

Proposed ERL Commissioning Schedule, 3-3-08

Module 1 Commissioning (G5 Test, 2-25-2009):

Temporary beam dump for 25 MeV beam. Low- power beam held at low power with credited controls. Full operation of rf system. Beam will traverse gun, accelerate to 25 MeV in 5 cell cavity, and then be dumped on temporary beam dump at low power. No electron storage ring.

Module 2 Commissioning (Normal Operations, 5-5-2009):

Complete all operations procedures, complete installation of all accelerator equipment and utilities and complete installation of all credited controls. Normal operation of electron storage ring and beam dump. Initial operations will take the graded approach, but approved for full beam.

Module 1 Commissioning (G5 Test)

Module 1 Task	Start Date	Completion Date	Person Responsible
Complete SAD and ASE Revision 0	---	April 30, 2008	E. Lessard
Submit SAD and ASE to C-AD Safety Committees	May 15, 2008	July 15, 2008	E. Lessard
BNL Cryogenic and Pressure Safety Committee approval for pressure vessels and vacuum that can be backfill pressurized	---	August 31, 2008	R. Than

Submit revised SAD and ASE to BNL LESHC	August 1, 2008	August 31, 2008	E. Lessard
Final SAD and ASE to DDO for BNL approval; final SAD and ASE sent to DOE	September 15, 2008	September 30, 2008	D. Lowenstein to S. Vigdor to M. Bebon to DOE BHSO
DDO appoints ARR Team	October 15, 2008	October 31, 2008	M. Bebon
All equipment for G5 test is in place and ready to operate	October 31, 2008	October 31, 2008	I. Ben-Zvi or designate
ERL physicists and engineers make presentations to ARR Team; make tours	October 31, 2008	December 14, 2008	I. Ben-Zvi or designate
On-site ARR is performed for Module 1	November 15, 2008	December 14, 2008	ARR Team Leader

ARR Report is fact checked and finalized	December 15, 2008	January 14, 2009	ARR Team Leader
DDO reviews and submits ARR Report to DOE and requests commissioning approval for Module 1	January 15, 2009	January 30, 2009	M. Bebon
Procedures finalized and G5 pre-operations recommendations from ARR Team closed out	December 15, 2008	January 31, 2008	I. Ben-Zvi or designate
G5 Test authorization request sent to DOE	January 31, 2009	February 25, 2009	M. Bebon
G5 Test authorization sent by DOE and then by DDO to C-AD	February 25, 2009		DOE BHSO

Module 2 Commissioning (Normal Operations)

Module 2 Task	Start Date	Completion Date	Person Responsible
All equipment for normal operations is in place and ready to operate	...	March 31, 2009	I. Ben-Zvi or designate
ERL physicists and engineers make presentations to ARR Team; make tours	April 1, 2009	April 1, 2009	I. Ben-Zvi or designate
On-site ARR is performed for Module 2	April 2, 2009	April 4, 2009	ARR Team Leader

ARR Report is fact checked and finalized	April 14, 2009	April 18, 2009	ARR Team Leader
DDO reviews and submits ARR Report to DOE and requests commissioning approval for Module 2	April 21, 2009	April 22, 2009	M. Bebon
Procedures finalized and pre-operations recommendations from ARR Team closed out	April 22, 2009	April 30, 2009	I. Ben-Zvi or designate
Normal operations authorization request sent to DOE	April 30, 2009	May 5, 2009	M. Bebon
Normal operations authorization sent by DOE and then by DDO to C-AD	May 5, 2009		DOE BHSO