4th – 8th April 2016

Objectives:

- Review & update SUBNET Charter (work plan & deliverables) based upon:
- Architecture discussion for real-time, distributed and deterministic systems related to SOIS services and related interfaces for:
- Agreed upon set of data link protocols (SUBNETS)
- Review other industries approach to real-time, distributed and deterministic system development
  - Automobile industry
  - Aircraft industry
- Discuss how EDS & DoT fit into SUBNET integration into APP Support Layer

Notes:

1. Monday, Tuesday, Wednesday and Friday will be joint meeting between Application Support WG and Subnetwork WG
2. Thursday Subnetwork WG will have dedicated meeting apart from Application Support WG
3. Discussion topics are general, there will not be enough time to cover them all in depth
4. We will take 5-10 minute breaks every hour or so as needed

Monday, 4th April 2016

08:45 – 09:45 CCSDS Plenary
09:45 – 12:30 SOIS Area Plenary, Martin Suess and Richard Barton
Lunch 12:30 – 13:30
13:30 – 17:30 (Joint SOIS-APP and SOIS-Subnetwork)
  - Discuss book updates for RIDs and GitHub Issues

Tuesday, 5th April 2016 (joint with APP, see APP Agenda)

Wednesday, 6th April 2016 (joint with APP, see APP Agenda)

Thursday, 12th April 2016 (joint with APP, see APP Agenda)

Friday, 7th April 2016

08:45 – 12:30 (Isabella room)
  - Review SUBNET Charter. (30 minutes)
• Review of proposed group of data link protocols (subnets) for mapping to SUBNET services. Is the list of subnets complete? (30 minutes)
• Discussion of determinism as related to existing SUBNET & APP Support Services. Are existing services as defined sufficient? (60 minutes)
• Discussion of other industry approaches to integration of deterministic subnets into their architectures. (60 minutes)
  o Automobile - AUTOSAR (and FIBEX)
  o Aircraft - ARINC653 & XML description
• Circle back to SUBNET Charter - are the deliverables correct and resources adequate? (60 minutes)

13:30 – 17:30 (Ida room – joint with SOIS Application Support Services WG)
• Overall Planning, Reporting and Wrap Up