

ATTENDANCE A = APOLOGIES P = PRESENT	CERN		FNAL		SDSTA		Ex-Officios	
	Jean-Louis Grenard	P	Marcel Borcean	A	Al Stratman	A	Marzio Nessi	P
	Olga Beltramello	P	Mike Andrews	P	Jeff Barthel	P	Jolie Macier	P
	Dimitar Mladenov	P	Jack Fowler	P			Patrick Weber	P
			Syd De Vries	P				
			Joe Pygott	P				
			Ladia Jakubec	P				

AGENDA TOPICS:

1. Review

- Reviewed meeting minutes from 04 Jan 2021 - no comments from team.

2. Discuss Updated Charge

- The focus of this group is to talk about the awkward materials and leverage the experts in moving these materials.
- Awkward materials are defined as materials that do not fit into the standard Ross Cage without the removal of the doors or roof.
- The Charge with the timeline is posted at: <https://edms.cern.ch/document/2459131/1>.
- Marzio asked a question the timeframe for lift test. Do the lifts have to be done in the next 4-12 months?
 - Requires significant coordination with conventional facilities to identify timeframes so that test lifts can be scheduled in the upcoming 4-12 months.
 - Discussion on how best to schedule these moving forward.

3. Facility Overview Presentation

- Presentation is posted at <https://indico.fnal.gov/event/47305/>
- Ross Headframe Access
 - Jean-Louis asked about using the door on the north side of the Headframe.
 - Team will discuss options for using all doors in the headframe, but the north door is in a congested area and has limited truck access.
- Ross Headframe existing cranes/hoists
 - Question was raised about crane inspections in the Headframe.
 - Jeff provided brief overview. Will be discussed in future meeting.
- 4850 down to 4910 Levels
 - Jack pointed out that there is a need to clarify how far the center hoist rail extends over the cavern entrance platform. The tigger/engine may need to be backed in depending on space.
- Ladia provided examples of Awkward Material Loads
 - Concern was raised by Jean-Louis that we need to verify if the cage can accommodate the shifts in center of gravity without counterweights.
- DOE Leased Space
 - SDSTA owns the site/facility, due to the size of this project, DOE entered a lease for this space.
 - Olga requested that access to the lease document be made available to this group, to get a better understanding of the terms and conditions and to determine how to use the space.
 - Current lease document will be posted to the EDMS site, although it is in the process of being updated to include the Machine Shop area.
- Governing ES&H Requirements
 - OSHA 1910 and 1926, ASME, ANSI/SIA, and DOE Standards establish the ES&H requirements in FESHM.
 - Comment was made that FESHM should reference which regulations apply to the shaft and reference DOE legislation to make it clearer to engineers as well as a comment that more governing authorities need to be considered as MSHA does not address all the possible aspects we require.

4. Open Discussion

- Olga and Jean-Louis presented documents developed by CERN that intend to establish ES&H requirements.
 - More discussion on this topic is scheduled with a smaller group of the team.

ITEMS FOR FOLLOW-UP

- **New Action Items:**
 1. Timeframe for next meeting:
 - a. Next full team meeting will be scheduled approximately a month from now. A Doodle poll will be sent out for availability.
 - b. Before the next team meeting, interim meetings will be scheduled to go over ES&H standards and documentation.
- **Open Action Items:** None
- **Recurring Action Items:** None
- **Closed Action items:** None

All meeting minutes will be posted on the meeting indico site at: <https://indico.fnal.gov/category/1266/>