

Mandate of CryoMagnet Coordinator

Looking at the needs for LHC exploitation, and in view of the refurbishment of LHC CryoMagnetⁱ spare stock, the role of “CryoMagnet Coordinator” (covering the activities for the superconducting Dipoles, Arc and Special SSS, IR magnets) is here re-defined:

Coordinate the activities and the interactions among all teams (TE-MSD and all other Groupsⁱⁱ) involved in: components procurement, cryomagnet assembly, repair, testing, certification and preparation for installation. This will be done following the priorities defined by the TE department Head.

Special attention will be devoted to:

- Be knowledgeable of all magnets and cryostat spares status and their main components.
- Prepare and keeps update a global planning for the cryomagnet refurbishment providing coordination among teams charged of CMⁱⁱⁱ repair, CM test, CM cryostating and Final Preparation, through regular meetings.
- Enforce application of QAP and MTF follow-up with special attention for traceability (EDMS, MTF), manufacturing and testing documentation (including NCR, ECR, etc.).
- Promote actions, prepare the work, (data collection and documentation) and provide support for all the aspects connect with test analysis & evaluation including (re)activation of MEB (Magnets Evaluation Board) when needed. Present magnets to the MEB and assure follow-up of MEB proposal.
- Regularly report to Group Leaders and TE Management about: status, planning, potential (or actual) problems. When required report to Committees likes: TETM, TEMB, LMC, etc.

ⁱ **CryoMagnet** : short form for indicating a Magnet completed with Cryostat and other equipments (like beam screen, etc...), ready to be installed in the tunnel. This is a CERN definition, different from international standard.

ⁱⁱ A non exhaustive list of groups concerned are: TE-MSD, TE-MPE, TE-CRG, TE-VAC, BE-ABP (optics and survey).

ⁱⁱⁱ **CM** : Cold Mass. It is the magnet, or assembly of various magnets, before insertion in its cryostat. It is the part of the CryoMagnet at the same temperature of the superconducting coils.