



































Activity Name	Duration (Work Days)	Start Date	Finish Date	2016						
				April	May	June	July	August	September	October
Cathode chamber ancillaries installation	5.00	4/11/16	4/15/16							
Cathode prep chamber commissioning	10.00	4/18/16	4/29/16							
HV processing	5.00	4/25/16	4/29/16							
Beamline viewers, magnets, dump LCW	16.00	4/11/16	5/2/16							
Work with Radiation Control Group for approval at high currents.	5.00	5/2/16	5/6/16							
Generate non-magnetized beam and commission the exiting beamline.	10.00	5/2/16	5/13/16							
Measure photocathode lifetime up to 5 mA (not	25.00	5/16/16	6/17/16							
Measure beam emittance using the solenoid-viewer	25.00	5/30/16	7/1/16							
Shut down for magnet install and refurbishings	0.00	7/1/16	7/1/16							
Replace a leaky gate valve, R30 ceramic insulator, shed and install WPs NEGS	19.00	7/5/16	7/29/16							
Magnet arrives	0.00	7/8/16	7/8/16							
Procure the hybrid carbon steel puck	59.00	4/12/16	7/1/16							
Adding moly and carbon steel hybrid pucks and modifying the tip of the long	19.00	7/5/16	7/29/16							
Modify beam line between gun and viewer 1	10.00	7/18/16	7/29/16							
Install Magnet support	10.00	7/18/16	7/29/16							
Map the field of cathode solenoid magnet with and without the hybrid carbon steel puck	16.00	7/8/16	7/29/16							
Install Magnet	5.00	8/1/16	8/5/16							
Prepare gun, cathode chamber, beamline for bake	5.00	8/8/16	8/12/16							
Bake-athon	5.00	8/15/16	8/19/16							
Remove ovens & prepare for commissioning	5.00	8/22/16	8/26/16							
HV conditioning	11.00	8/29/16	9/12/16							
Make cathodes	8.00	9/12/16	9/21/16							
Design and procure three skew quads. Perform RTFB transformation virtual	85.00	4/12/16	8/8/16							
experiments in simulation										
Commision gun & beamline with non-magnetized beam	7.00	9/22/16	9/30/16							
Generate magnetized beam	0.00	10/3/16	10/3/16							
Design and build the support structure for the cathode solenoid magnet	59.00	4/12/16	7/1/16							
Design and procure slits for beam emittance and magnetization	59.00	4/12/16	7/1/16							
Relocate the new CEBAF spare Dogleg power supply	99.00	4/12/16	8/26/16							
Mark the magnet 5 G field line and establish procedures to operate the	8.00	9/12/16	9/21/16							
Commision magnet	10.00	9/19/16	9/30/16							
LERF: Make cathode & Gun	5.00	6/27/16	7/1/16							
LERF: CW Run 1	6.00	7/22/16	7/29/16							
LERF: CW Run 2	15.00	8/15/16	9/2/16							
BUBBLE Chamber Run	15.00	8/15/16	9/2/16							
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