Muon Campus Interface Milestones

Milestone Name	Responsibility	Impacts	Forecast	Target	Needed by	Actual
MC-1 Bldg Beneficial Occupancy for Cryo	MC-1 Building GPP	Cryo AIP	1/8/14	1/8/14	as soon as possible	1/8/2014
MC-1 Bldg Beneficial Occupancy for g-2 Ring	MC-1 Building GPP	g-2	4/10/14	2/18/14	as soon as possible	4/10/2014
End of Circulating Beam Studies	g-2, Mu2e	g-2, Mu2e, Delivery Ring AIP	4/25/14	4/1/14	6/30/14	4/25/2014
MC-1 Cryo Room Controls Available	MC-1 Building GPP	Cryo AIP	9/22/14	9/22/14	as soon as possible	6/6/2014
Cryo Compressor Cooling Established	MC Infrastructure GPP	Cryo AIP	9/30/14	9/30/14	10/31/14	8/15/2014
Cryo g-2 acceptance tests complete	Cryo AIP	lower-level milestone for g-2	10/24/14	10/24/14	as soon as possible	
Cryo Ready to Cool g-2	Cryo AIP	g-2	3/15/15	3/15/15	as soon as possible	
Beamline Enclosure Beneficial Occupancy	Beamline Enclosure GPP	g-2	6/9/15	9/30/15	1/21/16	
MI-52 Bldg Extension Beneficial Occupancy	MC Infrastructure GPP	Beam Transport AIP	9/30/15	9/30/15	9/30/15	
Beam Transport Complete	Beam Transport AIP	g-2, Mu2e	2/1/16	2/1/16	3/31/17	
D30 Straight Section Ready for New Installation	g-2	Delivery Ring AIP	2/5/15	2/5/15	5/17/16	
Recycler RF Complete	Recycler RF AIP	g-2, Mu2e	9/30/16	9/30/16	3/31/17	
Delivery Ring Complete	Delivery Ring AIP	g-2, Mu2e	9/30/16	9/30/16	3/31/17	
Shield Wall Installation	g-2	Mu2e	1/5/17	1/5/17	before g-2 running	
Cryo: Mu2e Distribution Box Cold	Cryo AIP	Mu2e	7/15/17	7/15/17	9/15/17	

Mu2e	Ron B	date	8/25/14
g-2	[signature]		8/25/14
MC-1 Building GPP			
Beamline Enclosure GPP			
MC Infrastructure GPP			
Cryo AIP	[signature]		8/26/14
Recycler RF AIP			
Beam Transport AIP			
Delivery Ring AIP	Gerald Annala		8/20/14
MC Program Coordinator	Mary E [signature]		8/20/14

Milestone Name	Definition
MC-1 Bldg Beneficial Occupancy for Cryo	Cryo may begin installation in MC-1 building refrigerator room
MC-1 Bldg Beneficial Occupancy for g-2 Ring	Beneficial occupancy of MC-1 high-bay
End of Circulating Beam Studies	g-2 and Mu2e studies in the Debuncher are complete
MC-1 Cryo Room Controls Available	Communication established to MC-1 refrigerator room
Cryo Compressor Cooling Established	Cooling water available to cryo compressors at A0
Cryo g-2 acceptance tests complete	Ready to commission cryo for g-2 using test box
Cryo Ready to Cool g-2	Cryo ready to cool the g-2 ring
Beamline Enclosure Beneficial Occupancy	Beneficial occupancy of beamline enclosure; g-2 and Mu2e may begin installation of LCW piping
MI-52 Bldg Extension Beneficial Occupancy	Ready for installation of power supplies in MI-52 building extension
Beam Transport Complete	Beam Transport AIP upgrades ready for commissioning with beam
D30 Straight Section Ready for New Installation	D30 straight section reconfigured to allow installation of M3, M4, DR injection and extraction
Recycler RF Complete	Recycler RF ready for commissioning with beam; Delivery Ring RF cavities constructed
Delivery Ring Complete	Delivery Ring AIP upgrades ready for commissioning with beam
Shield Wall Installation	Start date for M5 shield wall installation used to coordinate M4 shield wall installation
Cryo: Mu2e Distribution Box Cold	Mu2e distribution box cooldown complete