

Minutes of the sPHENIX PMG meeting #24

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

October 25, 2018

Agenda: <https://indico.bnl.gov/event/5183/>

The Preliminary Project Management Plan (PPMP) for sPHENIX was discussed with a special emphasis directed towards the difference between the PPMP and the existing Preliminary Project Execution Plan (PPEP). Among the main differences (see slides for more detailed information) are descriptions of job responsibilities for the DOE, FPM, BHSO Manager (now Bob Gordon), BNL Lab Director, NPP ALD and NPP Director of OPPO for Detector Projects. The difference between sPHENIX and other projects is in the way it will be funded, which will use redirected funds from operations. The funds will go directly to the NPP ALD and not to the Lab Director. The org chart should somehow include the funding line, as well as the BNL Director who will now be accountable for the success of the project under the new DOE guidance for projects <\$50M. The PMG recommends that the ALD for NPP and the BNL Lab Director should discuss the roles for an appropriate share of responsibility and to properly account for the flow of funds in the org chart. The PPMP was sent to DOE before internal discussions took place with the sPHENIX PMG, which is contrary to a recommendation that the PMG provided, which asked to have the PPMP sent to the PMG one week before DOE submission. Based on the PMG recommendations noted above as well as other changes that may need to be made, the PPMP will need to be re-transmitted to DOE, which could result in protracted discussion, which might have otherwise been avoided if a timely submission of the PPMP was made to the PMG.

The technical aspects of the integration of MVTX inside sPHENIX were presented and the PMG recommends having a dedicated review that focuses on installation and integration. At this moment, it is unclear if the MVTX can be properly cabled and installed into sPHENIX given the modifications to the power cable that are planned with respect to the ALICE design.

Recommendations to the sPHENIX team

- Conduct a technical review with subject matter experts for the installation of the MVTX into sPHENIX (conduct before November 14, 2018). The details of the installation need to be understood and agreed upon before issuing the procurement for the power cables.
- Going forward, important documentation should be properly vetted by the PMG prior to submitting to DOE. The information should be provided to the PMG at least one week prior to submission.
- Define a few (3 to 4) L1 milestones per year to be included in the PPMP.
- Provide the FY19 cost profile for the next PMG

Recommendations to ALD for NPP

- The ALD for NPP and the BNL Lab Director should discuss the role of management on projects that are <\$50M. The discussion should focus on the lines of accountability and funding and how both should be reflected in the project org chart.