Director's Independent Design and CD-2/3 Review of the Muon g-2 Project June 17-19, 2014

AGENDA

Tuesday, June 17

EXECUTIVE SESSION – Comitium (WH-2SE)

8:00 – 8:50	AM	50	Executive Session	Steve Holmes

PLENARY SESSION – Curia II (WH2SW)

8:50 – 9:10	AM	20	Welcome and the Fermilab Context	Greg Bock
9:10 – 10:05	AM	55	Project Overview	Chris Polly
10:05 – 10:15	**AM**	**10**	**BREAK – WH2 Crossover (WH2XO)**	
10:15 – 10:55	AM	40	WBS 476.2 Accelerator	Mary Convery
10:55 – 11:45	AM	50	WBS 476.3 Ring	Hogan Nguyen
11:45 – 12:25	PM	40	WBS 476.4 Detectors	Brendan Casey
12:25 – 1:15	**PM**	**50**	**LUNCH – Tables available on WH2 Crossover**	

TOUR

1:15 – 2:15	PM	60	Tour of MC-1 Building

PARALLEL BREAKOUT SESSIONS

2:15 – 3:30 PM 75

Session 1: WBS 476.01 Project Management– Comitium (WH2SE)
Session 2: WBS 476.02 Accelerators – Theory (WH3NW)
Session 3: WBS 476.03 Ring – Curia II (WH2SW)
Session 4: WBS 476.04 Detectors – Racetrack (WH7XO)

3:30 – 3:45 PM 15 BREAK – Outside Comitium (WH2SE)

PARALLEL BREAKOUT SESSIONS - continued

3:45 – 4:45 PM 60

Session 1: WBS 476.01 Project Management– Comitium (WH2SE)
Session 2: WBS 476.02 Accelerators – Theory (WH3NW)
Session 3: WBS 476.03 Ring – Curia II (WH2SW)
Session 4: WBS 476.04 Detectors – Racetrack (WH7XO)

4:45 – 5:30	PM	45	Subcommittee Executive Session – in Breakout Rooms
5:30 – 6:30	PM	60	Full Committee Executive Session – Comitium (WH2SE)

Wednesday, June 18

PARALLEL BREAKOUT SESSIONS - continued
8:00 – 9:45 AM 105
Session 1: WBS 476.01 Project Management – Comitium (WH2SE)
Session 2: WBS 476.02 Accelerators – Theory (WH3NW)
Session 3: WBS 476.03 Ring – Curia II (WH2SW)
Session 4: WBS 476.04 Detectors – Racetrack (WH7XO)

9:45 – 10:00	**AM**	**15**	**BREAK – Outside Comitium (WH2SE)**

PARALLEL BREAKOUT SESSIONS - continued
10:00 – 11:45 AM 105
Session 1: WBS 476.01 Project Management – Comitium (WH2SE)
[Continuation if needed]
Session 2: WBS 476.02 Accelerators – Theory (WH3NW)
Session 3: WBS 476.03 Ring – Curia II (WH2SW)
Session 4: WBS 476.04 Detectors – Racetrack (WH7XO)

11:45 – 12:45	**PM**	**60**	**LUNCH – Tables Available on WH2XO**
12:45– 1:45	PM	60	Response to reviewer questions from Day One and questions from the morning breakout sessions – Comitium (WH2SE)
1:45 – 3:30	PM	105	Subcommittee Executive Session/Report writing – **in Breakout Rooms**
3:30 – 3:45	**PM**	**15**	**BREAK – Comitium (WH2SE)**
3:45 – 5:00	PM	75	Full Committee Executive Session/Report writing - Comitium (WH2SE)

Thursday, June 19

8:00 – 10:00	AM	120	Committee Report writing - Comitium (WH2SE)
10:00 – 10:30	**AM**	**30**	**BREAK – Outside Comitium (WH2SE)**
10:30 –1:30	PM	180	Full Committee Executive Session Dry Run – Comitium (WH2SE) with Working Lunch
1:30 – 2:30	PM	60	Closeout Presentations – One West (WH1W)
2:30	PM		Adjourn

Table 1
Subcommittee Breakout Session Available Talks

Tuesday, June 17, 2014

B01 WBS 476.01 Project Management – Comitium (WH2SE)
- B01-1 Muon Campus Interface: Chris Polly (Fermilab)
- B01-2 Cost and Schedule: Chris Polly (Fermilab)
- B01-3 Demo of EVMS/Management Tools: Chris Polly (Fermilab)
- B01-4 ESH&Q: Wyatt Merritt (Fermilab)
- B01-5 Documentation Status: Wyatt Merritt (Fermilab)
- B01-6 Review Responses to Previous Reviews: Wyatt Merritt (Fermilab)

B02 WBS 476.2 Accelerators – Theory (WH3NW)
- B02-1 Accelerator Management: Mary Convery (Fermilab)
- B02-2 Muon Campus Program: Mary Convery (Fermilab)
- B02-3 Muon g-2 WBS 476.02.02 Target Station: Dean Still (Fermilab)
- B02-4 Final Focus, M2 & M3 Lines: Jim Morgan (Fermilab)

B03 WBS 476.3 Ring – Curia II (WH2SW)
- B03-1 L3 Talk for Ring Magnet: Del Allspach (Fermilab)
- B03-2 L3 Controls and Instrumentation: Dan Markley (Fermilab)
- B03-3 g-2 Inflector 476.03.03: B. Lee Roberts (Boston)
- B03-4 Installation Technical Talk: Aria Soha (Fermilab)
- B03-5 Inflector Magnet – New Design: Vladimir Kashikhin (Fermilab)
- B03-6 Shield Studies: Emanuela Barzi (Fermilab)
- B03-7 Alignment Technical Talk: Horst Friedsam (Fermilab)
- B03-8 Power Supplies, Electrical Distribution and Grounding: Steve Chappa (Fermilab)
- B03-9 Test of Splices for G-2 Muon Ring Main Magnet: Emanuela Barzi (Fermilab)

B04 WBS 476.4 Detectors – Racetrack (WH7XO)
- B04-1 Omega a Overview: David Hertzog (University of Washington)
- B04-2 Beam Dynamics: Thomas Gadfort (Fermilab)
- B04-3 L3 Tracker: Brendan Casey (Fermilab)
- B04-4 Auxiliary Detectors: Fred Gray (Regis)

Wednesday, June 18, 2014

B01 WBS 476.01 Project Management – Comitium (WH2SE)
- B01-7 TBD

B02 WBS 476.2 Accelerators – Theory (WH3NW)
- B02-5 Straight Section Reconfiguration: Dean Still (Fermilab)
- B02-6 Delivery Ring, M4 & M5 Lines: Jim Morgan (Fermilab)
- B02-7 Accelerator Controls and Instrumentation: Brian Drendel (Fermilab)
- B02-8 Drilldowns

B03 WBS 476.3 Ring – Curia II (WH2SW)
- B03-10 Ring Injection Kickers: Dave Rubin (Cornell)
- B03-11 Quadrupoles and Collimators: Volodja Tishchenko (BNL)
- B03-12 Storage Ring Vacuum: Hogan Nguyen (Fermilab)
- B03-13 Field Measurement and Omega p Systematics: David Kawall (U of Mass, Amherst)
- B03-14 L4: Passive and Active Shimming: Brendan Kiburg (Fermilab)
- B03-15 L4 Fixed Probes: Erik Swanson (University of Washington)

B03-16 L4 DAQ Electronics: Erik Swanson (University of Washington)
B03-17 L4: Trolley/Garage/Drive: Peter Winter (ANL)
B03-18 Absolute Calibration: David Kawall (U of Mass, Amherst)
B03-19 Lost Muon Systematic Error and Quads/Collimators: Bill Morse (BNL)
B03-20 Ring Injection Kickers Technical Details: Dave Rubin (Cornell)

B04 WBS 476.4 Detectors – Racetrack (WH7XO)
B04-5 Calorimeter Subsystems: David Hertzog (University of Washington)
B04-6 Backend Electronics: Lawrence Gibbons (Cornell)
B04-7 L3 Fast DAQ Talk: Tim Gorringe (University of Kentucky)
B04-8 Backend Electronics and Clock Distribution: Sabato Leo (Univ of Illinois)
B04-9 Bias Voltage Control System for the Calorimeters: Dinko Pocanic (Univ of Virginia)
B04-10 Calibration System: Graziano Venanzoni (INFN - Frascati)
B04-11 L3 Slow Controls: Peter Winter (ANL)