

Faraday Cups: status and way forward

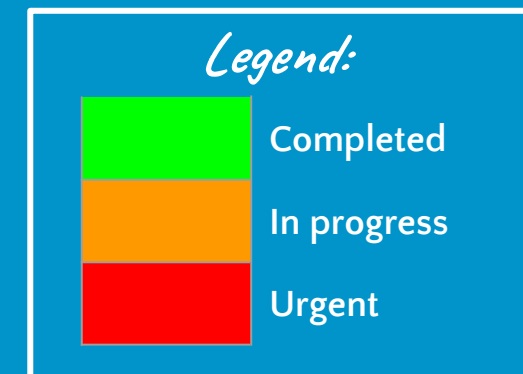
in the framework of PBIPROG-9

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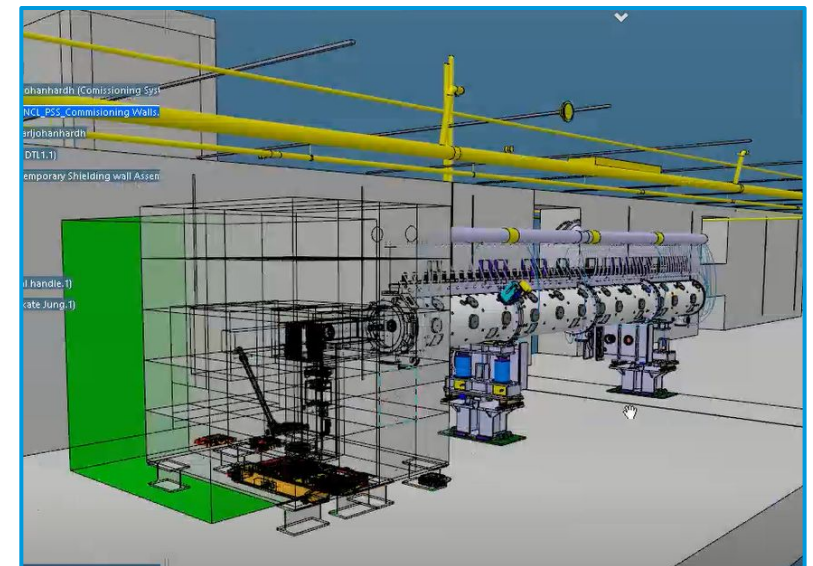
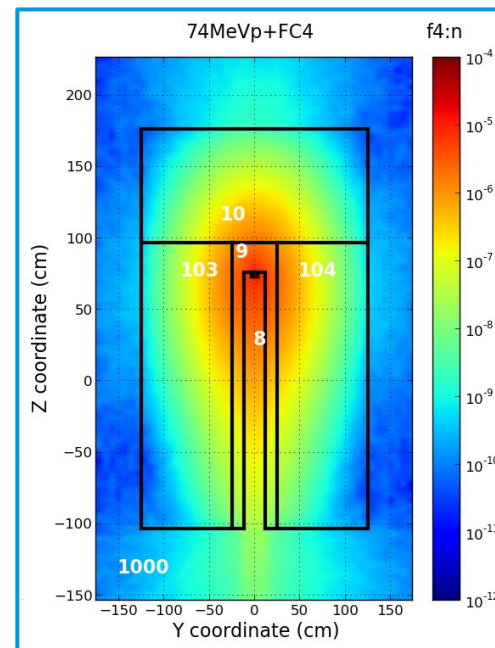
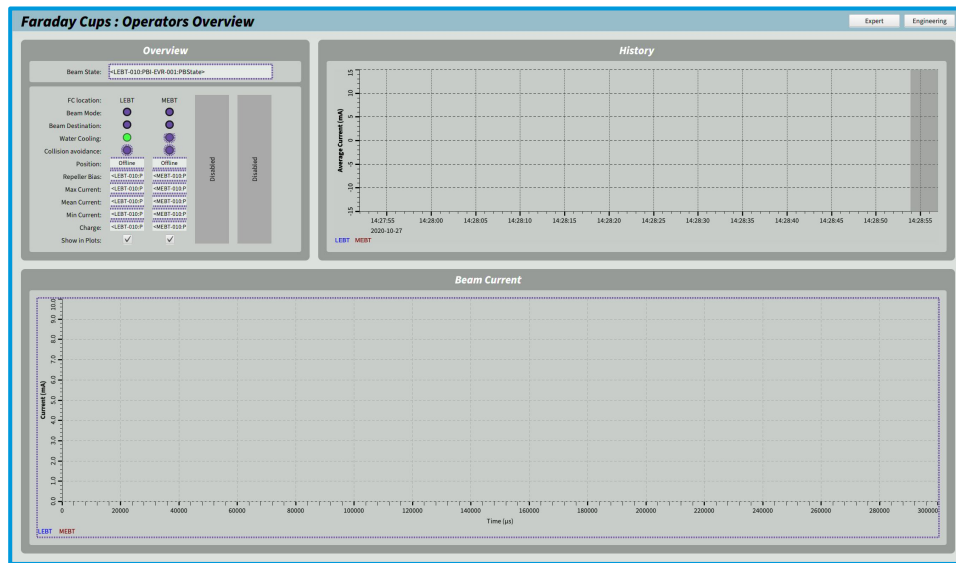
4 December 2020



Latest completed tasks



TASK		Notes
ICSHWI-4444		All FCs: Porting the DAQ IOC from EEE to E3
ICSHWI-5799		LEBT FC + MEBT FC: Operator-level OPI deployed in the LCR
Page		All FCs: estimation of SDS network and storage requirements
PBIFC-182		MEBT FC: Procurement of two spare collectors
EXERCISE		DTL FC: training in case of emergency organized by the CMT
PBIFC-224 , 225		DTL FCs: resolved clashes between shielding(s) and cable trays



Next tasks to be completed



TASK		Notes
MET-254		Finalize, review, procure the DTL FCs holder (to be installed before March)
PBIFC-237		Review of the whole DTL FC shielding with stakeholders, include n-detector ?
PBIFC-107		Delivery from RadiaBeam and tests of the DTL FCs
FMSE-3		Pull, connect & verify LEBT FC and MEBT FC water temperature and flow cables
PBIFC-203		Establish/check interfaces (mainly) to: timing, network, FBIS and MPSID
ICSHWI-5403 (?)		MTCA installation in FEB90
PBIFC-136		Collision avoidance for LEBT FC
PBIFC-257		Preparation of a pneumatic bench for the FC
PBIFC-203		Continue the verifications with WeTest (IOCs, whole system)
PBIFC-243		Deploy the ME OPI in the LCR, as part of CAP-219
PBIFC-212		Define and implement alarms and interlocks for all FCs
PBIFC-232		Document of IOCs (DAQ and HV/motion)