SHiP **3 April 2020**

Minutes of the 17th SHiP Country Representatives Board
(CERN, 3 April 2020)

Present:
R. Tsenov (Bulgaria, JINR), T. Ruf (CERN), O. Ruchyaskiy (Denmark), H. Lacker (Germany), W. Bonivento (Italy), M. Komatsu (Japan), A. Boiarskyi (The Netherlands & Ukraine), A. Blanco (Portugal), V. Shevchenko and N. Polukhina (Russia), C.S. Yoon (Korea), A. Bay (representing N. Serra, Switzerland), A. Murat Guler (Turkey), M. Campanelli (UK), E. van Herwijnen (interim Chairperson), A. Golutvin (interim Spokesperson), R. Jacobsson (Technical Coordinator), G. De Lellis (ν_τ-detector), M. de Serio (Bari)

1. Minutes of the previous CRB meeting. E. van Herwijnen, Interim Chairperson of the Country Representatives Board.
The minutes of the CRB of 30 October 2019 were approved.

2. News from the management. A. Golutvin**,** Interim Spokesperson

A. Golutvin referred to his Introduction at this meeting. The large attendance at this meeting shows the coherence of the Collaboration.

3. News from Technical and Physics Coordination. R. Jacobsson and N. Serra

N. Serra will present the plan for the Physics Working Groups during the TDR phase in a forthcoming GPD meeting.

For news from the Technical Coordination R. Jacobsson referred to his talk.

The update to the project structure proposed by R. Jacobsson was unanimously ratified:

- Saverio Simone has stepped down as convener of the Upstream Muon detector. R. Jacobsson thanked Saverio for his work and contributions to this project.
- New project convener for the Upstream Muon detector: Marilisa de Serio.

4. LHCC recommendations for SND@LHC

Before defining its position as regards SND@LHC, the SHiP Collaboration has decided to wait for the outcome of the EPPSU recommendations, and the ensuing decision from the CERN Research Board.

In the case that SHiP obtains provisional approval to go to the TDR phase, the Collaboration points out the following:

1. The focus of the Collaboration's activities will become the execution of the R&D necessary for the timely production of the TDRs. As such, the main value of the

SND@LHC project would be to test various SHiP sub detector prototypes in a high occupancy environment.
2. The Collaboration remains focussed on achieving its physics goals at the Beam Dump Facility.
3. The quantity of emulsion (which needs to be replaced every 25 fb-1) is beyond the production capacity of the current member institutes of SHiP. This may change if provisional approval is obtained.
4. The SHiP Collaboration is open to discuss other organisational frameworks which may be necessary to realise SND@LHC and to allow non-SHiP members to contribute.

If SHiP does not obtain provisional approval to go to the TDR phase, the Collaboration would need to re-discuss its position. Members might still be interested to pursue the project.

As regards the measurement of the associated charm production at the SPS, a decision will be taken after the analysis of the 2018 prototype test beam run has been completed and the implications on the detector requirements are better understood.

Given the current conjuncture a full approval of SHiP cannot be expected in the short term. However, "provisional approval to proceed with the TDR phase" is an interim state that would allow the Collaboration to continue with its R&D until the situation at CERN will permit a full approval.

5. Next outside CERN SHiP Collaboration meeting at Bari

Due to the Covid-19 lockdown, Bari is unable to organise the Collaboration meeting planned for 24-26 June. It was therefore decided to postpone this meeting at Bari till June next year, 2021. The meeting 24-26 June 2020 will be held via video.

6. AOB

H. Lacker mentioned that for applications to the Funding Agencies they need to know what resources are required. The subdetector conveners should evaluate the resources needed by the various institutes for their R&D during the TDR phase. This will be discussed at the next Technical Board on 17 April.

There being no further business, the chairperson closed the meeting.

E. van Herwijnen