



HL-LHC Integration Meeting n107

Layout Drawings for IP2 and IP7:

- LSSL2/LSSR2
- LSSL7/LSSR7

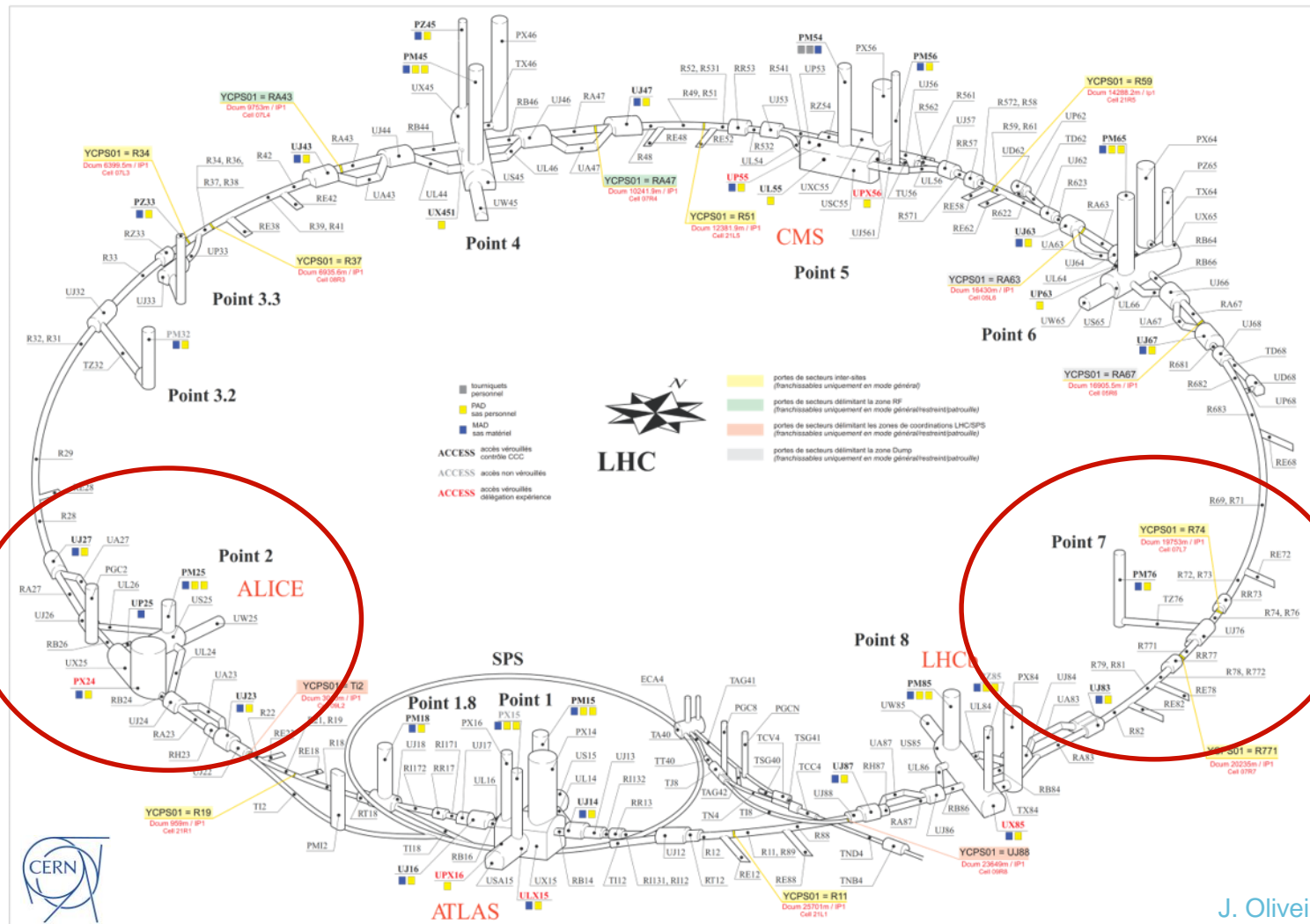
João Oliveira

WP15: Integration & (De-) Installation

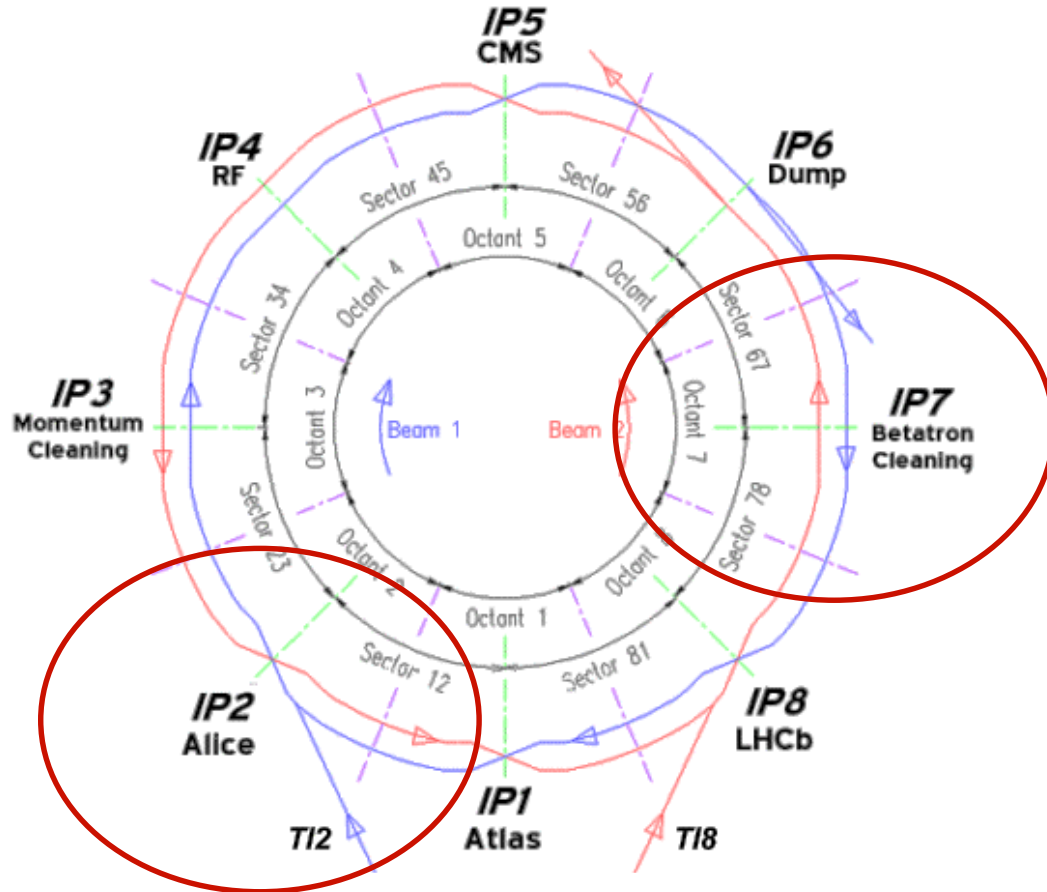
Introduction

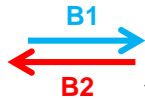
The aim of this meeting:

- Show the status of the Layout for:
 - LHCLSXH_0003 (**LSSL2**)
 - LHCLSXH_0004 (**LSSR2**)
 - LHCLSXH_0013 (**LSSL7**)
 - LHCLSXH_0014 (**LSSR7**)



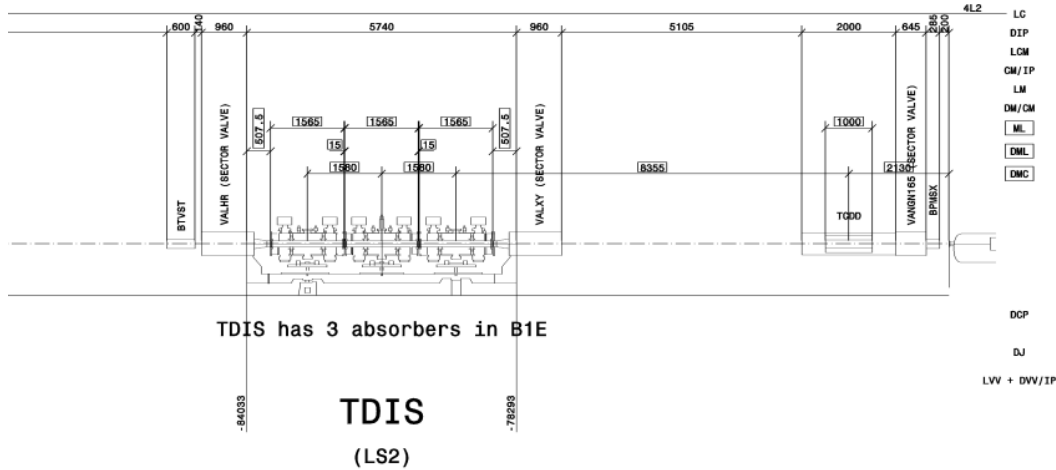
Red Beam and Blue Beam





LSSL2

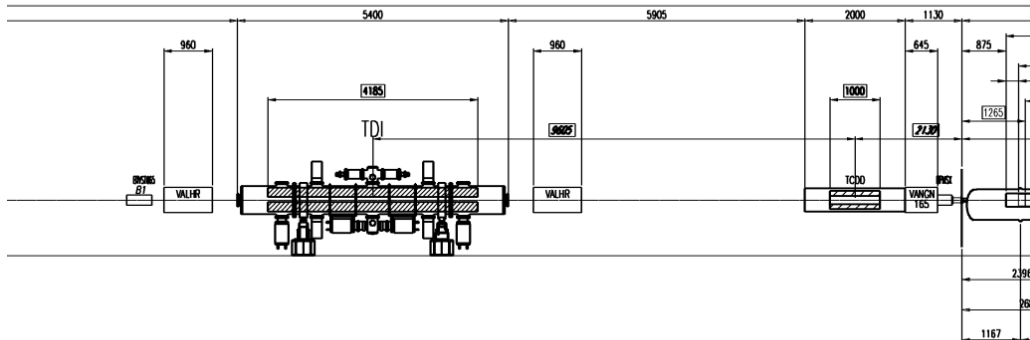
HL-LHC



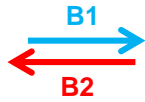
LHCLSXH_0003

LHCLSX_0003

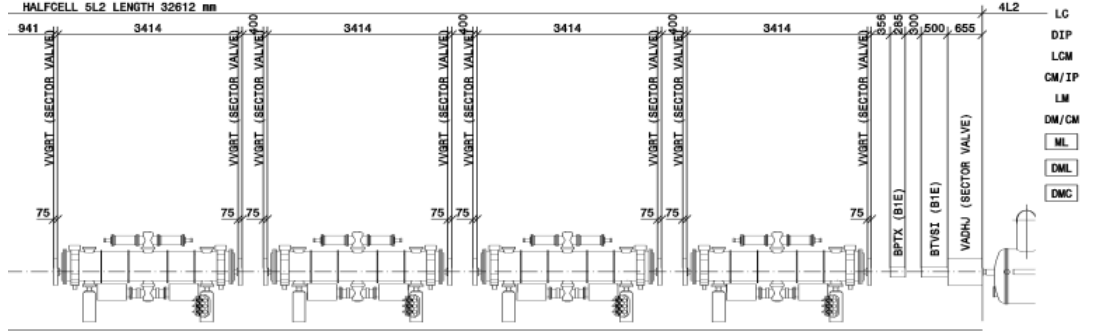
LHC



TDIS ECR EDMS 1936580



LSSL2



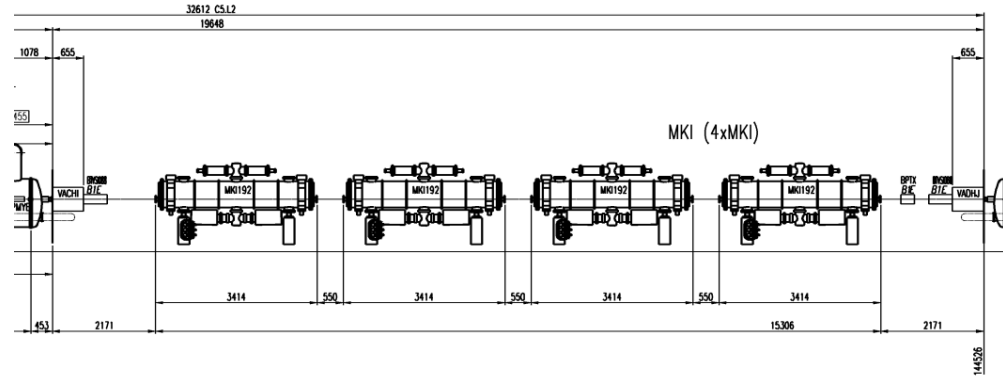
4 MKI kickers acting on B1E injection

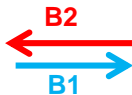
MKI MKI MKI MKI

LHCLSXH_0003

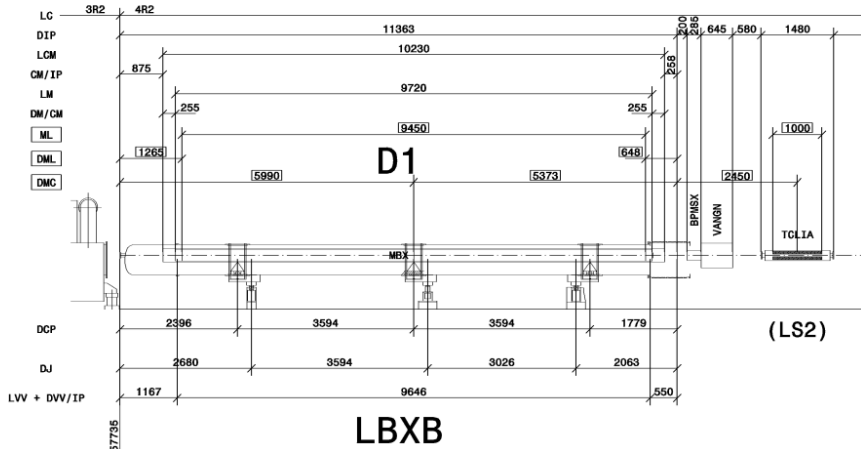
LHCLSX_0003

LHC





LSSR2

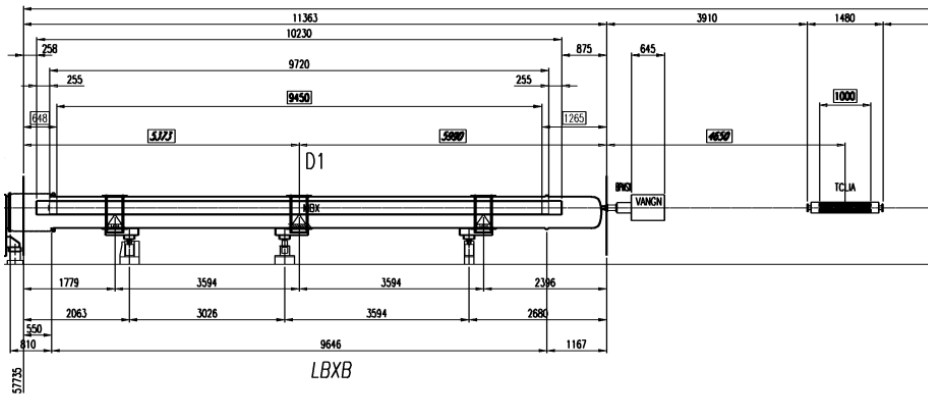


LHCLSXH_0004

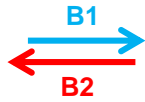
HL-LHC

LHCLSX_0004

LHC

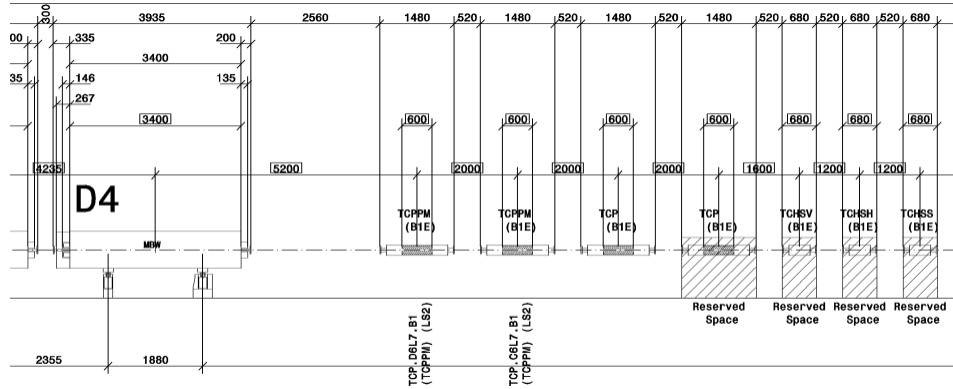


TCLIA ECR EDMS 1936597



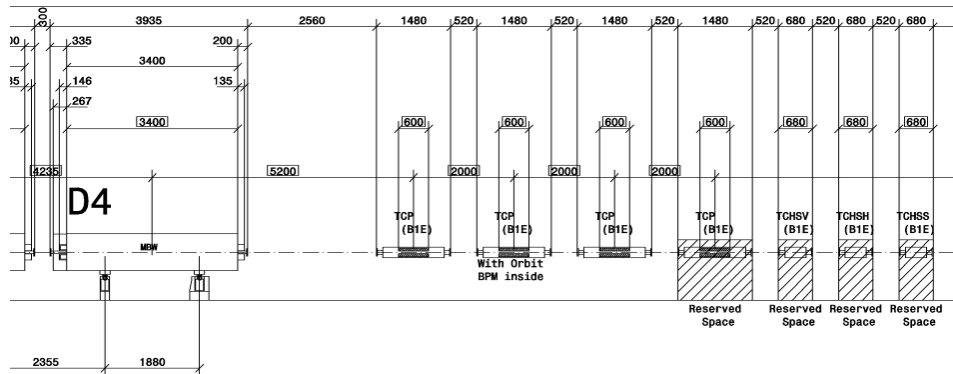
LSSL7

HL-LHC

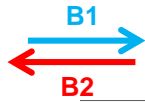


LHCLSXH_0013

LHC

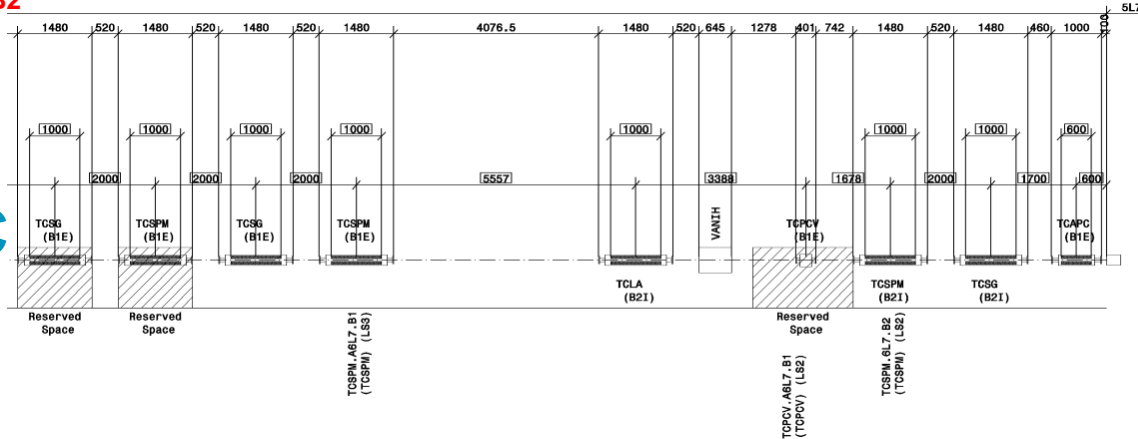


LHCLSX__0013



LSSL7

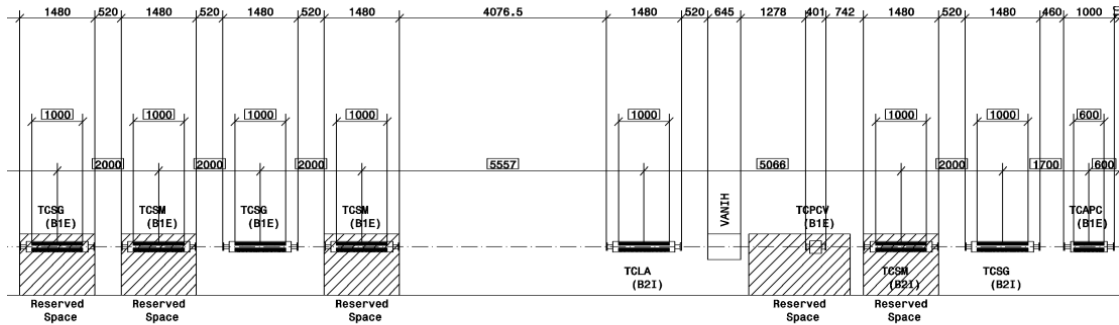
HL-LHC



LHCLSXH_0013

- LC
- DIP
- LCM
- CM/IP
- LM
- DM/CM
- ML
- DML
- DMC

LHC



LHCLSX__0013

- DCP
- DJ
- LVV + DVV/IP

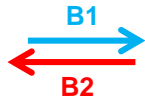
- DIP
- LCM
- CM/IP
- LM
- DM/CM
- ML
- DML
- DMC

TCPC (Crystal) ECR EDMS 1839549

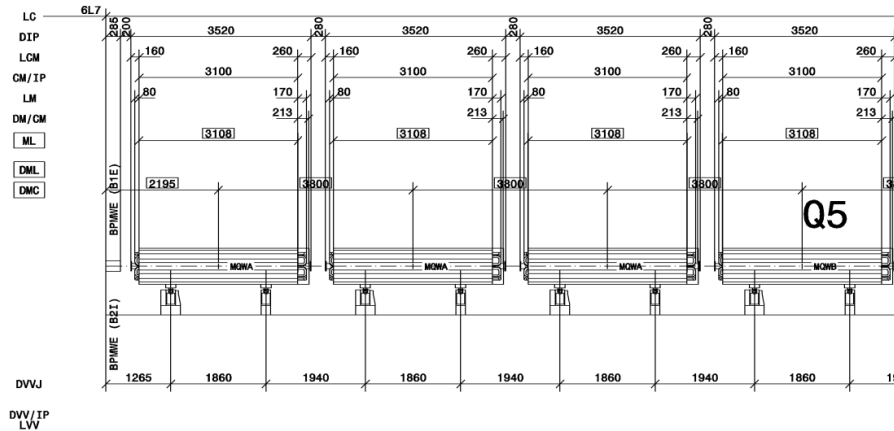
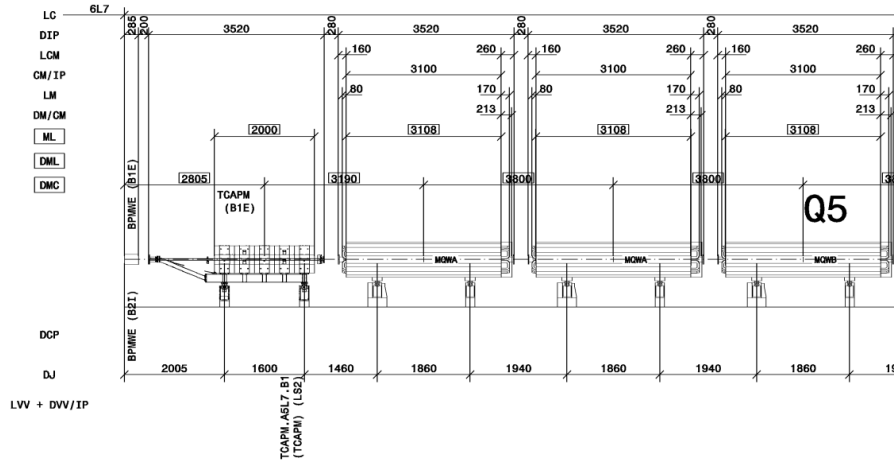
TCSPM (LS2) ECR EDMS 1973031

- DVVJ
- DVV/IP
- LW
- ..





LSSL7



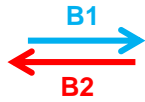
LHCLSXH_0013

LHCLSX__0013

HL-LHC

LHC

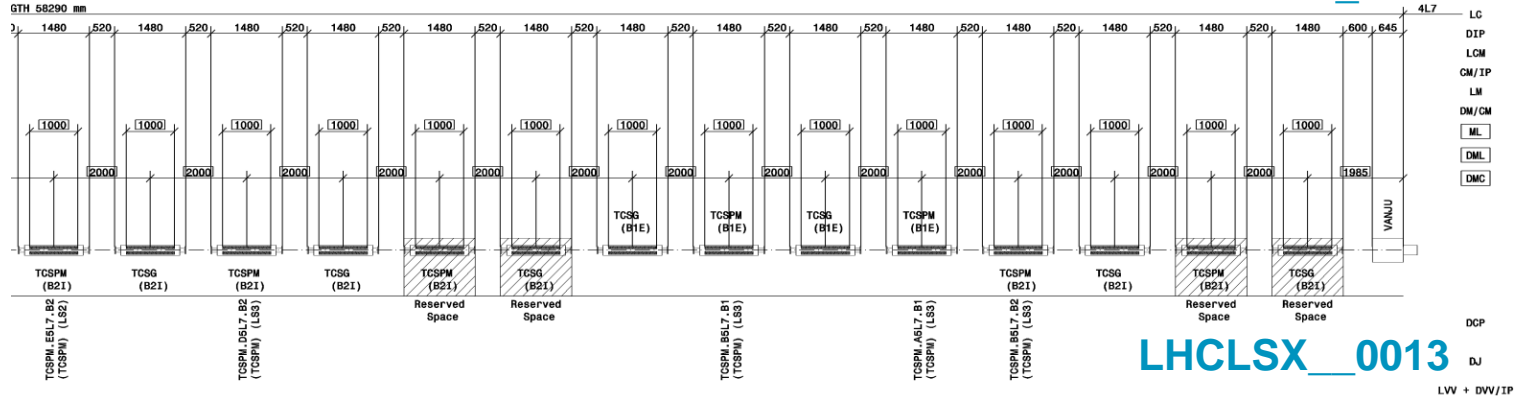
TCAPM ECR EDMS 1973905



LSSL7

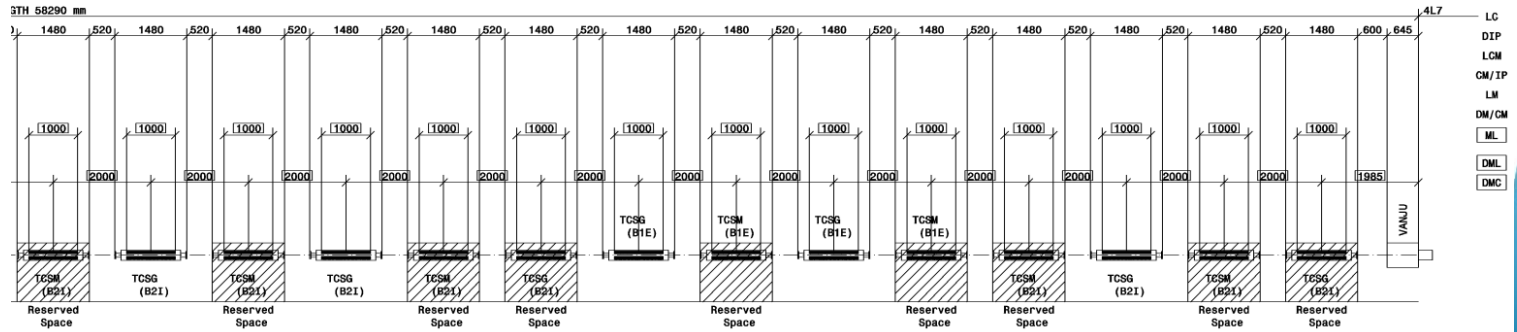
HL-LHC

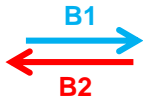
LHCLSXH_0013



LHC

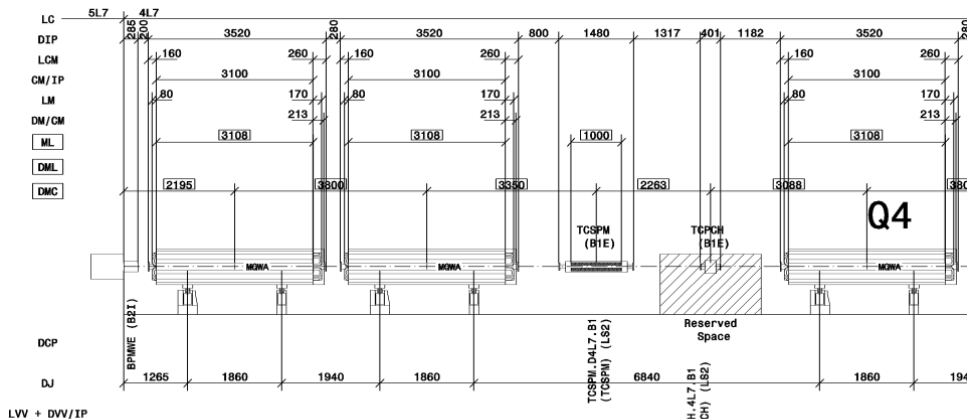
LHCLSX_0013





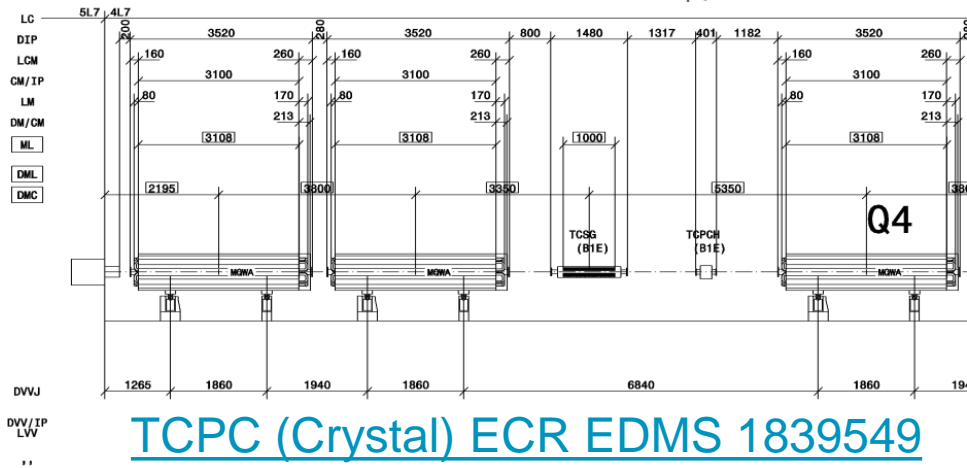
LSSL7

HL-LHC



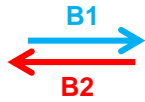
LHCLSXH_0013

LHC



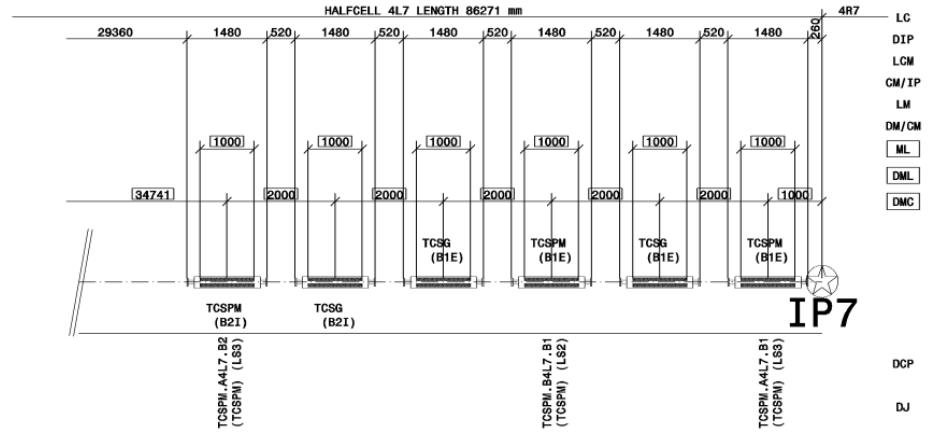
LHCLSX_0013

[TCPC \(Crystal\) ECR EDMS 1839549](#)
[TCSPM \(LS2\) ECR EDMS 1973031](#)



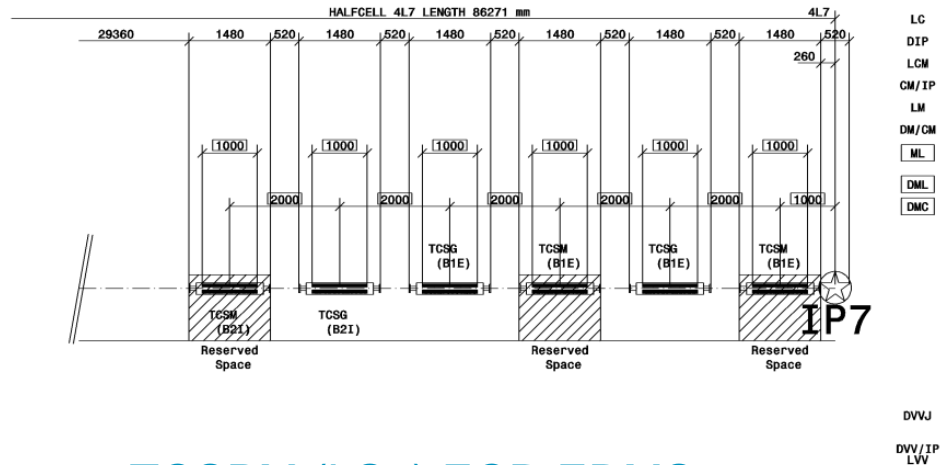
LSSL7

HL-LHC



LHCLSXH_0013

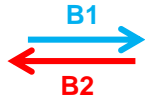
LHC



LHCLSX__0013



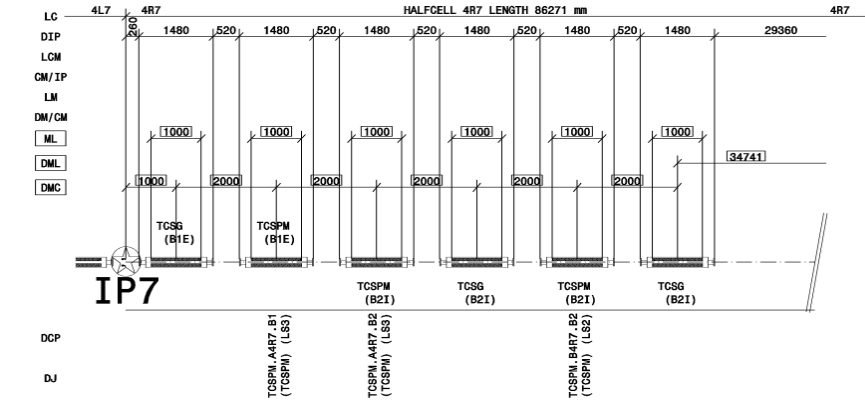
TCSPM (LS2) ECR EDMS 1973031



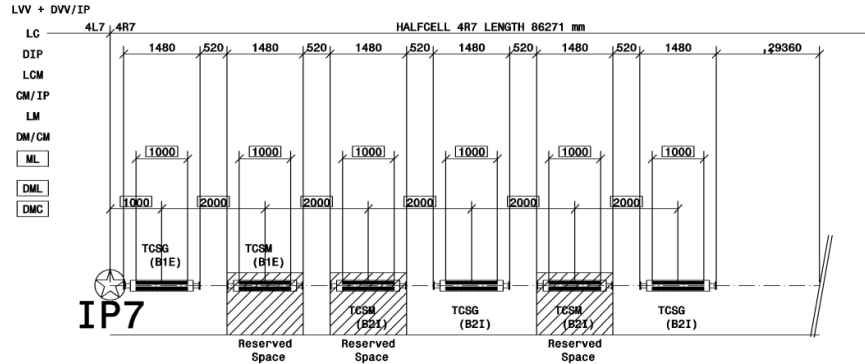
LSSR7

HL-LHC

LHC



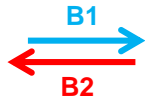
LHCLSXH_0014



LHCLSX__0014

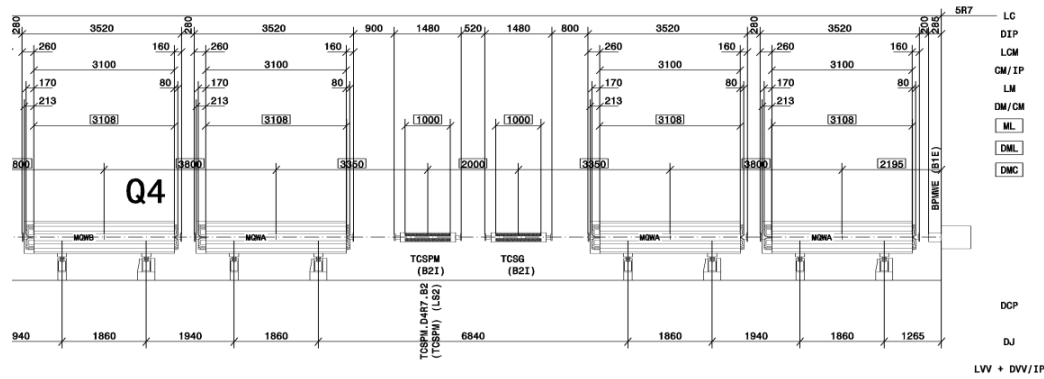
DVUJ
DVV/JP
LW
..

TCSPM (LS2) ECR EDMS 1973031

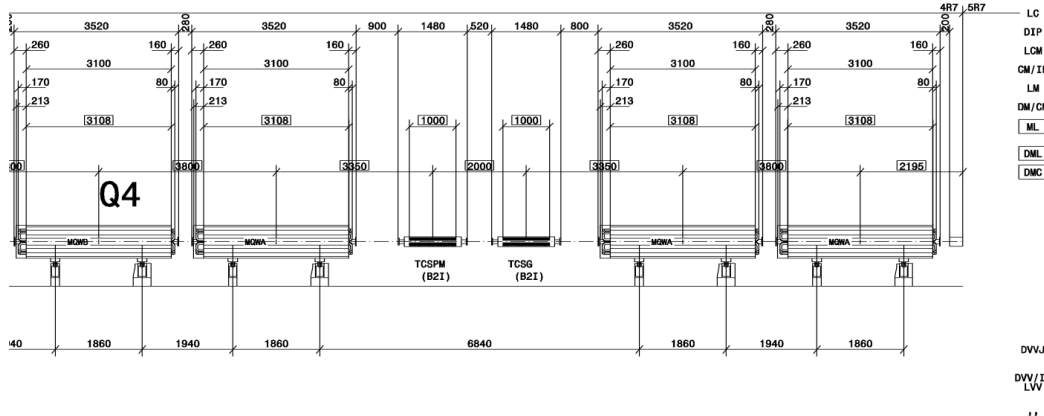


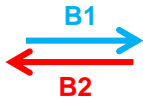
LSSR7

HL-LHC



LHC

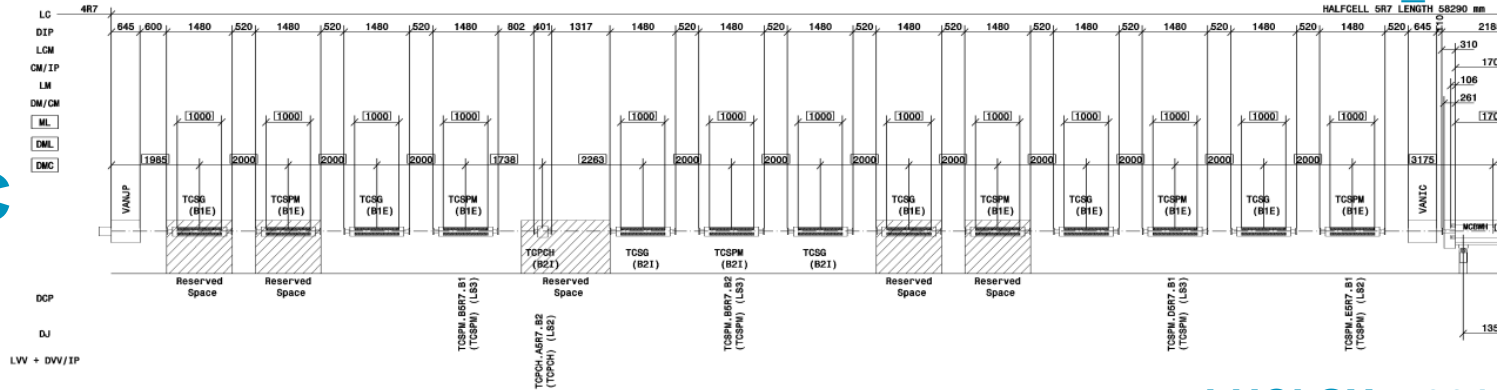




LSSR7

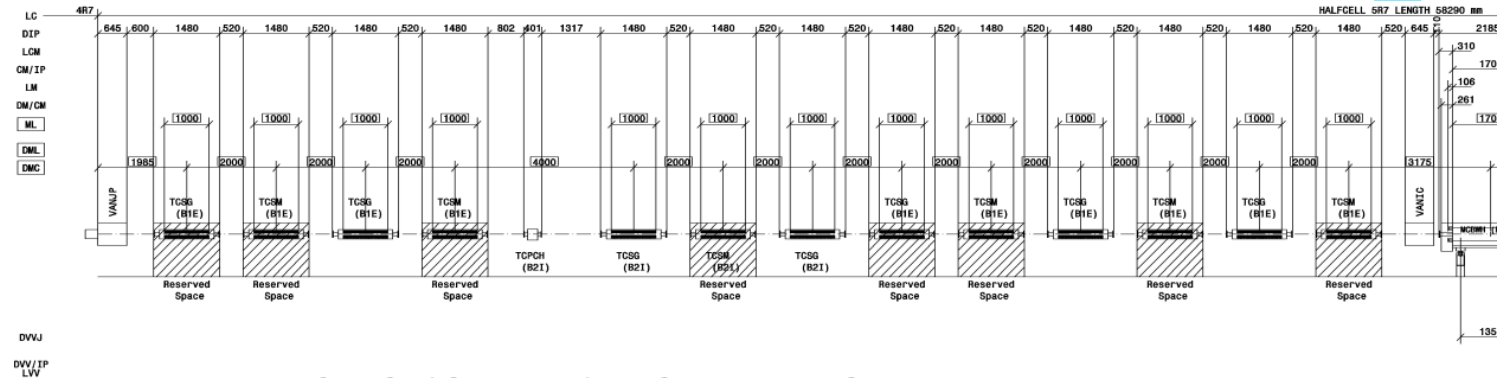
LHCLSXH_0014

HL-LHC

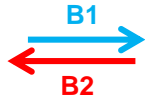


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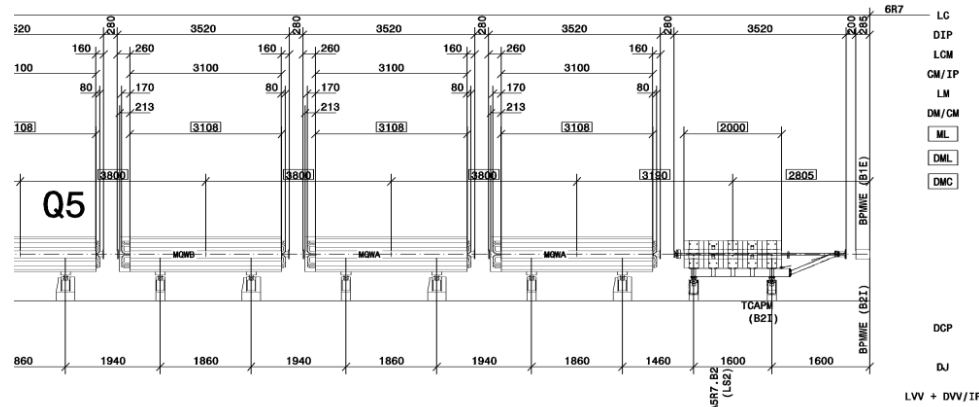
LHC



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[TCSPM \(LS2\) ECR EDMS 1973031](#)

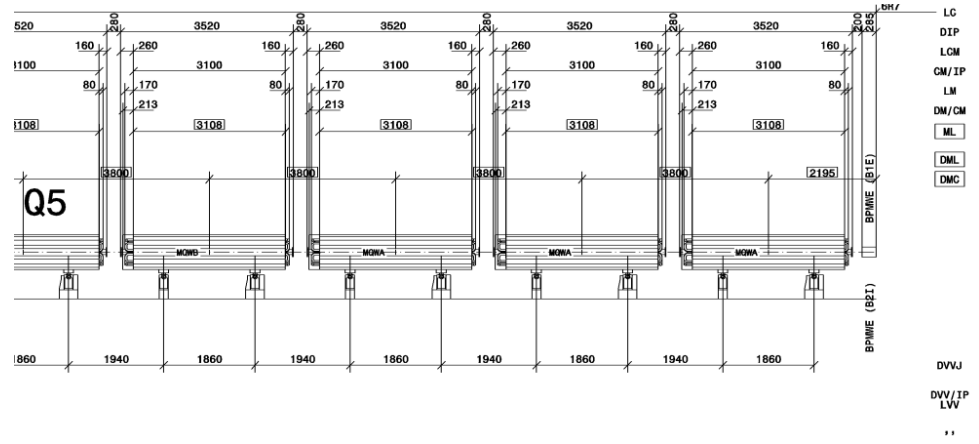


LSSR7



LHCLSXH_0014

HL-LHC

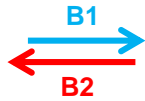


LHCLSX__0014

LHC



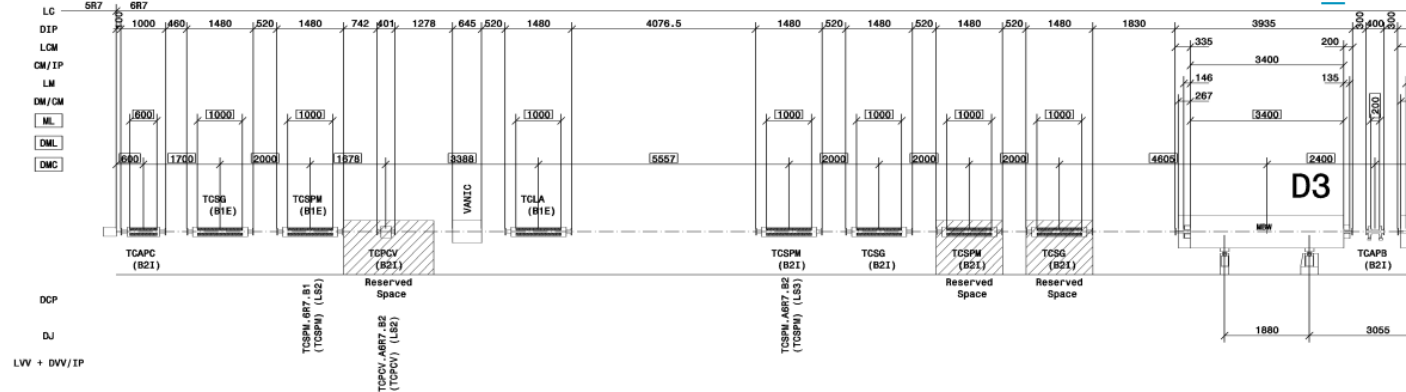
TCAPM ECR EDMS 1973905



LSSR7

LHCLSXH_0014

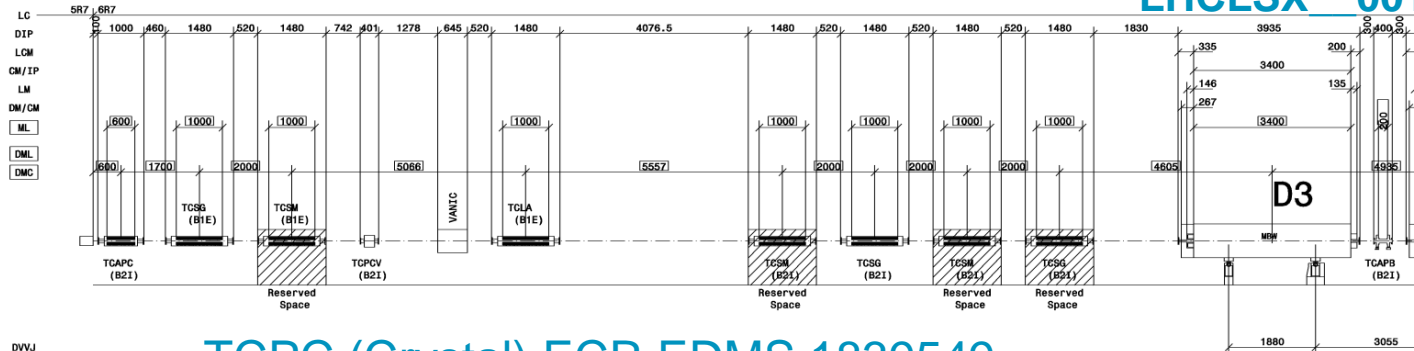
HL-LHC



Only installed equipment (not reserved spaces) appears on this table.

LHCLSX_0014

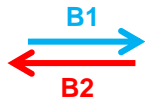
LHC



[TCPC \(Crystal\) ECR EDMS 1839549](#)

[TCSPM \(LS2\) ECR EDMS 1973031](#)

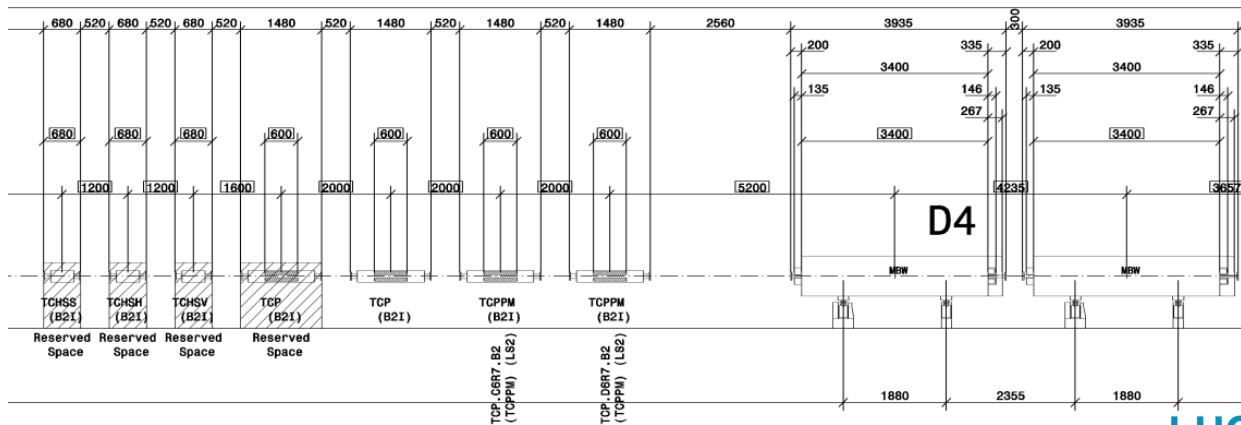
DVVJ
 DVV/IP
 LVV
 ..



LSSR7

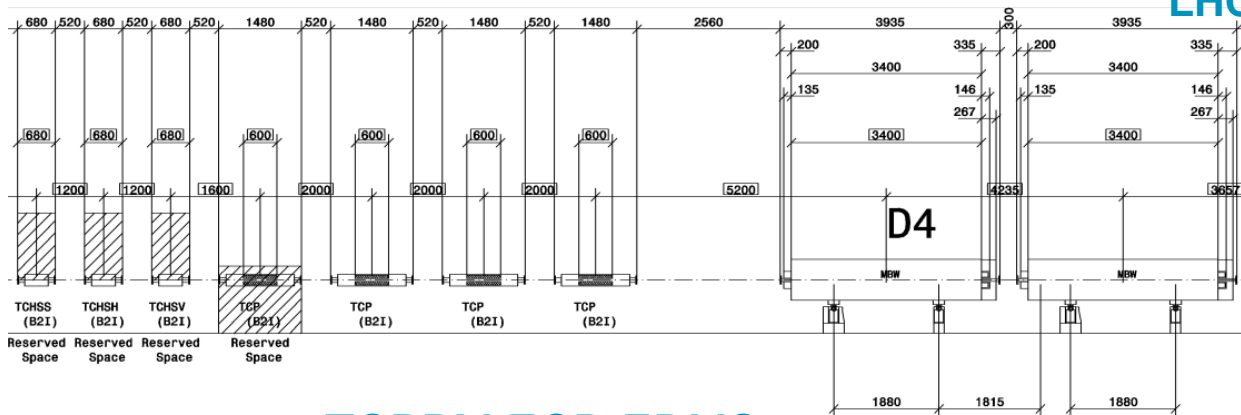
LHCLSXH_0014

HL-LHC



LHC

LHCLSX_0014



TCPM ECR EDMS 1973590

Thank you for
your attention.

SPARE SLIDES