

Minutes of SHARK-NIR (SN) Pre-Com-2 “Green Light” Meeting September 12, 2022

Attendees: Al, Alessandro, Christian, Davide G., Davide R., Doug, Elliott, Gabriele, James, Jennifer, Joe, John, Juan Carlos, Maria, Mark, Pat, Paul, Robert

1. We reviewed the [schedule that integrates SOUL/SN activities](#).
2. From the LBT side the schedule is OK and SN has the green light to purchase airline tickets.
3. The main obstacle is the training
 - 3.1. Training on the summit is only possible on September 29th.
 - 3.2. Training in Tucson is available on October 3rd and 4th.
 - 3.3. It is not practical for the SN team to either arrive early for the 29th or send all personnel to be trained to Tucson on the 3rd or 4th.
 - 3.4. Several alternatives were suggested:
 - 3.4.1. Find an alternative company that could go to the summit for the training.¹
 - 3.4.2. Use a company in Italy before flying to LBT.
 - 3.4.3. Send a single member of the team to Tucson for the training on the 3rd or the 4th.
 - 3.5. *Action item to David + SN team:* Work together to try to find a solution that will allow the new schedule to work.
4. Day Crew support on the weekend of 8-9 October.
 - 4.1. In the previous schedule the SN team had worked it out to not require extensive support on the weekends, but to produce a schedule that works with the SOUL constraints this was not possible.
 - 4.2. The SN team notes that two persons from the day crew will be required for most of the hours during that weekend to assist with craning and lifting SN components into place.
 - 4.3. It is, however, unlikely that LBT can provide a 3rd person on that weekend to allow for the case that an unexpected task required to support science operations takes precedence over the SN work.²
5. LBTI and AO support
 - 5.1. No problem is foreseen providing the necessary LBTI support.
 - 5.2. SN will need to apply modes to the DM using the AO GUI (e.g., focus for finding the spot).
 - 5.3. LBT will provide support initially to get the SN team started, and then on-call support thereafter.
 - 5.4. *Action item to AO group:* Make sure the feature to apply modes to the DM is working with the current reconstructors.
6. Software
 - 6.1. Having the new version of the simulator that includes SN-specific features ready in one week would be ideal.

¹ In the past LBT has always used CERTEX.

² In general, unexpected tasks required to support science operations may delay SN installation activities.

- 6.2. In that case SN could be ready to do some testing with the real TCS during Pre-Com-2.
- 6.3. Otherwise SN can postpone those tests to Pre-Com-3
7. Pre-Com-3
 - 7.1. A potential conflict exists between the current dates for Pre-Com-3 (12-24 Nov) and the SOUL-LUCI-DX work by Arcetri.
 - 7.2. *Action item to Al:* Initiate an email discussion to resolve this potential conflict (to be confirmed at our next meeting on 18-sep-2022).