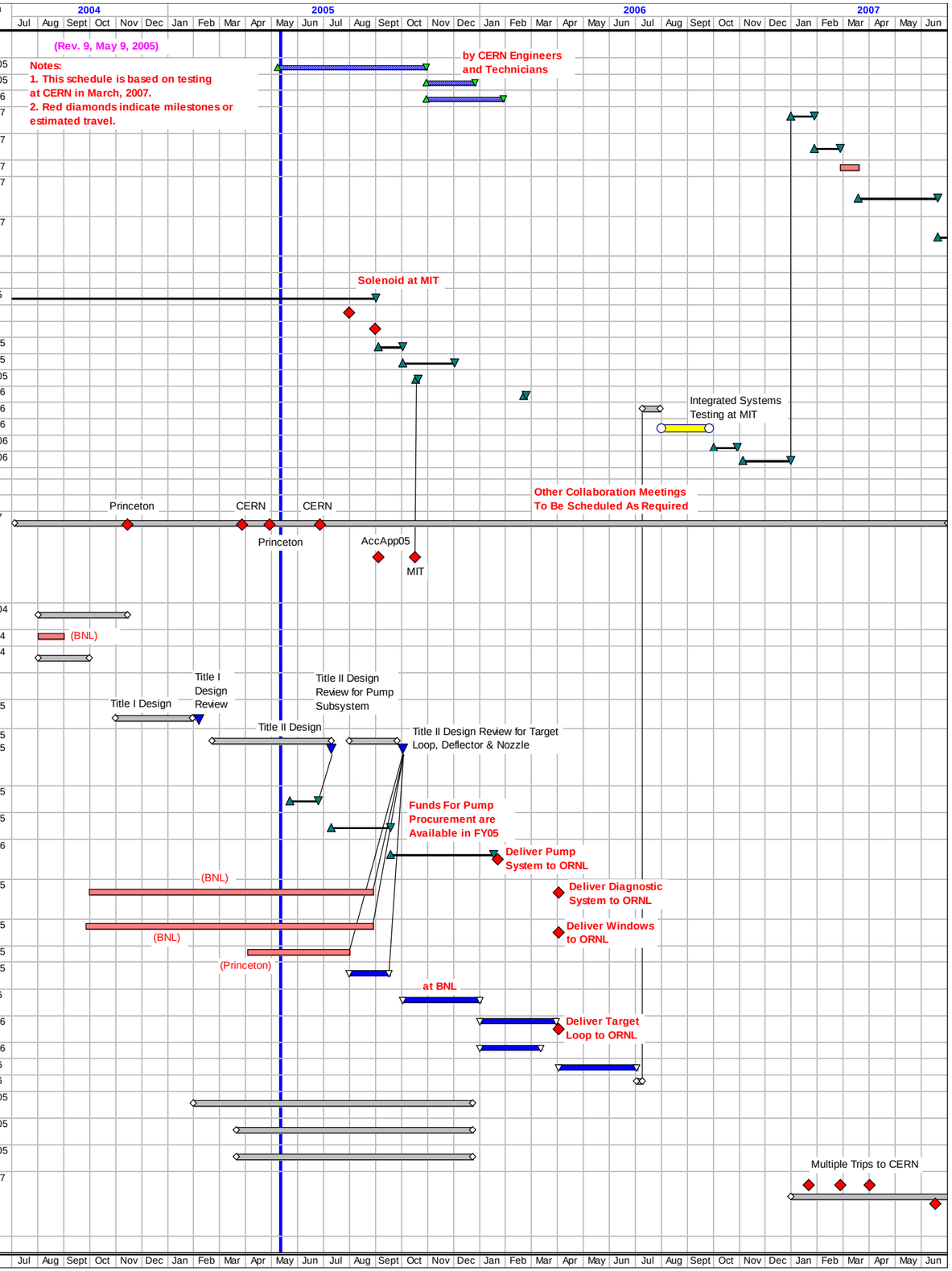Hg Target System Design-nTOF11	Start Date	Finish Date
Activities & Milestones at CERN		
Modifications to Existing Power Supply	5/9/05	10/30/05
Test Power Supply	10/31/05	12/26/05
Install Cryo System Equipment & Dewar	10/31/05	1/29/06
Install and Test Target & Solenoid in TT2A Tunnel	1/1/07	1/28/07
Commission Test Equipment at CERN (verify operational capability of total system)	1/29/07	2/25/07
Beam On Experiment	2/26/07	3/18/07
Decommission - Phase I (remove target/solenoid from beamline after 1 week of cooldown, store in TT2A for several months)	3/19/07	6/20/07
Decommission - Phase II (dismantle equipment, remove Hg, ship target & Hg to ORNL)	6/21/07	9/30/07
Activities & Milestones at MIT		
Fabricate Solenoid	5/31/04	9/1/05
RAL Provide Test Plan & Valve Box Details	8/1/05	
RAL Deliver Valve Box to MIT	9/1/05	
Setup Solenoid System at MIT	9/5/05	10/2/05
Magnet System Test at MIT	10/3/05	12/2/05
Prelim. Safety Review & Target Test Plan	10/18/05	10/20/05
Final Safety Review & Target Test Plan	2/21/06	2/23/06
Setup Target System at MIT	7/10/06	7/30/06
Integrated System Test at MIT	8/1/06	9/25/06
Ship Target System Back To ORNL	10/2/06	10/29/06
Ship Target System To CERN	11/6/06	12/31/06
Hg Target System - ORNL		
1. System Design		
1a. Engineering Coordination / Collaboration Meetings	7/5/04 11/15/04 3/28/05 9/5/05 4/29/05 6/27/05 10/17/05	7/1/07
1b. Establish Interfaces & Obtain Requirements	8/2/04	11/14/04
1c. Neutronics Calcs (BNL)	8/2/04	8/31/04
1d. Develop Interface Dwgs	8/2/04	9/30/04
1e. Design Hg Flow Loop System		
Title I Design	11/1/04 2/7/05	1/30/05
Title II Design	2/21/05 8/1/05 7/11/05 10/3/05	7/10/05 9/25/05
1f. Develop Procurement Specification for Pump Equipment - ORNL	5/23/05	6/24/05
1g. Procurement (Bid & Award) for Pump Equipment - BNL	7/11/05	9/18/05
1h. Fabricate Pump Equipment - Deliver to ORNL (16 weeks fabrication)	9/19/05 1/23/06	1/17/06
1i. Design Optical Diagnostics (BNL)	10/1/04 4/3/06	8/28/05
1j. Design Target Windows (BNL)	9/27/04 4/3/06	8/28/05
1k. Nozzle/Hg Deflector Tests (Princeton)	4/4/05	7/31/05
1l. Develop Procurement Spec for Target Loop - ORNL	8/1/05	9/16/05
1m. Procurement (Bid & Award) for Target Loop - BNL	10/3/05	1/1/06
1n. Fabrication	1/2/06 4/3/06	3/30/06
1o. Target Control System Development	1/2/06	3/12/06
1p. Assembly and Systems Test @ ORNL	4/3/06	7/2/06
1q. Ship Target Assembly to MIT	7/3/06	7/9/06
2. Develop Prelim. Decommissioning and Disposition Plan	2/1/05	12/23/05
3. Develop Prelim. Shipping & Installation Plan for MIT and CERN	3/21/05	12/23/05
4. Develop Prelim. System Test Plan & Operations Plan	3/21/05	12/23/05
5. Provide Support for the High-Power Tests at CERN	1/1/07 1/22/07 2/26/07 4/2/07 6/18/07	9/30/07