

Minutes of the sPHENIX PMG meeting #26

Present: M.Chamizo-Llatas, , B.Mueller, J.Dunlop , M. Anerella, M.A.Pleier, B.Wahl , G.Young, E.O'Brien, C.Lavelle. Excused: J.Touzzolo, L. Ruan, D.Lissauer, T.Roser

December 14, 2018

Agenda: <https://indico.bnl.gov/event/5421/>

The Preliminary Project Management Plan (PPMP) has been discussed with the BNL Director's office and NPP ALD and is nearly ready for submission to DOE. It includes the recommendations from the DOE program office on how to manage projects below \$50M and a description of the roles of NPP ALD and BNL Director. The reporting line to BSHO and DOE still needs input from DOE. The Muon Magnet North has been removed and the R&R is expected to be over when closing for Run19. The LPP contract for the HCAL Tiles needs to be placed via a University, as recommended by DOE, and the overhead rates need to be understood. All MoAs have been signed with the exception of the conventional facilities. TEC account for LLP are open. The MVTX is now in P6 and discussions ongoing to get some of the labor as contributed labor to keep the cost below \$5M. For the procurement of the Readout Units a letter will be sent to CERN to assure that the funding will be available early 2019. The task force created after the MVTX review in July 2018 has finalized the tracking simulation studies and the likely configuration of the INNT will be two layers. Two engineers will be retiring by the end of CY18 and is also seeking for one temporary designer. A LESHG-PCSS cryogenics safety review took place December 5, 2018 and the committee was satisfied with the design and gives permission for sPHENIX (C-AD Cryo group) to proceed with the procurement plans.

Recommendations to the sPHENIX team

- Inform the PMG on the evolution of the HCAL Tiles contract
- Inform the PMG on the plan to replace people retiring and timescale
- Inform the PMG on the outcome of the MVTX review that took place in November '18
- Add one slide containing high level information of the milestones and achievements (see attached example from cBETA) in future presentations

Recommendations to ALD Office

- Contact DOE to clarify the DOE reporting line in the PMP
- Contact CERN to make sure that the order for the MVTX RU is placed

#	Technical milestone	Contract	Actual	Forecast
	NYSERDA funding start date		31-Oct-16	
1	Engineering design documentation complete	31-Jan-17	31-Jan-17	31-Jan-17
2	Prototype girder assembled	30-Apr-17	30-Apr-17	30-Apr-17
3	Magnet production approved	30-Jun-17	23-Jun-17	30-Jun-17
4	Beam through Main Linac Cryomodule	31-Aug-17	16-Jun-17	31-Aug-17
5	First production hybrid magnet tested	31-Dec-17	21-Dec-17	31-Dec-17
6	Fractional Arc Test: beam through MLC & girder	30-Apr-18	20-Apr-18	30-Apr-18
7	Girder production run complete	30-Nov-18	21-Nov-18	30-Nov-18
8	Final assembly & pre-beam commissioning complete	28-Feb-19		28-Feb-19
9	Single pass beam energy scan	30-Jun-19		30-Jun-19
10	Single pass beam with energy recovery	31-Oct-19		31-Oct-19
11	Four pass beam with energy recovery (low current)	31-Dec-19		31-Dec-19
12	Project complete	30-Apr-20		30-Apr-20

