



Join Other Industry Leaders in Designing the Future

On behalf of SCTE•ISBE Standards, I am excited to personally tell you about seven new SCTE•ISBE Standards working groups focusing on emerging services and technologies that will impact the cable industry. These groups will work together to accelerate new applications of telecommunications in their industries, and will develop standards and best practices that will capitalize on the capabilities of cable's 10G platform. Additionally, each group will build reference libraries of solutions and innovations – and learn from each other in the process. We need leaders of diverse backgrounds and would be thrilled to have you join the program. We need your thinking, expertise, and shared interest to create the connected future we all envision.

DSS WG2 - Artificial Intelligence and Machine Learning

The Data Standards Subcommittee (DSS) Artificial Intelligence and Machine Learning (AI/ML) working group creates standards and operational practices to enable a common AI/ML platform to develop products applicable to cable operators.

- Group Chair: Srilal Weera, Principal Engineer, Charter Communications
- Meeting Schedule: TBD
- [Join Here](#)

DSS WG3 - Aging in Place

The Data Standards Subcommittee (DSS) Aging in Place working group creates standards and operational practices to enable a common aging in place platform to develop products and services applicable to cable operators.

- Group Chair: Dr. Sudheer Dharanikota, Managing Director, Duke Tech Solutions
- Meeting Schedule: TBD
- [Join Here](#)

DSS WG4 – Telemedicine

The Data Standards Subcommittee (DSS) Telemedicine working group creates standards and operational practices to enable a common telemedicine platform to develop products and services applicable to cable operators.

- Group Chair: Dr. Sudheer Dharanikota, Managing Director, Duke Tech Solutions
- Meeting Schedule: TBD
- [Join Here](#)

DSS WG1 DG – Smart Cities

The Data Standards Subcommittee (DSS) Smart Cities drafting group will create a reference library of Smart Cities solutions as applied to the cable industry and will develop industry standards and operational practices specific to network service providers.

- Group Chair: Charles Chapman, Senior Systems Engineer, Alpha Technologies
- Meeting Schedule: TBD
- [Join Here](#)

DSS WG1 DG - Autonomous Transport

The Data Standards Subcommittee (DSS) Autonomous Transport drafting group creates standards and operational practices to define how broadband service providers can provide communications services to local autonomous transport machines used to carry materials and provide services within the broadband footprint. This group maintains a reference library of available solutions and technologies and creates liaisons with other organizations that work on relevant technology and development of standards.

- Group Chair: TBD
- Meeting Schedule: TBD
- [Join Here](#)

Human Impact on Network Operations

The SCTE•ISBE Network Operations Subcommittee (NOS) Human Impact on Network Operations working group creates operational practices and standards to optimize the impact that people have on network operations and performance. It seeks to improve the human impact on the network by:

- Optimized job placement evaluation and training criteria,
- Reduction of network degradation or downtime caused by human intervention,
- Optimization of automation,
- Performance management techniques for workforces, and
- Measurement techniques that would quantify the effect of this working group's output on network uptime.

The working group seeks to be aligned with CableLabs®, SCTE•ISBE and other industry efforts to leverage automated tools to drive proactive network maintenance.

- Group Chair: TBD
- Meeting Schedule: TBD
- [Join Here](#)

3 GHz Standards

The SCTE•ISBE Standards Program has two major initiatives to develop standards for network equipment operation to 3 GHz.

3.0 GHz Task Force

The purpose of the 3.0 GHz Task Force is to evaluate all IPS Standards to determine how to best update them to match the DOCSIS[®], 4.0 specifications. For each IPS Standard, the task force should determine which documents should be updated immediately and which ones can wait until their 5-year review. The task force should also create standardized text to be used in IPS standards and standardized approaches such as specification tiering or the creation of equipment “classes” so that both legacy and future equipment can be accommodated. The identified standards should then be updated within the appropriate IPS working group.

- Group Chair: Timothy Cooke, Director of Technology, Amphenol Broadband Solutions
- Meeting Schedule: Bi-weekly, Monday at 4:00 p.m. ET
- [Join Here](#)

IPS WG2 DG - 3 GHz Hardline Taps and Passives

The SCTE•ISBE Interface Practices Subcommittee (IPS) 3 GHz Hardline Taps and Passives drafting group creates operational practices and standards for 3.0 GHz taps including:

- Housing and faceplate specifications that enable interoperable faceplate replacements while allowing for vendor differentiation
- Mechanical specifications, including sizes, mounting points, and faceplate interfaces and mounting
- Requirements for electrical performance
- An RF bypass mode that maintains AC and RF through the housing when the faceplate is removed, including RF performance specifications for bypass mode

The group will also consider creating standard(s) for hardline passives.

- Group Chair: Nick Segura, Advanced Engineering Principal Engineer, Charter Communications
- Meeting Schedule: Weekly, Tuesday at 11:00 a.m. ET
- [Join Here](#)

I look forward to your participation in these exciting new areas. Please reach out to me at standards@scte.org with any questions or comments.

Regards,
Dean Stoneback
Sr. Director, Engineering and Standards, SCTE•ISBE