

Muze Construction Readiness Reviews (docdb # 11663)												
Tab #	Topic / Area	Date	Subsystem	Contact	Committee Members	Recommendations MuzeDocDB#	Negative MuzeDocDB#	# Recommendations	# Open	# Closed	Approved MuzeDocDB#	Review Webpage
1	Transportation Control Module	2-Sep-15	Solenoids	M. Lamm/J. Hoeker	Dave Farling (FNL, AD), Joe Fares (FNL, FPD), Rodrigo (FNL, AD), Brendan Casey (FNL, PPD), Hans Danielsson (CEM), Scott Lancaster (UCL) and Hogan Nguyen (FNL, PPD)	2020	1022	2	0	2	1035	http://muze.fnal.gov/public/projects/11663/11663Doc
2	Tracker Drives	31-Aug-16	Tracker	Axel Mulherjer	John Anderson (FNL, AD), Madlyn Worler (FNL, AD), Wayne Schmitt (FNL, AD)	2024	2874	4	0	4	2222	http://muze.fnal.gov/public/projects/11663/11663Doc
3	Radiation Safety / Shielding	14-Sep-16	Accelerator	S. Workema/V. Nagelaw	Jerry Annala (FNL, AD), Mike Convey (FNL, AD), Jim Morgan (FNL, AD), Russ Rucinski (FNL, PPD)	2026	N/A	0	0	0	2326	http://muze.fnal.gov/public/projects/11663/11663Doc
4	External Beams/line	21-Sep-16	Accelerator	S. Workema/V. Nagelaw	Jerry Annala (FNL, AD), Mike Convey (FNL, AD), Jim Morgan (FNL, AD), Russ Rucinski (FNL, PPD)	2026	2664	3	0	3	2226	http://muze.fnal.gov/public/projects/11663/11663Doc
5	Solenoid Coils	3-Jan-17	Solenoids	M. Lamm/J. Hoeker	N/A	N/A	N/A	0	0	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
6	TC Crystals	27-Jan-17	Solenoids	M. Lamm/J. Hoeker	Fred Heideger (FNL, TD), Tag Arkari (FNL, TD), Chuck Grimm (FNL, TD)	2023	2474	14	0	14	2870	http://muze.fnal.gov/public/projects/11663/11663Doc
7	Beam Line Radiation Shielding	1-Feb-17	Accelerator	S. Workema/V. Nagelaw	Dave Pudzik (FNL, AD), Kurt Krenhart (FNL, TD), Tom Page (FNL, TD), Russ Rucinski (FNL, PPD)	2027	2466	10	1	9	2128	http://muze.fnal.gov/public/projects/11663/11663Doc
8	Copper Feeders & Transfer Lines	16-Feb-17	Solenoids	M. Lamm/J. Hoeker	Jay Trillinger (FNL, AD), Alan Martin (FNL, TD), Roger Rabati (FNL, TD)	2027	2472	5	0	5	2628	http://muze.fnal.gov/public/projects/11663/11663Doc
9	External Extraction Collimation	20-Feb-17	Accelerator	Eric Prebys	Kevin Dool (FNL, AD), Curt Peterson (FNL, AD)	2023	2534	10	0	10	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
10	Resonant Extraction Magnets	8-Mar-17	Accelerator	S. Workema/V. Nagelaw	Denton Morris (FNL, AD), Lamin Brown (FNL, TD), Consolato Galuso (FNL, AD)	2025	11226	5	0	5	10691	http://muze.fnal.gov/public/projects/11663/11663Doc
11	External Extraction Monitor Detector	12-May-17	Accelerator	Eric Prebys	Ron Lipston (FNL), Gary Drake (FNL), Vic Guzmán (FNL), Indira Madhavi (FNL)	11202	11205	6	1	5	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
12	Calorimeter Crystals & Photomultiplier	19-Jun-17	Calorimeter	Stefano Mucatti	Bob Trichhart (FNL, PPD) Clear Hill (Soprisa University, Rome), Ed Butler (U of Chicago), Adam Pars (FNL, SC), Sergey van (FNL, PPD), Elizabeth Westendorp (FNL)	12209	12230	3	0	3	12132	http://muze.fnal.gov/public/projects/11663/11663Doc
13	Extraction AP Diodes Magnets & Beamline Bowties	5-Jun-18	Accelerator	S. Workema/V. Nagelaw/D. Skill	Alex Chen (AD), Lee Day (AD), Bruce Hanna (SP-SD), Vladimir Koshulin (TD)	20800	20511	6	3	3	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
14	External Extraction Monitor Filter	15-Aug-18	Accelerator	S. Workema/V. Nagelaw	Kris Anderson (FNL), Erik Wenz (FNL)	21124	21020	5	1	4	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
15	Target Station - Protection Collimator	2-Oct-17	Accelerator	S. Workema/V. Nagelaw/D. Mitchell	Lucy Rodriguez (FNL, AD), Joe Janda (FNL, AD), Jim Keller (FNL, PPD), Russ Rucinski (FNL, PPD), Madlyn Worler (FNL, AD)	14724	14718	5	1	4	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
16	Delivery Ring BE	7-Nov-17	Accelerator	S. Workema/V. Nagelaw/D. Day	Craig Drennon (FNL, AD), Dave Peterson (FNL, AD)	14724	20260	4	4	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
17	Control & Instrumentation	16-Oct-17	Accelerator	S. Workema/V. Nagelaw/B. Drennon	Jonathan Lewis (FNL, PPD), Jim Morgan (FNL, AD)	16618	20286	3	0	3	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
18	Radiation Safety / I Safety Systems	16-Oct-17	Accelerator	S. Workema/V. Nagelaw/T. Knox	Madlyn Worler (FNL, AD), Wayne Schmitt (FNL, AD)	18618	20286	1	1	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
19	Beamline II Vacuum, power supplies and motor stands	15-Oct-17	Accelerator	S. Workema/V. Nagelaw/D. Skill	Russ Rucinski (FNL, PPD), Mary Convey (FNL, AD)	14418	20286	3	1	2	14664	http://muze.fnal.gov/public/projects/11663/11663Doc
20	SIS Lithium Fixtures	30-Oct-17	Accelerator	S. Workema/V. Nagelaw	Russ Rucinski (FNL, PPD), Jim Keller (FNL, PPD), John Wertz (FNL, PPD), Tom Page (FNL, TD)	18178	20280	3	1	2	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
21	Resonant Extraction II Power Supplies	4-Jun-18	Accelerator	S. Workema/V. Nagelaw	S. Hays, B. Hanna	20721		1	0	1	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
22	Beamline II Final Focus magnet stands, vacuum, power supplies	26-Feb-19	Accelerator	S. Workema/V. Nagelaw/D. Skill	J. Annala (FNL, AD), M. Convey (FNL, AD), J. Morgan (FNL, AD), G. D.	20729	20502	4	0	4	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
23	Radiation Safety - CRAB - in Tunnel Shielding over Loss Points	1-Aug-19	Accelerator	S. Workema/V. Nagelaw	R. Rucinski (FNL, PPD), K. Anderson (FNL, AD), M. Alvarez (FNL, AD), W. Schmitt (FNL, ESP)	28188		2	2	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
24	Resonant Extraction II Electronics	15-Oct-18	Accelerator	S. Workema/V. Nagelaw	D. Morris (FNL, AD), M. Jones (FNL, AD), R. Rivera (FNL, AD)	24196		1	0	1	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
25	Target Station - Commissioning Target	23-Apr-18	Accelerator	S. Workema/V. Nagelaw/D. Pudzik	R. Ray (FNL, PPD), J. Whitmore (FNL, PPD), R. Rucinski (FNL, PPD), G. Ginter (FNL, PPD)	17222	N/A	0	0	0	N/A	Mini-CRM. Talk is posted in DocDB 17222.
26	Target Station - Target	15-Jan-20	Accelerator	S. Workema/V. Nagelaw	K. Amiggen (FNL, AD), K. Anderson (FNL, AD), Chao C. Barber (FNL), R. Coleman (FNL, AD), R. S. Lee (FNL, AD), R. Rucinski (FNL, PPD)	20287		5	5	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
27	Calorimeter Mechanical Systems	20-May-19	Calorimeter	Stefano Mucatti	D. Ruzhika (FNL, AD), J. Freeman (FNL, PPD), G. Derylo (FNL, PPD), K. Bossert (FNL, TD), L. Nohrberg (FNL, AD)	20181	20161	9	5	4	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
28	Calorimeter Electronics - FEE Card	18-Nov-19	Calorimeter	Stefano Mucatti	G. Derylo (FNL, PPD), S. Hansen (FNL, PPD), S. Los (FNL, PPD)	20218	20364	9	8	1	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
29	CRV Actuators & Fibre	13-Nov-17	CRV	C. Dukas	Alan Brown (FNL, AD), Jim Freeman (FNL, PPD), Alan Heering (Neutrino Beam)	14626	14665	3	0	3	14628	http://muze.fnal.gov/public/projects/11663/11663Doc
30	CRV Fibres	13-Nov-17	CRV	C. Dukas	Combine with Tab #18	14626	14665	3	0	3	14628	http://muze.fnal.gov/public/projects/11663/11663Doc
31	CRV Diagnostics	23-May-18	CRV	C. Dukas	R. Ray (FNL, PPD), J. Whitmore (FNL, PPD), R. Rucinski (FNL, PPD), G. Ginter (FNL, TD)	17989	N/A	0	0	0	N/A	Mini-CRM. Minutes are posted in DocDB 17949.
32	CRV Modules (Top, Side, Upstream, Downstream)/Electronics	16-Oct-18	CRV	C. Dukas	M. Lindgren (FNL, AD), J. Freeman (FNL, PPD), E. Prussitt (FNL, AD), S. Los (FNL, PPD), G. Drake (FNL)	20100		9	0	9	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
33	Beam System	24-Jan-19	Muon Beamline	G. Ginter	R. Rucinski (FNL, PPD), G. Gallo (FNL, PPD), K. Sommer (FNL)	24373	24371	4	0	4	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
34	Muon Beam Stop	12-Nov-19	Muon Beamline	G. Ginter	R. Rucinski (FNL, PPD), J. Brandt (FNL, AD), L. Martin (FNL, PPD)	20217		1	1	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
35	Clipping Target	7-Jun-19	Muon Beamline	G. Ginter	J. Brandt (FNL, APS-TD), Giuseppe Gallo (FNL, PPD), Luke Martin (FNL, PPD), Russ Rucinski (FNL, PPD)	20928		2	2	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
36	Muon Beamline Collimator & Anti-Proton Window	23-Jan-20	Muon Beamline	G. Ginter	D. Mitchell (FNL, AD), J. Brandt (FNL, AD), L. Nohrberg (FNL, AD), V. Sabone (FNL, APS-TD)	11193		17	17	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
37	DS Internal Shielding	7-Jun-19	Muon Beamline	G. Ginter	J. Brandt (FNL, APS-TD), Giuseppe Gallo (FNL, PPD), Luke Martin (FNL, PPD), Russ Rucinski (FNL, PPD)	20928		1	0	1	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
38	Slow Magnetizing	15-Feb-18	Solenoids	M. Lamm/J. Hoeker	Ruben Carrasco (FNL, TD), Guram Chikhradze (FNL, TD), Joe Ouellet (FNL, TD)	16264	16501	3	0	3	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
39	Quench Protection System	10-Jul-18	Solenoids	M. Lamm/J. Hoeker	Henry Pfeiffer (FNL, FNL), Yury Prokhorov (FNL), Walt Isidorey (FNL)	18099	N/A	0	0	0	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
40	TC Crystals	23-Feb-18	Solenoids	M. Lamm/J. Hoeker	Tag Arkari (FNL, FNL, TD), Chuck Grimm (FNL, TD)	16490	16490	1	0	1	16538	http://muze.fnal.gov/public/projects/11663/11663Doc
41	Solenoid Electronics - Control	18-Jun-18	Solenoids	M. Lamm/J. Hoeker	Muon Beamline Team	20222						
42	Solenoid Electronics - Control	23-Jun-19	Solenoids	M. Lamm/J. Hoeker	Muon Beamline Team	20222						
43	Tracker Drive Assembly	11-Sep-18	Tracker	Axel Mulherjer	Brendan Casey (FNL, FNL, PPD), Garry Drake (FNL), Richard Koss (FNL)	20591	20590	4	2	2	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
44	Tracker Drive Assembly - Follow up CR	28-Oct-19	Tracker	Axel Mulherjer	Brendan Casey (FNL, FNL, PPD), Jimmie Adams (FNL, Quater), Joe Price (Overpool), Gary Drake (FNL), Richard Koss (FNL)	20590	20540	5	3	2	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
45	Backs and Back Protection CR	17-Oct-17	Trigger/DAQ	R. Rivera	Peter Wilson (FNL, AD), Steve Chapman (FNL, PPD)	14725	14721	3	0	3	14196	http://muze.fnal.gov/public/projects/11663/11663Doc
46	Production DTC, CO, and Timing Distribution CR	27-Feb-19	Trigger/DAQ	R. Rivera	Alan Prosser (FNL, FNL, SC), Jameson Guan (FNL, PPD), Dave Newbold (FNL)	24807	25044	3	0	3	N/A	http://muze.fnal.gov/public/projects/11663/11663Doc
47	Installation/beamline - JCS	17-Jun-19	Solenoids	M. Lamm/J. Hoeker	Muon Beamline Team	20222						http://muze.fnal.gov/public/projects/11663/11663Doc
48	Installation/beamline - Mechanical & Civil/beamline	18-Sep-19	Solenoids	M. Lamm/J. Hoeker	Muon Beamline Team	20222						http://muze.fnal.gov/public/projects/11663/11663Doc
49	Installation/beamline - Shield/Collimator	7-Aug-19	Solenoids	M. Lamm/J. Hoeker	Muon Beamline Team	20222						http://muze.fnal.gov/public/projects/11663/11663Doc