

# Call 2017-06-01

Donnerstag, 1. Juni 2017 16:11

## 1. General Matters

- The global IOP testing group does want a report from us  
Either physical participation or writeup

## 2. Possible test scenarios

- For all of the test scenarios, we need to identify the schema version!
- Review possible participants
- Client subscription
  - ☐ Subnet will check if they support client subscription
- Mixed testing
  - o Novatech server supports Ed 1; as such it can participate in a mixed environment
  - ☐ o Bruce will check the functionality of the device, such that we can create an application where a GOOSE message is sent to the IED from an Ed 2 source device
  - o The client of Novatech handles Ed 2 from a communication, but does not import Ed 2 SCL files - need to figure out how this fits into the standard scenario; this may not be a mixed configuration scenario
- R-GOOSE testing
  - o From the R-GOOSE testing, there is no engineering process foreseen based on the last documentation in the R-GOOSE folder
  - o But Herb stests that if SCT vendors want to participate in that, they can do it through SCL
    - TMW and SISCO which are two possible participants in this area should be able to be configured through SCL
  - o Which version of SCL? 90-5 or Part 6, Ed 2.1?
    - Preferably Ed 2.1
    - ☐ ▪ Herb will put together a list of the differences
  - o Some issues to verify
    - ★ ▪ What happens if a P-type with a MAC address is associated to a R-GOOSE? Is that allowed? What is the expected reaction? May need clarification in the standard
    - ★ ▪ What is the SCT allowed to do? Can it delete it?
    - ★ ▪ A side discussion: how can a device declare that it has fixed OSI parameters? Is it allowed that a device has fixed OSI parameters?
  - o In principle, this testing can be done as part of the R-GOOSE testing; depending on number of participants, this can be moved into a standalone testing
- Configuration of time synch
  - o Conclusion that there is no interesting use case
- Verification of "Must understand"
  - o Main use case would be that a Ed 2.1 IED declares GOOSE control blocks for R-GOOSE with "must understand". An Ed 2 SCT should not touch these control blocks; if the Ed 2 tool has to configure a "normal" GOOSE, it shall not use one of the GO CB with "Must understand"
  - o How to test this is unclear

## Participants

- Christoph Brunner
- Bob Noseworthy
- Anthony Eshpeter (Subnet)
- Aurélie Dehouck (edf)
- Bruce Muschlitz (Novatech)
- Herb Falk (SISCO)
- Hua Qin (GE)
- Jay Anderson (AEP)
- Jim Coats (TMW)
- Joel Green (TMW)
- Paul Reuter (Helinks)
- Peter Pfisterer (Tüv Süd)
- Sterin T. Jose, Kalkitech
- Chan Wong, Entergy
- Ljupce Litajkovski (Gridsoftware)

Next call: June 15, 17:00 (11 am EDT)