2020 Annual Conference
FEBRUARY 10-12

Catch the Wave:
Navigating the Future of EBS

Regulatory • Technology
Education • Policy
# GENERAL INFORMATION

## Registration

Conference Registration and Information is located in the Salon D Foyer. We are happy to assist you with registration services, program information and general event support.

**Lois Freeland**, 407-973-3477 Cell  
Conference and Event Planning Coordinator  
**C. W. “Bill” Freeland III**, 407-399-1856  
Registration, Membership  
& Administrative Services Manager.

**Registration Hours**  
- **Sunday**: 2:00pm - 6:00pm  
- **Monday**: 7:30am - 6:00pm  
- **Tuesday**: 7:30am - 3:00pm
Welcome to San Diego and NEBSA 2020!

On behalf of NEBSA, we are pleased to welcome you to beautiful La Jolla, California and NEBSA 2020!

As the EBS community deals with historic changes, we are focused on providing a forum geared to advance knowledge on the significant implications of FCC changes, regulatory issues, major technological developments, shifting commercial environments and educational applications.

Your conference program is designed to keep you engaged and informed on multiple fronts. Our keynote speaker, William Chotiner is the Vice President and CTO for Ericsson and has extensive experience in 5G, network planning, and rural broadband. He provides a unique perspective on the impact of technology on education and society along with upcoming changes. Regulatory experts share their analysis and observations on the FCC Report and Order. Educational applications, technological innovations, commercial environment changes and much more are all provided as part of your conference experience.

We are grateful to the many sponsors who have come forward helping make this year’s conference possible. Please thank them for their support.

The past year has been challenging as the largest changes to EBS in 50 years are in play. Through our efforts working together, EBS licensees are still able to continue to serve their communities and provide educational services as they have in the past.

As a membership organization, you are the strength of NEBSA. Our members who have volunteered for committee assignments, serve as board members and provide support in numerous ways are indicative of NEBSA’s role as a membership organization.

We hope you enjoy NEBSA 2020 and have a wonderful conference experience!

Sincerely,
Lee Solonche, Executive Director
execdirector@nebsa.org
Bill Chotiner is the Vice President and Chief Technology Officer for Customer Unit Regional Carriers within Ericsson North America. In this role, Bill is responsible for helping customers develop strategic plans in order to evolve their networks to meet the needs of changing business requirements and to generate additional revenue in new key verticals.

Previously, as the Head of RAN Evolution for Ericsson North America, Bill was responsible for driving radio technology change and adoption across all North American wireless operators. He worked with carriers to enhance their competitive position by strategically applying cutting edge technology to modernize their networks and expand their customer offerings.

Bill has a broad background with more than 25 years of experience in wireless and communications systems spanning the areas of radio, core and services.

Bill holds Bachelor’s degree in Electrical and Computer Engineering from Carnegie Mellon University, along with an MBA and Master’s Degree in Information Management from Washington University in St. Louis.
NEBSA 2020 PROGRAM - AT A GLANCE

Sunday, February 9th
2:00pm  Registration Open  
6:00pm  Salon D Foyer

Monday, February 10th
7:30am  Registration Open  
Salon D Foyer
8:00am  CTN Annual Board Meeting  
Soledad Ballroom
9:30am  All Things EBS
11:00am  Salon D
1:00pm  Welcome & Keynote Presentation
3:00pm  “EBS The Cinderella 5G Story”  
Sponsored by Views on Learning  
Salon D
3:00pm  Beverage Break
3:30pm  Sponsored by Marriott LaJolla Hotel  
Salon D Foyer
3:45pm  Session 1
5:15pm  “Rulemaking Examined”  
Salon D
6:15pm  Opening Reception
7:15pm  Fountain Court

Tuesday, February 11th
7:30am  Registration Open  
5:00pm  Salon D Foyer
8:00am  Breakfast Buffet  
Sponsored by NextWave  
Salon E
8:30am  Breakfast Session 2
9:30am  “EBS White Space and Auctions”  
Sponsored by NextWave  
Salon E
9:30am  Session 3
10:30am  “5G Update”  
Sponsored by Fish & Richardson, P.C.  
Salon D
10:30am-  Beverage Break
11:00am  Sponsored by: Select Spectrum  
Salon D Foyer
Tuesday, February 11th - Cont’d

11:00am  Session 4
12:00pm  “EBS Technology Community Impact”
         Sponsored by Fish & Richardson, P.C.
         Salon D

12:30pm  Luncheon
2:00pm   and
         Annual Member Meeting
         Salon E

2:15pm   Session 5
3:15pm   “EBS Licensing & Sales”
         Sponsored by Fish & Richardson, P.C
         Salon D

3:15pm   Beverage Break
3:45pm   Sponsored by:
         Innovative Technology Education Fund (ITEF)
         Salon D Foyer

3:45pm-  Session 6
4:45pm   “Featured Conference Presentation:
         T-Mobile-Sprint EBS Update”
         Sponsored by Fish & Richardson, P.C
         Salon D

5:00pm   Session 7
6:00pm   Roundup Panel
         Sponsored by Fish & Richardson, P.C.
         Salon D

6:30pm-  Final Event
8:00pm   Marriott LaJolla Hotel
         Soledad Ballroom
         First Level

Wednesday, February 12th

7:30am  NEBSA’s Annual Board of Directors Meeting
11:30am  Salon B & C First Level
         First Level
Monday, February 10th

7:30am Registration Open
6:00pm Salon D Foyer

8:00am CTN Annual Board Meeting
12:00pm Soledad Ballroom — First Level

9:30am Pre-Conference Session:
11:00am Salon D

“All Things EBS“

The past year has seen unprecedented changes for EBS as the FCC has introduced new rules impacting licensing and operations. This informative session will cover what is happening with the EBS band including: stakeholders, regulatory environment and business considerations. This session has something of value for everyone interested in EBS.

Panel: Evan Carb, Principal, Law Offices of Evan D. Carb; Andreas Bitzarakis, Director of Broadband, Select Spectrum and Patrick J. Gossman, Deputy CIO, Wayne State University
Moderator: Todd Gray, Partner, Gray Miller Persh, LLP.

1:00pm NEBSA Welcome and Keynote Session
3:00pm Sponsored by: Views on Learning
Sponsored by: Salon D

“All EBS: The 5G Cinderella Story”

NEBSA is proud to welcome Bill Chotiner as Keynote Speaker for the NEBSA 2020 Conference. Bill Chotiner currently serves as the Vice President and Chief Technology Officer for Customer Unit Regional Carriers with Ericsson. He has extensive experience in strategic planning, networks, telecom and has been deeply involved in 5G evolution. Bill has also been working with rural areas leveraging fixed wireless access to economically reduce the national broadband divide.

Keynote Speaker: Bill Chotiner, Vice President and Chief Technology Officer, Ericsson North America
Moderator: Lee Solonche, Executive Director, NEBSA

3:00pm Beverage Break
3:45pm Salon D Foyer

“Day at the Ballpark”
Sponsored by: The Marriott LaJolla Hotel
Monday, February 11th - Cont’d

3:45pm  Session 1
5:15pm  Salon D

“Rulemaking Examined”

The FCC has implemented the biggest changes to EBS since inception over 50 years ago. Counsel representing numerous EBS licensees will provide a summary on regulatory and legislative changes that impact current and future EBS licensees. Keeping informed on FCC policies has never been more important.

Panel: Todd Gray, Partner, Gray Miller Persh LLP and Ed Lavergne, Principal, Fish and Richardson, P.C.
Moderator: Todd Gray, NEBSA Counsel

6:15pm  Opening Reception
7:15pm  Fountain Court

“NEBSA Welcomes 2020 Conference Attendees “

Join the exceptional and diverse members of NEBSA and enjoy a great opportunity to network and enjoy refreshments as we welcome you to the NEBSA 2020 Conference.

Tuesday, February 11th

7:30am  Registration Open
5:00pm  Salon D Foyer

8:00am  Breakfast Buffet
Sponsored by NextWave
Salon E

8:30am  Breakfast Session 2
9:30am  Sponsored by NextWave
Salon E

“White Space and Auctions”

How might an educator or nonprofit participate in the EBS White Space auctions and how does the FCC auctions work?

Panel: Andreas Bitzarakis, Director of Broadband, Select Spectrum and Mary O’Connor, Partner, Wilkinson Barker Knauer, LLP
Moderator: Andreas Bitzarakis, Director of Broadband, Select Spectrum
Tuesday, February 11th

9:30am  Session 3
10:30am  Salon D
Sponsored by Fish & Richardson, P.C.

“5G Update“

Standards, applications and future developments of 5G will be discussed.

Panel: Bob Finch, President, Select Spectrum and Viren Parikh, Technical Director, Ericsson.
Moderator: Brenda Watt, NEBSA

10:30am  Beverage Break
11:00am  Salon D Foyer
Sponsored by Select Spectrum

11:00am  Session 4
12:00pm  Salon D
Sponsored by Fish & Richardson, P.C.

“Technology Community Impact”

Examples of innovative technology applications in educational and Native American settings will be shared.

Panel: Brian Savage, School Business Administrator/Board Secretary, Point Pleasant Beach Board of Education; Ophelia Wattahomigie-Corliss, Council Woman, Havasupi Tribe; Harlan Quntana, Senior Student, Santa Fe Indian School (SFIS), Hopi Tribe; Darrah Blackwater, Navaho Nation and Mariel Triggs, CEO, MuralNet
Moderator: Eric Breese, Associate Chief Information Officer, Illinois Institute of Technology

12:30pm  Annual Member Meeting and Luncheon
2:00pm  Salon E

Please join us for lunch and the NEBSA Annual Members’ Meeting recognizing membership and organizational accomplishments.
Tuesday, February 11th - Cont’d

2:15pm                             Session 5
3:15pm                             Salon D
Sponsored by Fish & Richardson, P.C.

“EBS Licensing and Sales Issues”

As the FCC’s new rules regarding licensing are implemented, will your organization be prepared? If selling a license is under consideration, what are the pros and cons involved? What about valuation? Are there other implications?

Panel: Patrick Gossman, Deputy CIO, Wayne State University; Catharine Barrad, Office of General Counsel, California State University; Kimberly Randolph, Managing Director, Valuation Advisory, Stout Risus Ross, LLC
Moderator: Todd Gray, Partner, Gray Miller Persh, LLP

3:15pm                             Beverage Break
3:45pm                             Salon D Foyer
Sponsored by Innovative Technology Education Fund

3:45pm                             Session 6
4:45pm                             Sponsored by Fish & Richardson, P.C.
Salon D

“Featured Conference Presentation
T-Mobile-Sprint Corporation”

T-Mobile and Sprint has been in the news recently as EBS deals with evolving changes. Learn more as we discuss current and potential future operations.

Speakers: Jim Goldstein, Senior Counsel, Spectrum and Policy, Sprint; Patty Tikkala, Vice President, Spectrum Management, Sprint and Chris Wieczorek, Senior Director, Spectrum Policy, T-Mobile
Moderator: Lynn Rejniak, Chair NEBSA, President and CEO, The Source for Learning, Inc.

5:00pm                             Session 7
6:00pm                             Sponsored by Fish & Richardson, P.C.
Salon D

“Roundup Panel”

Still have more questions from earlier conference sessions? Want to know more? Hear final remarks from regulatory and educational technology specialists. Gather additional information, learn more, have a chance to review issues and pose your questions to the panel.

Panel: Stephanie Weiner, Attorney, Harris Wiltshire & Grannis, LLP; Patrick Gossman, Deputy CIO, Wayne State University and Mariel Triggs, CEO, MuralNet, LLP
Moderator: Lee Solonche, Executive Director, NEBSA
Tuesday, February 11th - Cont’d

6:30pm Final Event Dinner
8:00pm Marriott LaJolla Hotel
   Soledad Ballroom

Traditionally a very popular event: Compare conference notes, enjoy (cash bar) cocktails, dinner, and opportunities for networking await.

Wednesday, February 11th

7:30am NEBSA’s Board of Directors Meeting
11:30am Salon B-C - First Level
Gold Level Sponsor

Sprint

Representatives in attendance:
Patricia Tikkala,
Vice President
Spectrum Management
and
James G. Goldstein,
Senior Counsel,
Legal and Government Affairs

For more information please visit: www.sprint.com

Gold Level Sponsor

NextWave WIRELESS

NextWave specializes in advanced broadband networks, with an expertise in the 2.5 GHz band. Nextwave controls 2.5 GHz spectrum in several major markets, including New York City, San Francisco, Philadelphia, Orange County, Fort Worth and Las Vegas.

Representatives in Attendance:
Frank Cassou, Chief Legal Counsel
fcassou@nextwave.com

Craig Chobor, Director
cchobor@soluslp.com

For more information please visit: info@nextwave.com
Attorneys at Fish and Richardson have represented EBS licensees for over 30 years and participated in virtually every significant Federal Communications Commission proceeding affecting EBS. They have negotiated numerous spectrum lease agreements and take a proactive approach to negotiation strategy, spectrum valuation, long-term planning, and preservation of spectrum assets.

Representatives in attendance:
Ed Lavergne, Principal

For more information, please email Ed Lavergne at lavergne@fr.com or visit www.fr.com.

Views on Learning, Inc. (VOL) is an educational non-profit corporation established to assist schools in 23 educational Broadband Service (EBS) markets with access to cutting-edge technologies, distance education opportunities, and broadband access.

VOL awards multiple Educational Technology Innovation Grants of up to $25,000 (depending on school size) several times each year. In addition to grants, schools have access to the VOL Distance Education Network and broadband access through the EBS spectrum.

Representatives in attendance:
Les Turner, Executive Director,
Jeff Gangloff, Program Coordinator
Graham Pearson, Systems Administrator
Amanda Grace Nyhuis, Administrative Assistant

More details about VOL markets, grants, and services at: www.viewsonlearning.org
Monday Morning Welcome Break

Specializing in noncommercial radio and television broadcasting and educational telecommunications.

Representative in attendance: Todd Gray, Partner
tgray@graymillerpersh.com

For more information please visit: www.graymillerpersh.com

Tuesday Afternoon Break

We believe introducing children to technology can open their worlds to possibility. ITEF empowers educators to embrace innovative learning projects that enable this transformation. With a keen eye on underserved schools and communities, the innovative technology education fund seeks to accelerate learning in K-12 spaces through the innovative uses of technology.

Representative in attendance: Charmaine Smith, Chief Executive Officer

For more information please visit: https://innovteched.com/
Select Spectrum was founded to help FCC spectrum rights holders obtain maximum value when selling or leasing their licenses. The company also provides a variety of business and technical consulting services related to FCC spectrum licenses. Select Spectrum is the leading spectrum broker for 2.5 GHz licenses and represents clients’ licenses in a variety of bands including: 220, 600, 700, 800, 900 MHz, 3.65 GHz and mmWave frequencies.

Representatives in attendance:  
Robert Finch, President  
rfinch@selectspectrum.com  
and  
Andreas Bitzarakis, Director  
Broadband Services  
andreas@selectspectrum.com  

For more information please visit:  
www.selectspectrum.com

Special Thanks to The Source for Learning, Inc.

For Major Contributions and support of NEBSA 2020
The Source for Learning is a nonprofit committed to making educators lives more productive & professionally rewarding through the development and delivery of high quality learning assets.

Representative in attendance:  
Lynn Rejniak, President & CEO  
www.sourceforlearning.org/
Special Thanks and Appreciation to the NEBSA 2020 Program Committee

Todd Gray (Committee Chair), Partner, Gray Miller Persh, LLP
Eric Breese, Associate CIO, Illinois Institute of Technology
Robert Finch, President, Select Spectrum
Jim Odom, Manager, Educational Television, Palomar College
Brenda Watt, NEBSA
Lee Solonche, Executive Director, NEBSA

NEBSA 2020 Committee Members Needed
Get Involved!

Committees:
Communications and Marketing
Membership Committee
Conference Program Planning

Sign up sheets for each of these committees are located on a table in the registration area.

Your involvement and insight is critical in helping us maintain and enhance member services

Lee Solonche
Executive Director
execdirector@nebsa.org
National EBS Association

Table Top Exhibit

Four representatives from Views on Learning (our website host) will be showcasing the content, navigation and features of NEBSA’s New Website

Membership Information is also Available!

Please stop by and visit with Representatives in attendance:

Les Turner, Executive Director, lturner@viewsonlearning.org
Jeff Gangloff, Program Coordinator, jgangloff@viewsonlearning.org
Graham Pearson, Systems Administrator, gpearson@niesc.k12.in.us
Amanda Grace Nyhuis, Administrative Assistant, gnyhuis@viewsonlearning.org
### NEBSA Extends Special Thanks To The Moderators and Speakers!

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