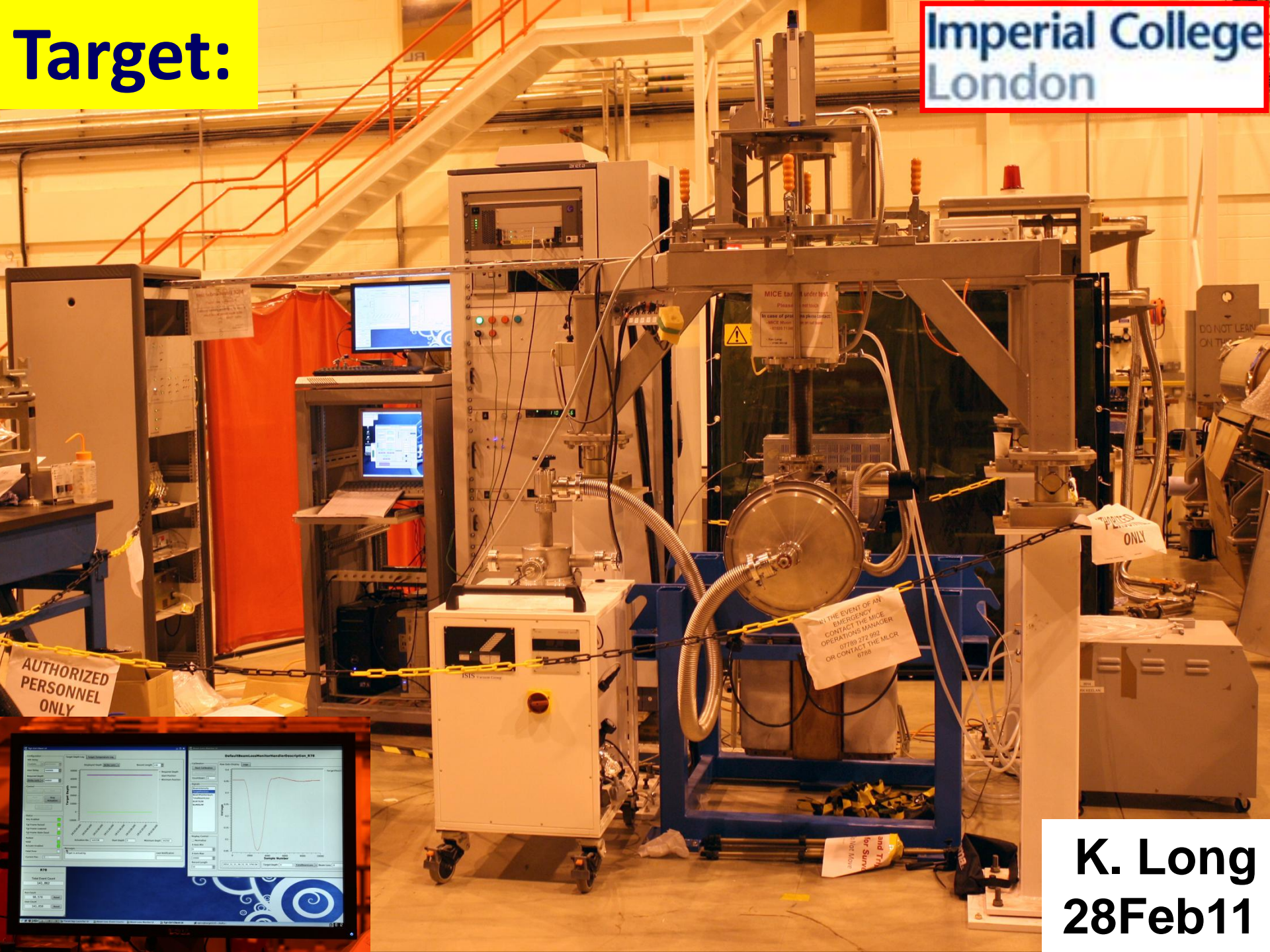


Target:

**Imperial College
London**



**K. Long
28Feb11**

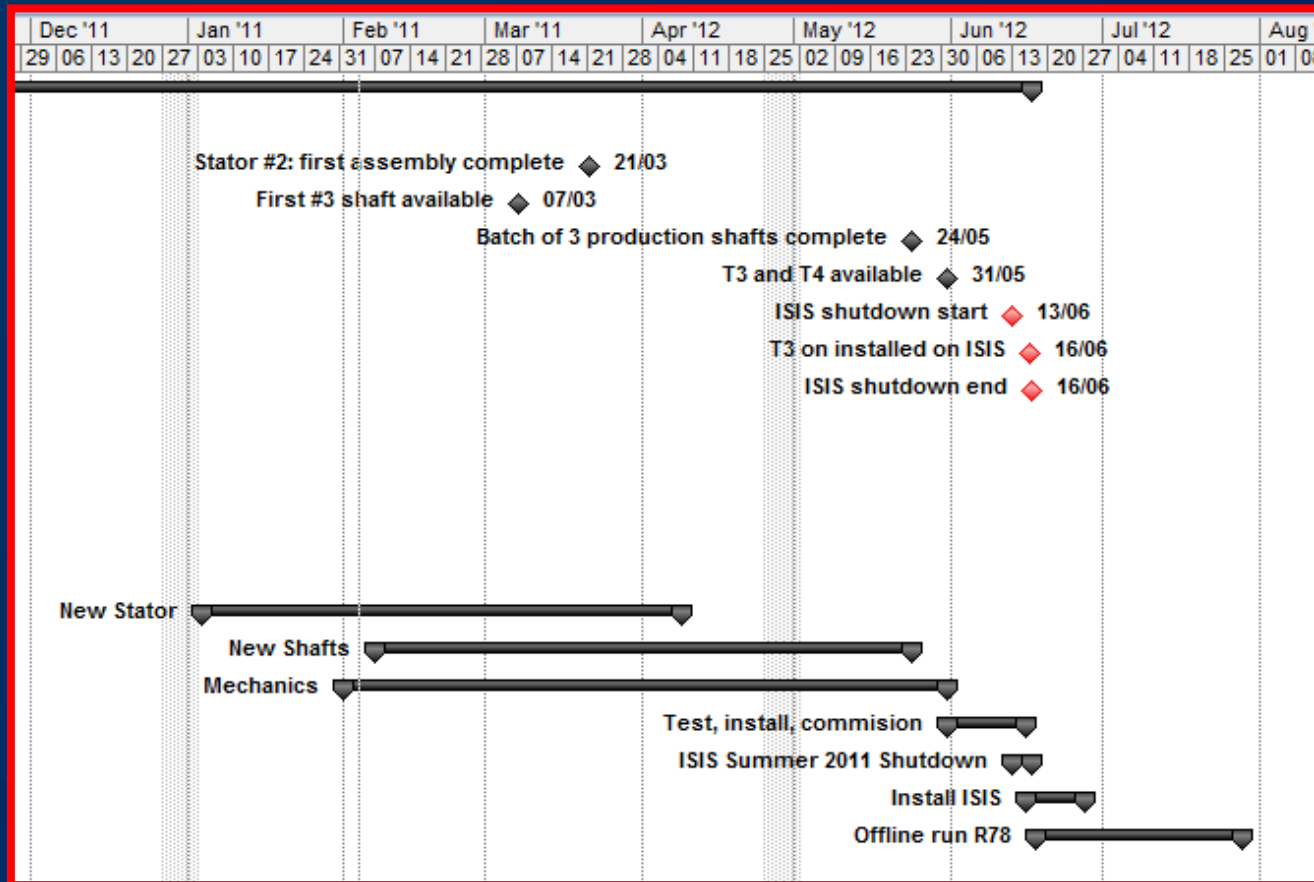
Progress and schedule overview:

- Soak test:
 - T2r5 has now done almost 4M dips:
 - Plan to disassemble target at 4M for detailed inspection and refit with new bearings for a second soak test
- T3/T4 progress:
 - Three new shafts are in production for T3&T4 (one for each target and one spare)
 - Test winding of new stator carried out:
 - Some issues with winding jig and winding thin, square wire in confined space being resolved
 - Progress on controls:
 - BPS code integrated with the Phase 2 terminal application
 - Phase 2 VHDL progress good

1. Muon Beamline – K.Long

Id	Task	Baseline	Status	Revised Date	Notes
1	Target #2 assembly installed offline	10Nov10	Complete	N/a	Actuation of T2r4 started 10Nov10 as planned. Stopped on Friday after ~200k dips for inspection in week of 15Nov10.
2	Offline target tests complete	31Jan11	Complete	N/a	Trgt team proposed to MICO 24Jan11 that 2M dips was success. T2r4 will be run to significant wear, failure, or installation of T2r5, whichever comes first.
3	Stage II controller upgrade complete	30Jun11			Stage I controller upgrade is complete. Stage II assimilates functionality on a number of home-made boards onto a smaller number of custom made boards. Functionality for MICE is in place when Stage I controller upgrade is installed following soak test planned to start next week
4	Review of target stator redesign	31Mar11			Requires 'Offline target tests (line 2) to be complete.
5	Remanufacture of target stators	30Jun10			Requires outcome of review (line 4).
6	Decay solenoid quench detector rebuilt				I need to check on this tomorrow when at DL

Draft: still under discussion in trgt grp:



- Issues:

- Need to revise in light of discussion at the next MICE/ISIS target w/s:

- Not yet scheduled: will be late March or April