



Associate Members Committee Meeting Agenda

**Annual Meeting, Charleston, SC
9AM EST, Monday, January 17th 2022**

- 1. Call to Order & Welcome**
- 2. Safety Moment**
- 3. Approval of Previous Minutes – Fall 2021**
- 4. Old Business**
 - a. Industry Innovation Articles –**
 - i. February/March 2022 – Rev Drill (Jill Kennedy – Women in construction issue. Jill agreed to give their article a twist of women in construction).
 - ii. April 2022 – Ischebeck (Marc Mastrantuono) + Favor Steel (Trae Hawkins).
 - iii. May/June 2022 – Equipment Corporation of America (Jeff Harmston)
 - iv. July 2022 – ~~Peterson Consulting Group (Gary Peterson)~~ Open + Pinnacle Drilling Products (Jack Bonomi)
 - v. August/September 2022 – Bauer Equipment America (Shaun Nelson)
 - vi. October 2022 – Open + Open
 - vii. November/December 2022 – Open
Backup – Mait Drilling (Greg Hefner)

Note: Articles are due on the 1st day of the month prior to the listed publication month.

b. Product Presentations for ADSC Annual Meeting 2022

- i. Favor Steel (Trae Hawkins)
- ii. Skyline Steel (Denis Ambio)
- iii. Foundation Technologies (Tim Knaus)
- iv. Soilmec (Marco Chiarabelli)
Backup: TEI Rock Drills (Sue Frank)

c. Product Presentations for ADSC Summer Meeting 2022, Spruce Peak Resort, Stowe, VT, July 18-21st.

- i. Open
- ii. Open
- iii. Open

iv. Open

Backup: TEI Rock Drills (Sue Frank)

Note: Product Presentations must focus on one or more of ADSC's (3) approved technologies: Anchored Earth Retention, Micropiles, and/or Drilled Shafts.

- d. **Anchor Rig Safety** – The industry continues to see drill rig overturn accidents from use of auxiliary winch lines for lifting material other than drill tooling. After reviewing several different samples from ADSC member equipment manuals, we found gaps of information, inconsistent presentation of information, and very different allowable and prohibited tasks. Attached is suggestive language for manuals, warning decals for operator's cabs, and manufacturer's training for newly commissioned machines. Our thought is to share this info with the Associates Committee with consideration of establishing a task force of Drill Rig Suppliers to review the suggestive language and evaluate feasibility of implementing these safety precautions.

5. New Business

- a. **ADSC Spring Meeting 2022** – Grandover, Greensboro, NC, April 25-26th.
b. **ADSC Summer Meeting 2022** – Spruce Peak Resort, Stowe, VT, July 18-21st.

6. Education

- a. **AMPIS**
b. **PMT**
c. **Slurry School**

7. Other

8. Meeting Adjourned

Preliminary Suggested language for Foundation Drill Rig Operator's Manuals and Warning Decals

Ground Conditions:

Operator's Manual - Safety Section:

WARNING

Do NOT assemble, disassemble, or operate this machine on any surface that cannot support it during tramming or drilling operations including the associated access ramps. At all times, the equipment manufacturer's specifications for adequate support and degree of level of the equipment must be met.

WARNING

This machine must not be assembled, disassembled, or used unless the ground conditions are firm, and graded to a sufficient extent so that, the equipment manufacturer's specifications for adequate support and degree of level of the equipment are met.

WARNING

BEFORE operating this machine, ensure the existing ground is adequate to support and maintain the degree of level required for safe operation. Ground conditions may need to be improved if necessary, using aggregate, geosynthetics, soil, steel or timber crane mats, or other constructed features.

WARNING

This machine shall only be operated by employees who have been educated and trained for the safe operation of this machine, using this manual. Operators in training must be supervised by a qualified individual.

In-Cab Sticker

WARNING

Do NOT operate this machine unless existing ground is adequate to support and maintain the degree of level required for safe operation.

Lifting With Auxiliary Winch:

Operator's Manual - Safety Section:

WARNING

This machine is NOT a crane. It has very limited lifting capacities when using the auxiliary winch. Do not exceed the limitations or prohibitions that will affect the stability of the machine for each drilling configuration when using the auxiliary winch for lifting items other than a drilling tool.

The limitations to be discussed must include (but not limited to) these topics for each possible rig configuration:

- Degree of level for machine
- Maximum mast angle forward from vertical
- Maximum mast angle left or right from vertical
- Maximum load radius
- Parallelogram position (retracted or extended)
- Slide position (retracted or extended)
- Safe lifting area (quadrants)
- Position of Upper works in relation to crawlers/tires
- Auxiliary winch line pull
- Required wire rope size and type for auxiliary winch
- Mast foot (outrigger) engaged (if equipped)
- No Multi-parting auxiliary hoist line
- Ground Pressure generated (depending on machine configuration)
- No tramming with load suspended for auxiliary winch line
- Specific items allowed (or prohibited) to be lifted with auxiliary winch aside from a drilling tool – I.e. reinforcing steel cages, casing, tremie pipe, soldier pile (h-beam), supply hoses, grabs, vibratory hammer, etc. Avoid using generic terms such as “operations associated with drilling”.
- Prohibit the use of the auxiliary winch for unloading or loading of transport equipment (trucking), or general material handling onsite. (Manufacturer) prohibits the use of this machine for purposes other than drilling