

# SCTE NEW ENGLAND CHAPTER NEWSLETTER

2019 FIRST QUARTER

## BOARD OF DIRECTORS

**David Sharkey** – *(Ex-Officio Board Member/Region 12 Director)*  
[Dave\\_Sharkey@comcast.com](mailto:Dave_Sharkey@comcast.com)

**Peter Pellerin** – *Chair*  
[PeterPellerin@comcast.net](mailto:PeterPellerin@comcast.net)

**Karen Torrenti** – *President*  
[Karen.Torrenti@arris.com](mailto:Karen.Torrenti@arris.com)

**Joe Guariglia** – *VP, Membership*  
[Joe\\_Guariglia@cable.comcast.com](mailto:Joe_Guariglia@cable.comcast.com)

**Justin Cardones** – *VP Professional Development*  
[Justin.Cardones@arris.com](mailto:Justin.Cardones@arris.com)

**Ed Smith** – *VP, Outreach*  
[Ed\\_Smith2@cable.comcast.com](mailto:Ed_Smith2@cable.comcast.com)

**Cathy Scull** – *VP, Communications/Marketing*  
[Cathy.Scull@teracomsales.com](mailto:Cathy.Scull@teracomsales.com)

**Georgiann Bergamini** – *Treasurer*  
[Georgiann\\_Bergamini@comcast.com](mailto:Georgiann_Bergamini@comcast.com)

**Tom Garcia** – *Secretary*  
[Thomas\\_Garcia@comcast.com](mailto:Thomas_Garcia@comcast.com)

**Bob Foote** – *Board Member*  
[Bob.Foote@kgpco.com](mailto:Bob.Foote@kgpco.com)

**Carol Lisi** – *Board Member*  
[Carol.Lisi@cox.com](mailto:Carol.Lisi@cox.com)

**Jason Hibbard** – *Board Member*  
[JasonSH@comcast.net](mailto:JasonSH@comcast.net)

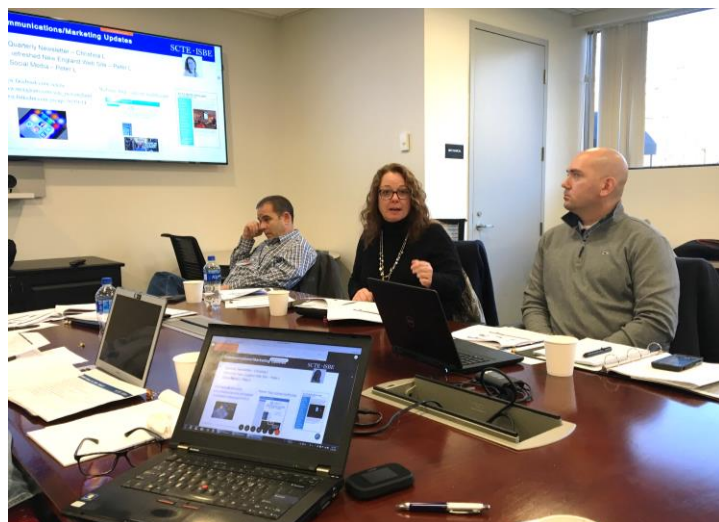
**Jim Morse** – *Board Member*  
[Jim.Morse@cox.com](mailto:Jim.Morse@cox.com)

## FIRST QUARTER SCTE-NE BOARD MEETING

SCTE-NE Chapter Board met on 01/10/2019 at Comcast in Enfield, CT to work on the strategic plan for 2019. Board members drove from across the region as far as New Hampshire.



Georgiann Bergamini discussing budget numbers with the board

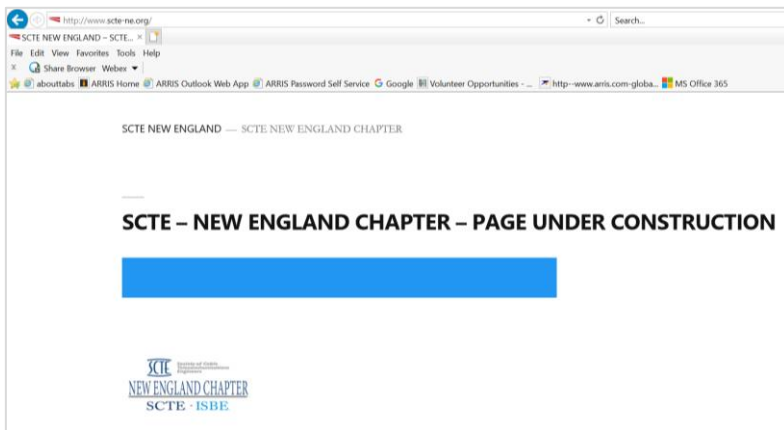


Carol Lisi providing Communication/Marketing Updates



Jim Morse updating group on today's Membership trends and plans for 2019.

## NEW WEB SITE UNDER CONTRUCTION



The current SCTE-NE website is currently at <http://scte-ne.weebly.com>

The new SCTE-NE website will be transitioned to [www.scte-ne.org](http://www.scte-ne.org)

Be on the lookout as the website team updates the new site!

## TECHNICAL CORNER – NOISE POWER RATIO (NPR)

By: Kevin Oraziotti, Principal QA Engineer at ARRIS



Noise Power Ratio (NPR) is defined as “The ratio of the signal power density to the power density of the combined noise and intermodulation distortion in the channel. Essentially, NPR is the depth of notch.” (ANSI/SCTE, 2018) It is a ratio of the power output

measured without a notch and then with a notch.

The NPR test lets us know the optimal operating range of the amplifier. It's basically the electronic equivalent of the power band of an electric or internal combustion engine. That would be the range at which it operates at its greatest efficiency. Instead of graphing torque as we increase the RPM for an engine, we graph NPR as we increase the RF input level. Just like the engine, we don't want to redline or clip the amplifier.

Here is an NPR plot showing the noise, optimal operating range, and the clip side.

ANSI/SCTE 119 2018

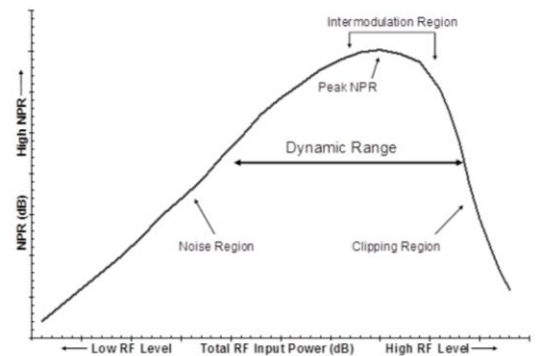


Figure 3 - NPR Dynamic Range Example

Reference: ANSI/SCTE. (2018). *Measurement Procedure for Noise Power Ratio*. Exton: ANSI/SCTE. [www.scte.org/SCTEDocs/Standards/ANSI\\_SCTE%20119%202018.pdf](http://www.scte.org/SCTEDocs/Standards/ANSI_SCTE%20119%202018.pdf)

## ELECTION RESULTS: MEET THE 2019 SCTE-NE BOARD OF DIRECTORS

The elections for the Board of Directors of SCTE•ISBE New England (NE) Chapter were held. Ballot deadline was closed on 12/24/2018. From there, the 2018 board met on 01/10/2019 to nominate and vote in the new officer positions of each elected board member. Meet the 2019/2020 New England Chapter officers and welcome them as they start a new year to support our chapter and member needs. Special shout out to welcome NEW Board Members, Cathy Scull (Partner at Teracom Sales) and Georgiann Bergamini – (Senior Director, Project Management Engineering at Comcast)!



David Sharkey – (Ex-Officio  
Board Member/Region 12 Director)



Peter Pellerin  
Chair



Karen Torrenti  
President



Joe Guariglia  
VP, Membership



Justin Cardones  
VP, Professional Development



Ed Smith  
VP, Outreach



Cathy Scull  
VP, Communications/Marketing



Georgiann Bergamini  
Treasurer



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Secretary



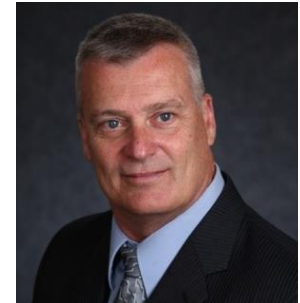
Bob Foote  
Board Member



Carol Lisi  
Board Member



Jason Hibbard  
Board Member



Jim Morse  
Board Member

## QUICK TIP: HOW TO ACCESS TECH SESSION ARCHIVES

The screenshot shows the SCTE-ISBE website. At the top, there is a navigation bar with links: ABOUT, EDUCATION, EVENTS, RESOURCES, MEMBERSHIP, CORPORATE ALLIANCE, AREAS OF INTEREST, STANDARDS, CERTIFICATION, CHAPTERS, JOIN, CONTACT. A red arrow points to the 'CHAPTERS' link. Below the navigation bar, the main content area is titled 'SCTE-ISBE Chapters - Your Local Connection'. On the right side, there is a sidebar menu with the following items: Chapters, List of Chapters, Local Technical Training, Certification Testing, Vendor Days, Chapter Awards, Chapter Officer Resources, Cable-Tec Games, Chapter Webinar Archives (highlighted with a red arrow), and Chapter Events List. A second red arrow points to the 'Chapter Webinar Archives' link in the sidebar. A text box on the right says 'Click on CHAPTERS' and another text box below it says 'Click on Chapter Webinar Archives'.

To view previous TECH SESSIONS at [www.scte.org](http://www.scte.org), Click on 'CHAPTERS' then 'Chapter Webinar Archives' You will then be prompted to sign in.

## FOLLOW US ON TWITTER!

Follow us on Twitter! We have opened a new Twitter account and will be posting soon, so be sure to check it out. The link to register for the upcoming tech sessions has been tweeted.



[twitter.com/scteNewEngland](https://twitter.com/scteNewEngland)

The screenshot shows a Twitter post from the account 'SCTE New England' (@scteNewEngland). The profile picture shows a group of seven people standing in front of a building. The tweet text reads: 'SCTE New England will be hosting a technical session on DOCSIS Evolution on 3/26 at Cisco and 3/27 at ARRIS!'. The tweet has 1 retweet and 1 reply. The account bio reads: 'New England Chapter of SCTE-ISBE (Society of Telecommunications Engineers - International Society of Broadband Experts)'. The location is listed as Foxboro, MA. The website is listed as scte-ne.weebly.com.

## UPCOMING TECHNICAL SESSION AND WEBCAST – DOCSIS EVOLUTION

SCTE NE Chapter will be hosting technical sessions each quarter. Be sure to sign up for the first technical sessions of 2019:

DOCSIS Evolution, Why, & How

3/26/2019 at Cisco in Boxborough, MA

3/27/2019 at ARRIS in Wallingford, CT

Register at: [www.eventbrite.com/e/scte-new-england-march-technical-session-tickets-56834601824](http://www.eventbrite.com/e/scte-new-england-march-technical-session-tickets-56834601824)



## CHAPTER LEADERSHIP CONFERENCE (CLC) – MAY 1 & 2 IN DALLAS, TX

The New England Chapter is pleased to announce the following Board Members and Associate Board Member will be attending and participating in the CLC. New England is well represented.

- Joe Cutrona – Presenting in the session entitled “Getting Support from Local MSOs”
- Joe Guariglia – Emcee at the Luncheon “Ghosts of Presidents Past Panel”
- Karen Torrenti – On the CLC Planning Committee supporting the Leadership Conference
- Bob Dunlap – Associate Board Member voted by the Board to attend.
- Supporting the New England Chapter Succession Planning



### Contact Us

#### SCTE New England Chapter

Foxboro, MA

Old Website: <http://scte-ne.weebly.com>

New Website: [www.scte-ne.org](http://www.scte-ne.org)



[www.facebook.com/sctene](http://www.facebook.com/sctene)



[www.instagram.com/scte\\_newengland](http://www.instagram.com/scte_newengland)



[www.linkedin.com/groups/8695614](http://www.linkedin.com/groups/8695614)



[twitter.com/scteNewEngland](http://twitter.com/scteNewEngland)

To unsubscribe, contact [scte.newengland@yahoo.com](mailto:scte.newengland@yahoo.com)



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Edited by: Christina Lumbreras

Special thanks to Karen Torrenti, Kevin Oraziotti, Georgiann Bergamini, and others for photo and content contributions.

If you have any content you would like featured in future newsletters, please contact Christina Lumbreras at [christina.lumbreras@arris.com](mailto:christina.lumbreras@arris.com)

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