

**MINUTES**  
**IEEE PES FIBER OPTIC SUBCOMMITTEE**  
**PSCCC-FO**  
**JUNE 26, 2019**  
**CONFERENCE CALL 11:00am EST**

**Attendees:**

Chit Bhatnager

Jim Ryan

Bob Kluge

Mark Naylor

Corrine Dimnik

Joseph Martin Regaldo

Erin Spiewak

Del Khomarlou

Bill Byrd

Tewfik Schehade

Mike Warntjes

Monty Tuominen

**General House Keeping, Discussions, Updates & Old Business:**

**Bill Byrd PSCCC-FO Chair:** The IEEE conference call number did not work. So, many members were unable to attend the call. **Jim Ryan and Prysmian** provided us with their conference call system to use. Many thanks Jim. But, the meeting started late and caused many problems. This will be worked out in the future. So, it does not happen again.

**Erin Spiewak (IEEE):** Subcommittee and all Working Groups must have written approval from the IEEE for all Liaisons to other IEEE Subcommittees, Working Groups, or outside organizations. This was discussed and **Del Khomarlou, PSCCC-FO Co-Chair**, will provide Erin with a list of Subcommittee and Working Group Liaisons. All documents provided between groups must have IEEE approval. This new requirement was met with much disapproval as it interferes with long standing IEEE Liaison practices of the past, and presents unreasonable problems in the future. The Chair will discuss removal of these burdens with the main PSCC and IEEE President in the near future.

**Bill Byrd PSCCC-FO Chair:** IEEE Standard 1185 Negative Votes: This standard has multiple problems and Subcommittee members and the Secretary of the PSCC Main Committee, **Craig Preuss**, have all voted no on this proposed Standard. **Del Khomarlou** is gathering data from IEEE 525 who have also objected to this standard. There will be a conference call with 1185 Chair to discuss our concerns next month.

**Mark Naylor 1591.3 & 1594 Working Group Co-Chair:** Mark is working with Erin Spiewak to resolve various IEEE computer voting problems. which have delayed getting these completed standards approved and released.

**Jim Ryan 1222 Working Group Chair:** There was a major problem with IEEE's website and it did not properly send out the Invitation to ballot 1222. We only obtained 75% of the necessary voters. Jim will again be sending out another invitation. Jim will notify the members when this new invitation is available, and we will ask all members to sign up to vote.

**Del Khomarlou, Bob Kluge, Denise Frey, Joseph Martin 525/524 Liaisons:** Denise did not attend the March conference, or the conference call. Denise volunteered to do the sheave data, but has not produced it. **Joseph Martin Regaldo and Bob Kluge** will try and contact her to obtain what she has done. Then finish the work.

**Jim Ryan & Joseph Martin Regaldo IEC Liaisons:** The IEC has produced another type of Creep Test for ADSS cables. The IEC also has the old creep test recommended by our Subcommittee still available to purchasers. Now, there are 2 tests. IEC is pushing this new creep test, which we do not support. Our objections have not been successful. This is because, the Israel and Mexico Delegations have pushed thru this new creep test over our objections.

**John Jones, Bob Kluge Working Group Members:** 1591.1 OPGW Hardware Revision Status Report. John Jones did not attend the conference call, and Bob Kluge was unable to contact him. But, Bob says they will have 1591.1 available to the subcommittee for a presentation and final vote to NESCOM in the September meeting.

**Felix Chen (Working Group Chair) & Joseph Martin Regaldo,** 1591.4, 1595 OPPC: Status of OPPC 1594 and 1591.4. Because of the phone problems, Felix was unable to attend the conference call. Joseph Martin Regaldo gave an update. He and Felix will be working on these standards between now, and the Sept. Meeting in Charlotte. They will meet together a day early, Tuesday, to work on the standard. They will make a presentation on their work during the next days meetings. In October, Joseph is planning on traveling to China to work directly with Felix to finish these OPPC standards.

#### **Next Meeting:**

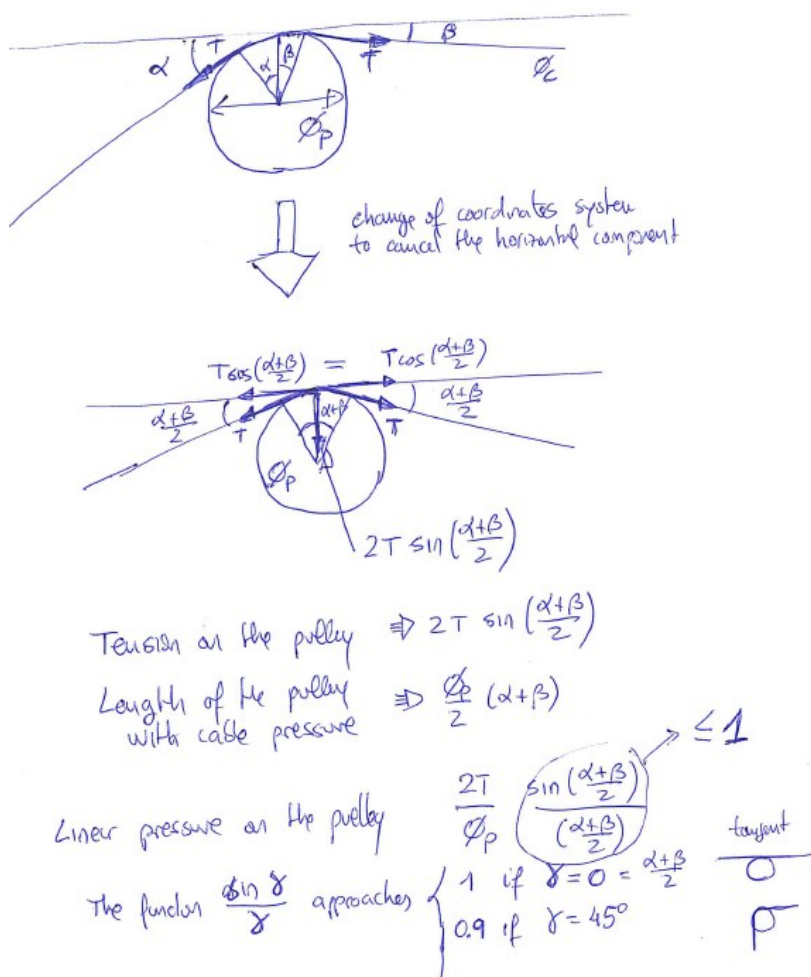
Charlotte, N.C. September 18-19 start at 12:00pm 9/18/19 till 3:00pm 9/19/19.

Wingate Hotel  
4328 Business Center Drive  
Charlotte, NC 28214  
704-395-3600  
Room Rate: \$119/night  
Conference Room Rate split at meeting among members attending: \$366.00  
Per: Erin Hewitt  
Groups & Meetings Manager  
704-912-1293

**Meeting Adjourns**

## IEEE 524 and Creep Test

IEEE 524 is looking for recommendations on sheave size and the angle. Joseph Martin has provided detail comments on IEEE 524 as well as a detailed calculation (below) showing the angle and the forces involved. The sheave size and forces should be the same for both OPGW and ADSS installation. The group needs to review this formula. The current field practice of 3:1 ratio (horizontal : vertical) translates to a different angle that is currently in 1138 sheave test translates to a 1.7:1 ratio. Some work needs to be done in this area in order to provide a comprehensive response to IEEE 524 on sheave sizing, angles and forces involved for both OPGW and ADSS.



## 1138 OPGW Lightning

The group (Corrine, Jaclyn, Joseph, Bob Kluge, Tewfik) has had a couple of WebEx meetings thanks to the efforts of Jaclyn. The last WebEx was on June 18, 2019. There has been progress made with the definition of the test and tension to MRDT following the strikes. The group will attempt to finalize the document by third week of August, so that it can be circulated prior to September meeting. IEEE 1138 in general and the lightning section in particular will be discussed in the September meeting.