Themes	AIPINJ - Activity (detailed)	9/21	9/28	10/5	10/12	10/19	10/26	11/2	11/9	11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26
PSS avail	INJ SEG PSS Availability (J. Kowal) or HV conditioning start of SAD				x																				x																				
Test gun @ 200 kV	Gun - 200 kV w/o FE	X																																											
	Gun - HV condition tee, test Wien to 15 kV	X																																											
	~~Gun - Vent Gun, swap cathodes, bake~~																																												
	~~Gun - HV condition tee+ched cathode~~																																												
Demolition injector	Instrument disconnects		X																																									
	Laser box disconnects		X																																										
	Vac - Vent/remove 2I, 1I, 0I beam line			X																																									
	Crane girders to 1137			X																																									
	Drop penetrations				x																																								
Build Y TL	S&A Y-chamber fiducial on girder			X																																									
	Laser window stress tests Y-chamber				x																																								
	Add Y-viewers					x																																							
	Add NEG's						x																																						
	Add windows, valve, pumps							x																																					
	Y-chamber leak testing (pre-install)								x																																				
Install Gun to Y Tunnel	Move gun table						x																																						
	S&A set points							x																																					
	Receive pedestals								x																																				
	Install anchors, pedestals, grout								x																																				
	Fire pipe demo window							x																																					
	Map new 15 deg dipoles DR#1, DR#2																	x																											
	Move gun table, install Y and beam line											x																																	
Build 200 kV prebuncher	Prebuncher - complete machining all pars	x	x	x	x																																							
	Prebucher - braze end plates					x																																							
	Prebuncher - weld flanges, final leak check						x																																						
	Prebuncher - RF testing/tuning							x	x																																				
Wien HV System	HV disconencts		x																																									
	Install and commission Wien High Voltage System, ready for connects																				x																								
Wien Pre-Build Steps	Coordinate shop jobs/welding with vince			x																																								
	Remove Wien girder from tunnel and place them in TL1137 clean room			x																																									
	Remove Wiens from girder and remove steel & coil			x																																									
	Dissasemble keeping track of electrode positions & vacuum chambers				x																																								
	Take vacuum chambers to machine shop				x																																								
	Machine shop modfies vacuum chambers					x																																							
	Assemble Wien fixtrures					x																																							
	Take modified vacuum chambers & fixtures to Magnet Test						x																																						
	Test fit steel & coils on modified vacuum chambers						x																																						
	Install SCE PS for Wien maping							x																																					
V-Wien Rebuild	V-Wien : magnetic assembly test & field mapping							x	x	x																																			
	V-Wien : vacuum chamber to cleaning									x																																			
	V-Wien : upgrade chamber w/ 40 kV feedthroughs & ceramic screws									x																																			
	V-Wien : initial add electrodes/align										x																																		
	V-Wien : initial bake and HV tests											x	x																																	
	V-Wien : final alignment																x																													
	V-Wien : final bake and HV test (TBD)																		x																											
	V-Wien : ready for assembly to girder																			x																										
H-Wien Rebuild	H-Wien : initial magnetic assembly test & field mapping										x																																		
	H-Wien : remake end plates, clean and anneal																x																													
	H-Wien : remap H-Wien field, decide on end-plates																	x																												
	H-Wien : vacuum chamber to cleaning																		x																											
	H-Wien : upgrade chamber w/ 40 kV feedthroughs & ceramic screws																		x																											
	H-Wien : align steel/electrodes																		x																											
	H-Wien : bake and HV tests																				x																									
	H-Wien : ready for assembly to girder																					x																								
Build Wien girder TL	Wien quads crosses arrives								x																																					
	Wien quads hardware arrives									x																																				
	Wien quads arrives									x																																				
	Wien quad fit up tests											x																																		
	Wien quad magnetic tests												x					x																												
	Wien quads weld flanges																		x																											
	Wien quads build new viewers																		x																											
	Wien quads - add viewers finaly assembly																			x																										
	Replace spool in FG solenoids																	x																											
	Region 2 girder arrives									x																																				
	WIEN - (REGION 2) girder assembly/align in S&A lab																							x																					
Build A1A2 girder TL	A1/A2 - weld aperture tube to cubes						x																																						
	A1/A2 - MHD coils arrives						x																																						
	A1/A2 - MHD QC							x																																					
	A1/A2 - MHD weld up DOWN support fixutres								x																																				
	A1/A2 - collect TOP/LEFT/RIGHT flanges + tabs								x																																			
	A1/A2 - make up A1/A2 cubes, leak check									x																																			
	A1/A2 - cube fixtures arrive									x																																			
	A1/A2 - make up spare cube for magnet test									x																																			
	A1/A2 - magnetic mapping/tests with spare cube										x																																		
	A1/A2 - A1/A2 cubes gets magnets											x																																	
	A1/A2 - A1/A2 cubes get apertures for S&A												x																																
	A1/A2 - A1/A2 final assembly of each cube is done																x																												
	A1/A2 - rebuild viewers																		x																											
	A1/A2 - girder arrives									x																																				
	A1/A2 (REGION 3) girder component assembly/align in S&A lab																				x																								
Build 200 kV PSS kicker	PSS kicker design done							x	x																																				
	PSS kicker ordered									x																																				
	PSS kicker due																							x																					
	PSS kicker assembly parts done																							x																					
	PSS kicker bench tested, ready																								x																				
Install bake girders tunnel	Preliminary injector songsheet available																x																												
	Region 2 girder install/align																							x	x																				
	Region 2 girder bake																									x	x																		
	Region 2 girder reconnects																											x	x																
	Region 3 girder install/align																				x	x																							
	Region 3 girder bake																						x	x																					
	Region 3 reconnects																								x	x																				

Themes	AIPINJ - Activity (detailed)	9/21	9/28	10/5	10/12	10/19	10/26	11/2	11/9	11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	AIPINJ - Activity (detailed)
PSS	PSS INJ CERT																							X																						PSS INJ CERT
	PSS NL CERT																																			X										PSS NL CERT
	STEVE NL AVAIL																																					X									STEVE NL AVAIL
	PSS MACHINE CERT																																					X									PSS MACHINE CERT
CRYO	QCM @ 4K																															X														QCM @ 4K
	QCM @ 2K																																			X										QCM @ 2K
AIPINJ Commissioning	Complete Installation																												X																	Complete Installation
	HCO and System Readiness																																X													HCO and System Readiness
	Commission INJ setup @ 130/200																																					X								Commission INJ setup @ 130/200
	LLRF 3.0 Window (prebuncher + buncher + choppers)																																										X			LLRF 3.0 Window (prebuncher + buncher + choppers)
	Commission INJ/NL @ 130 + Wiens																																								X					Commission INJ/NL @ 130 + Wiens
CEBAF Restore	CEBAF Restoration																																										X			CEBAF Restoration
	Physics Begins																																											X		Physics Begins
LERF	LERF HV CHECK (do we need processing?)								x																																					LERF HV CHECK (do we need processing?)
	CIS Ready for LERF Run 1 - 5 kW test																x	x																												CIS Ready for LERF Run 1 - 5 kW test
	CIS LERF Run 2 - ISOTOPE RUN																																			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	CIS LERF Run 2 - ISOTOPE RUN