.2L1	B1,B2	Q2L1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	26621.4082	-37.4750	1	Left	MTF	Layout DB
9.1	MQXB.A2L1	B1,B2	Q2A	Single Aperture Inner Triplet Quadrupole (Q2A)	26624.0832	-34.8000	1	Left	MTF	Layout DB
9.2	MCBX.2L1	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	26620.8642	-38.0190	1	Left	MTF	Layout DB
9.3	MQXB.B2L1	B1,B2	Q2B	Single Aperture Inner Triplet Quadrupole (Q2B)	26624.0832	-34.8000	1	Left	MTF	Layout DB
10	LQXAH.3L1	B1,B2	Q3L1	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	26609.2712	-49.6120	1	Left	MTF	Layout DB
10.1	MQSX.3L1	B1,B2		Skew Quadrupole (a2) in MQSXA	26612.2752	-46.6080	1	Left	MTF	Layout DB
10.2	MQXA.3L1	B1,B2		Single Aperture Inner Triplet Quadrupole (Q3)	26608.7332	-50.1500	1	Left	MTF	Layout DB
10.3	MCBXA.3L1	B1,B2		Single Aperture (70mm) Orbit Corrector Associated to MQX Close to Q2 and C	26605.0692	-53.8140	1	Left	MTF	Layout DB
10.4	MCSOX.3L1	B1,B2		Inner Triplet Corrector Assembly (a3,a4,b4)	26605.0692	-53.8140	1	Left	MTF	Layout DB
11.1	MBXW.A4L1	B1,B2	D1L1	Single Aperture Warm Dipole Module D1 in IR1 and IR5	26597.4992	-61.3840	1	Left	MTF	Layout DB
11.2	MBXW.B4L1	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	26593.2952	-65.5880	1	Left	MTF	Layout DB
11.3	MBXW.C4L1	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	26589.0292	-69.8540	1	Left	MTF	Layout DB
11.4	MBXW.D4L1	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	26584.7012	-74.1200	1	Left	MTF	Layout DB
11.5	MBXW.E4L1	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	26580.4352	-78.4480	1	Left	MTF	Layout DB
11.6	MBXW.F4L1	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	26576.1692	-82.7140	1	Left	MTF	Layout DB
12	LBRC.C.4L1	B1,B2	D2L1	Separation Dipole D2, Type D (Right of IP 1,2 and 8)	26501.2432	-157.6400	1	Left	MTF	Layout DB
13	LQYCF.4L1	B1,B2		Short Straight Section Cryo-Assembly with MQY	26490.8642	-168.0190	1	Left	MTF	Layout DB
13.1	MCBYB.A4L1	B1,B2	Q4L1	Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Vertically and Internal Aperture Horizontally	26494.4442	-164.4390	1	Left	MTF	Layout DB
13.2	MCBYA.4L1	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	26493.1482	-165.7350	1	Left	MTF	Layout DB
13.3	MCBYB.B4L1	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Vertically and Internal Aperture Horizontally	26491.8522	-167.0310	1	Left	MTF	Layout DB
13.4	MQY.4L1	B1,B2		Insertion Region Wide Aperture Quadrupole 3.4 m	26489.3302	-169.5530	1	Left	MTF	Layout DB
14	LQND.C.5L1	B1,B2		Short Straight Section Cryo-Assembly	26462.0897	-196.7935	1	Left	MTF	Layout DB
14.1	MQML.5L1	B1,B2	Q5L1	Insertion Region Quadrupole 4.8 m	26462.3932	-196.4900	1	Left	MTF	Layout DB
14.2	MCBCB.5L1	B1,B2		Orbit Corrector Associated to MQM, MQML or MQMC+MQM. External Aperture Corrected Vertically and Internal Aperture Horizontally	26459.3512	-199.5320	1	Left	MTF	Layout DB

LS3 Study & Readiness Meetings

Cryo-Assemblies and Magnets in P1 and P5 that will be dismantled in beginning of LS3

In red the cryostats/warm magnets to take out, in black the cold masses/magnets for information

#	Layout Name	Beam	Name	Type	DCUM centre (m)	Distance from IP (m)	IR	IP Side	MTF Link	Layout DB Link
15	LQXA.1R5	B1,B2		Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13355.8356	26.3940	5	Right	MTF	Layout DB
15.1	MQXA.1R5	B1,B2	Q1R5	Single Aperture Inner Triplet Quadrupole (Q1)	13355.5916	26.1500	5	Right	MTF	Layout DB
15.2	MCBX.1R5	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	13359.2836	29.8420	5	Right	MTF	Layout DB
16	LQXB.2R5	B1,B2	Q2R5	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13366.9166	37.4750	5	Right	MTF	Layout DB
16.1	MQXB.A2R5	B1,B2	Q2AR5	Single Aperture Inner Triplet Quadrupole (Q2A)	13364.2416	34.8000	5	Right	MTF	Layout DB
16.3	MCBX.2R5	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	13367.4606	38.0190	5	Right	MTF	Layout DB
16.3	MQXB.B2R5	B1,B2	Q2BR5	Single Aperture Inner Triplet Quadrupole (Q2B)	13370.7416	41.3000	5	Right	MTF	Layout DB
17	LQXAG.3R5	B1,B2		Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13379.0536	49.6120	5	Right	MTF	Layout DB
17.1	MQSX.3R5	B1,B2		Skew Quadrupole (a2) in MQSXA	13376.0496	46.6080	5	Right	MTF	Layout DB
17.2	MQXA.3R5	B1,B2	Q3R5	Single Aperture Inner Triplet Quadrupole (Q3)	13379.5916	50.1500	5	Right	MTF	Layout DB
17.3	MCBXA.3R5	B1,B2		Single Aperture (70mm) Orbit Corrector Associated to MQX Close to Q2 and Q3	13383.2556	53.8140	5	Right	MTF	Layout DB
17.4	MCSOX.3R5	B1,B2		Inner Triplet Corrector Assembly (a3,a4,b4)	13383.7386	54.2970	5	Right	MTF	Layout DB
18.1	MBXW.A4R5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13390.7016	61.2600	5	Right	MTF	Layout DB
18.2	MBXW.B4R5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13394.9676	65.5260	5	Right	MTF	Layout DB
18.3	MBXW.C4R5	B1,B2	D1R5	Single Aperture Warm Dipole Module D1 in IR1 and IR5	13399.2336	69.7920	5	Right	MTF	Layout DB
18.4	MBXW.D4R5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13403.4996	74.0580	5	Right	MTF	Layout DB
18.5	MBXW.E4R5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13407.7656	78.3240	5	Right	MTF	Layout DB
18.6	MBXW.F4R5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13412.0316	82.5900	5	Right	MTF	Layout DB
19	LBRCD.4R5	B1,B2	D2R5	Separation Dipole D2, Type D (Right of IP 1,2 and 8)	13487.0816	157.6400	5	Right	MTF	Layout DB
20	LQYCH.4R5	B1,B2		Short Straight Section Cryo-Assembly with MQY	13497.4606	168.0190	5	Right	MTF	Layout DB
20.1	MCBYA.A4R5	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	13497.4606	168.0190	5	Right	MTF	Layout DB
20.2	MCBYB.4R5	B1,B2	Q4R5	Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Vertically and Internal Aperture Horizontally	13495.1766	165.7350	5	Right	MTF	Layout DB
20.3	MCBYA.B4R5	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	13496.4726	167.0310	5	Right	MTF	Layout DB
20.4	MQY.4R5	B1,B2		Insertion Region Wide Aperture Quadrupole 3.4 m	13498.9946	169.5530	5	Right	MTF	Layout DB
21	LQND.C5R5	B1,B2		Short Straight Section Cryo-Assembly	13526.2351	196.7935	5	Right	MTF	Layout DB
21.1	MQML.5R5	B1,B2	Q5R5	Insertion Region Quadrupole 4.8 m	13525.9316	196.4900	5	Right	MTF	Layout DB
21.2	MCBCA.5R5	B1,B2		Orbit Corrector Associated to MQM, MQML or MQMC+MQM. External Aperture Corrected Horizontally and Internal Aperture Vertically	13528.9736	199.5320	5	Right	MTF	Layout DB
28.2	MQML.5L5	B1,B2	Q5L5	Insertion Region Quadrupole 4.8 m	13132.9516	-196.4900	5	Left	MTF	Layout DB

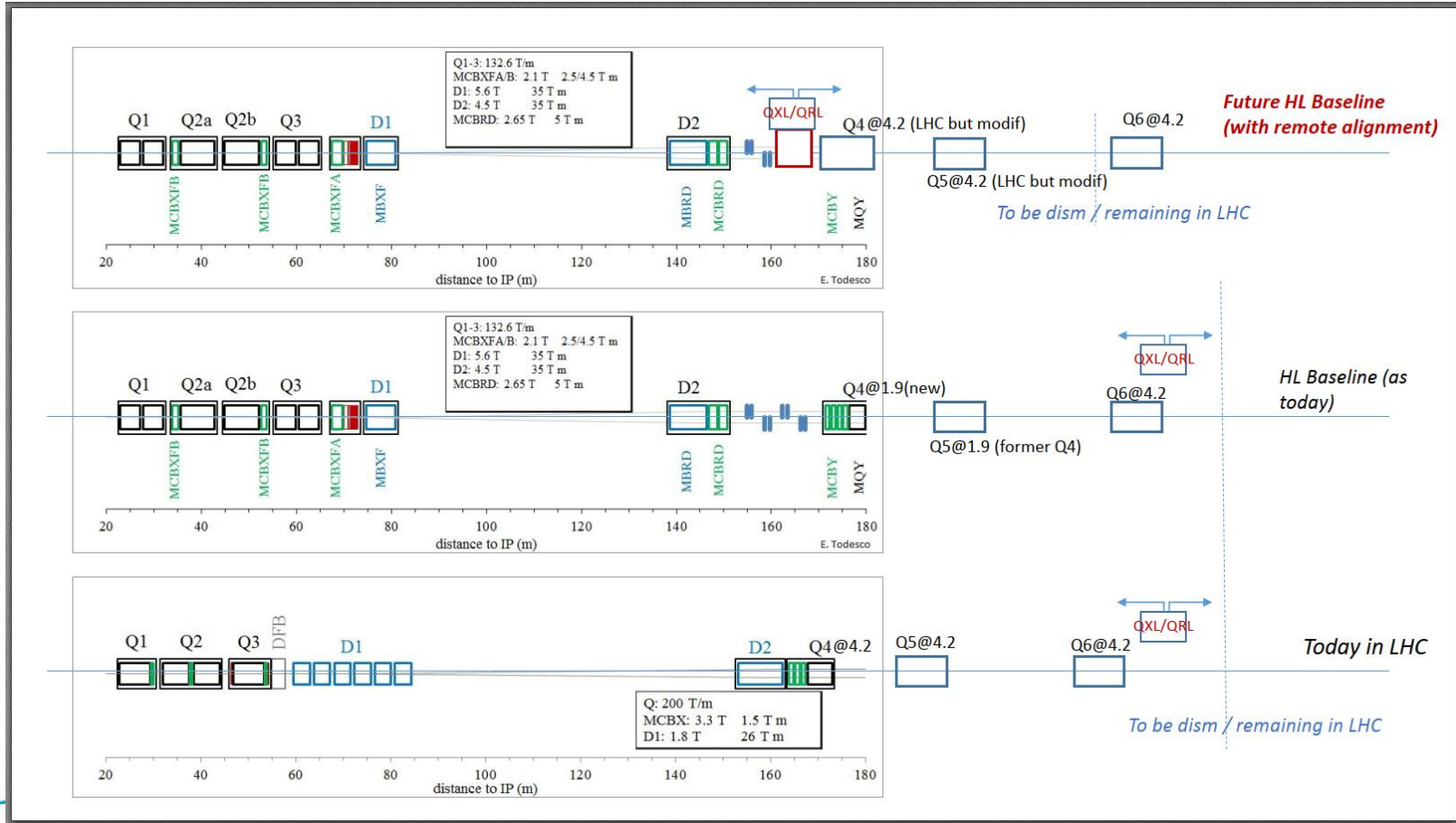
LS3 Study & Readiness Meetings

Cryo-Assemblies and Magnets in P1 and P5 that will be dismantled in beginning of LS3

In red the cryostats/warm magnets to take out, in black the cold masses/magnets for information

#	Layout Name	Beam	Name	Type	DCUM centre (m)	Distance from IP (m)	IR	IP Side	MTF Link	Layout DB Link
22	LQXAB.1L5	B1,B2	Q1L5	Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13303.0476	-26.3940	5	Left	MTF	Layout DB
22.1	MCXA.1L5	B1,B2		Single Aperture Inner Triplet Quadrupole (Q1)	13303.2916	-26.1500	5	Left	MTF	Layout DB
22.2	MCBX.1L5	B1,B2	Q2L5	Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	13299.5996	-29.8420	5	Left	MTF	Layout DB
23	LQXBB.2L5	B1,B2		Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13291.9666	-37.4750	5	Left	MTF	Layout DB
23.1	MCXB.A2L5	B1,B2	Q2AL5	Single Aperture Inner Triplet Quadrupole (Q2A)	13294.6416	-34.8000	5	Left	MTF	Layout DB
23.2	MCBX.2L5	B1,B2		Single Aperture (70mm) Orbit Corrector in Inner Triplet Quadrupoles	13291.4226	-38.0190	5	Left	MTF	Layout DB
23.3	MCXB.B2L5	B1,B2	Q2BL5	Single Aperture Inner Triplet Quadrupole (Q2B)	13288.1416	-41.3000	5	Left	MTF	Layout DB
24	LQXAH.3L5	B1,B2		Short Straight Section Cryo-Assembly (Insertion Inner Triplet)	13279.8296	-44.3420	5	Left	MTF	Layout DB
24.1	MQSX.3L5	B1,B2	Q3L5	Skew Quadrupole (a2) in MQSXA	13282.8336	-46.6080	5	Left	MTF	Layout DB
24.2	MCXA.3L5	B1,B2		Single Aperture Inner Triplet Quadrupole (Q3)	13279.2916	-50.1500	5	Left	MTF	Layout DB
24.3	MCBXA.3L5	B1,B2		Single Aperture (70mm) Orbit Corrector Associated to MQX Close to Q2 and Q3	13275.6276	-53.8140	5	Left	MTF	Layout DB
24.4	MCSOX.3L5	B1,B2		Inner Triplet Corrector Assembly (a3,a4,b4)	13275.1446	-54.2970	5	Left	MTF	Layout DB
25.1	MBXW.A4L5	B1,B2	D1L5	Single Aperture Warm Dipole Module D1 in IR1 and IR5	13268.0576	-61.3220	5	Left	MTF	Layout DB
25.2	MBXW.B4L5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13263.7916	-65.5880	5	Left	MTF	Layout DB
25.3	MBXW.C4L5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13259.5256	-69.8540	5	Left	MTF	Layout DB
25.4	MBXW.D4L5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13253.3016	-74.1200	5	Left	MTF	Layout DB
25.5	MBXW.E4L5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13250.9936	-78.3860	5	Left	MTF	Layout DB
25.6	MBXW.F4L5	B1,B2		Single Aperture Warm Dipole Module D1 in IR1 and IR5	13244.7696	-82.6520	5	Left	MTF	Layout DB
26	LBRCA.4L5	B1,B2	D2L5	Separation Dipole D2, Type D (Right of IP 1,2 and 8)	13171.8016	-157.6400	5	Left	MTF	Layout DB
27	LQYCB.4L5	B1,B2		Short Straight Section Cryo-Assembly with MQY	13161.4226	-168.0190	5	Left	MTF	Layout DB
27.1	MCBYA.A4L5	B1,B2	Q4L5	Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	13165.0026	-164.4390	5	Left	MTF	Layout DB
27.2	MCBYA.4L5	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Horizontally and Internal Aperture Vertically	13163.7066	-165.7350	5	Left	MTF	Layout DB
27.3	MCBYB.B4L5	B1,B2		Wide Aperture Orbit Corrector Associated to MQY. External Aperture Corrected Vertically and Internal Aperture Horizontally	13162.4106	-167.0310	5	Left	MTF	Layout DB
27.4	MQY.4L5	B1,B2		Insertion Region Wide Aperture Quadrupole 3.4 m	13159.8886	-169.5530	5	Left	MTF	Layout DB
28	LQNDA.5L5	B1,B2	Q5L5	Short Straight Section Cryo-Assembly	13133.2551	-196.1865	5	Left	MTF	Layout DB
28.1	MCBCA.5L5	B1,B2		Orbit Corrector Associated to MQM, MQML or MQMC+MQM. External Aperture Corrected Vertically and Internal Aperture Horizontally	13135.9936	-193.4480	5	Left	MTF	Layout DB
28.2	MQML.5L5	B1,B2		Insertion Region Quadrupole 4.8 m	13132.9516	-196.4900	5	Left	MTF	Layout DB

LS3 Study & Readiness Meetings



For discussion

LS3 Study & Readiness Meetings

Some collected info from WP3:

	Object	Location	Date	Description
WP3	Magnets	IP1-IP5	06/02/18	It is better to do one IP side in a row, eventually jump between IP sides, but jumping to other IP without finishing completely both sides does not make sense
WP3	DFBX	IP1-IP5	06/02/18	Before removing the DFBX it is necessary that survey removes the hydraulic system for remote alignment and all their systems
WP3	DFBX	IP1-IP5	06/02/18	Before taking out the DFBX, MPE must disconnect all the boxes and cables related with instrumentation
WP3	Magnets	IP1-IP5	06/02/18	The removal of the bumper is a difficult task. It is not within TE-MSK responsibility and it must be done before any other de-installation task (possible subject for ITHACA ?)
WP3	Magnets	IP1	06/02/18	At Q1 position The floor in P1 is not flat but rounded, making intervention (human or eventually remote) more difficult
WP3	Magnets	IP1-IP5	06/02/18	To confirm with Vittorio the time of de-connecting the DSL. For the matching section, Herve estimated in 2 hours per if it is a destructive removal, and 2 days per magnet if it is a non-destructive removal.
WP3	Magnets	IP1-IP5	06/02/18	Q6 will be left in its place so why take it out at all?
WP3	Magnets	IP1-IP5	06/02/18	Q5 will only be moved from another position, does it really have to be removed out of the tunnel?
WP3	Magnets	IP1-IP5	06/02/18	Preparation to de-install the inner triplet BI must remove the BPM pick-up and also the BLMs. Survey must remove their equipment. Bumpers must also be removed before. MPE must take out their instrumentation. All the work is then done by MSC
WP3	Magnets	IP1-IP5	06/02/18	MSC needs the electrical boxes for plugging the tools so they cannot be removed immediately. However they must be removed before removing the magnet

LS3 Study & Readiness Meetings

Some collected info from RP and Transport:

	Object	Location	Date	Description
RP	"Phase 0"	All	26/01/2018	With respect to the open time, it is usually of 7 weeks starting from the end of proton run (so INCLUDING the ion run before LS3)
RP	Inner triplet	IP1-IP5	26/01/2018	For the cooling time before going to the inner triplets, it is recommended at least 3 months. In theory triplets in IP5 could be a bit less activated.
RP	Magnets	IP1-IP5	26/01/2018	In terms of radiation, the main order to de-install the magnets would be starting with Q5, then Q6 (due to presence of TCL) and then Q4+D2 . So this is different from the transport approach. Should be checked with Herve the order according to them.

	Object	Location	Date	Description
WP17.7	Magnets	All	22/01/2018	Magnets: SSS (<9 m and 40 Ton) can go out from Point4 and 6. Q5 and Q6 (higher jumpers and > 9 m) can only go out from the low-beta platform in ALICE (--> disrupting Alice's Planning) . To check with Herve which magnets have this higher jumper. Removing objects from ALICE implies interfering with their schedule and thereby it should be minimized/the removals put together in time. Include ALICE in the planning exercise? Follow up: Herve said that magnets with higher jumpers are Q6,Q5,Q4+D2,DFBX, in left and right side of IP1
WP17.7	All	IP5	22/01/2018	In IP5 nothing can go up, it must always be transported to other points
WP17.7	All	IP1	22/01/2018	In IP1 only objects with less than 20 tons and length inferior to 6 meters can be removed
WP17.7	All	IP4	22/01/2018	In IP4 almost everything can come out that weighs less than 40tons except dipoles that need to go through UJ22 (P2)
WP17.7	All	IP6	22/01/2018	In IP6 almost everything can come out that weighs less than 40tons except dipoles that need to go through UJ22 (P2)
WP17.7	All	All	22/01/2018	Speed of transport convoys in the tunnel is 1 km/h

LS3 Study & Readiness Meetings

Some question to be answered:

a	Is the estimated time for removal reasonable/correct?
b	Dismantling preferential order?
c	Removal must be done in parallel on several IP sides; how many teams could be planned? (→ impact on RESOURCES)
d	Critical transport aspects ?
e	Procedures are all existing and/or updated?
f	Any mock-up to be developed?
g	Any other ?
h	
i	
j	
k	
l	
m	