CONNECTIONS NEWSLETTER









2nd Quarter 2016 Edition

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Barb Young Century**Link**

Legislative Issues

Even though it is summer the OTA continues to meet with individual legislators and candidates.

We plan on introducing two separate measures for consideration in 2017. While we have discussed them at our Legislative Committee and Board meetings here is a very brief summary:

The first is a bill to allow the Oregon PLIC to consider whether or not the Oregon Liniversal Service.

The first is a bill to allow the Oregon PUC to consider whether or not the Oregon Universal Service Fund can be used to support broadband networks. The second, a bill to allow a carrier to abandon Carrier Of Last Resort (COLR) obligations in areas where it does not receive universal service support.

You might remember that a couple of years ago we petitioned the PUC to allow Oregon USF to be used to support broadband infrastructure. The Oregon Department of Justice advised them they did not have the authority to do so and our first bill, if passed, would give them that authority.

The second bill, while perhaps more difficult for some legislators to get behind, is still a legitimate issue to bring up for consideration. With many of the support mechanisms that exist to help meet



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- up-to-date industry news
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- legislative updates

Show off your stuff...

Are you a new member? Would you like your fellow OTA members to notice your company and products? If so, this quarterly online newsletter is a great way to be seen and make new contacts!

Contact the OTA office today! 503.581.7430

LEGISLATIVE, continued...

the COLR obligation either gone, quickly disappearing or under constant threat, it seems only fitting that elected policy makers fully understand the effects of no or reduced support.

We are meeting with folks over the summer to explain the rationale behind both of our proposed measures as well as introducing (or re-introducing) ourselves to elected individuals. Even though Oregon does not have term limits the turn over at the Capitol is pretty healthy.

This election cycle there will be three Senators not running for re-election. Meantime, there are nine Democrats and four Republicans not running for re-election to their House seats. That's a lot of new faces to get in front of and explain who we are and what we do for their constituents out in their districts.

We also have a really healthy Political Action Committee (PAC) this election cycle. It is very gratifying to have members who support our PAC with their contributions. We had funds left over from the previous cycle and combined with our new contributions we are able to support old friends and make new friends. We target support to those who represent our members, relevant Committee members and people in leadership positions. We also support a few legislators representing urban areas. It is important to have legislators from urban areas know about our issues and why rural telecommunications issues are just as important to their constituents as they are to rural Oregon.



AUGUST 2016

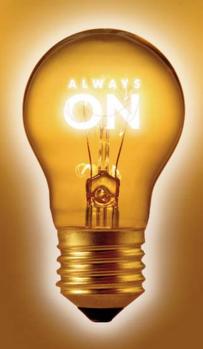
- 23 OTA Consumer Services & Marketing Committee Meeting Tuesday – 10:00 a.m., OTA office building; Conference Rm A – Salem
- OTA Outside Plant Committee Meeting
 Wednesday 10:00 a.m., OTA office building;
 Conference Rm A Salem

SEPTEMBER 2016

- 7 OTA CO-IT Pre-Seminar Committee Meeting
 Wednesday 6:00 p.m., Parlor Suite at the Best Western
 Agate Beach Inn Newport
- 15 OTA Accounting Committee Meeting
 Thursday 9:30 a.m., Consolidated Business Services
 Mt. Angel
- 20 OTA Small Company and Board of Directors Meeting Tuesday - 10:30 a.m. - John Day (location TBA)

OCTOBER 2016

12 OTA Pre-Seminar Accounting Committee Meeting
Wednesday - 6:00 p.m., Parlor Suite at the Best Western
Agate Beach Inn - Newport



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2016 Calix User Group Conference

October 22 - 25 Wynn Las Vegas

www.calix.com/usergroup



Have you registered for the Calix User Group Conference, October 22-25 in Las Vegas? Join the hundreds of service providers, consulting engineers, sponsors, and Calix experts for the industry's leading educational event with four days filled with keynotes, training and breakout sessions, and fun! For more information: www.calix.com/usergroup.

2016 Outside Plant Seminar....

returned to the Best Western Agate Beach Inn located on the beautiful Oregon Coast in Newport for their annual conference. We had very good attendance and great support from our vendors!

This year we added something new to our program — "Vendor Quick Topics." We offered our exhibiting vendors an opportunity to get up in front of the attendees to give a brief 5 minute presentation on a new product or service that they would like to introduce or make known. Our intent with the quick topics was to draw more attendees to visit the exhibit booths. These presentations were slotted before each of the main sessions throughout the first day of the program, a total of five presentations in all, offered on a first come, first serve basis. Since this addition to the program was so well received by both the attendees and the vendors, we are offering this at the upcoming CO-IT Seminar in September as well. If you want to take advantage of this "extra spotlight," just contact Susan at the OTA office.

The seminar began with a return visit from **Chris Robertson of Three Wolves Consulting**. Chris has joined us in the past, sharing his wealth of knowledge and experience so we were excited to have him join us again. Chris's presentation "Methods of Testing Bonded and Vectored ADSL 2+ and VDSL2 Circuits" covered methods for testing Copper Facilities during the I&M process of Bonded and Vectored circuits as well as the data provided by XDSL Test Sets. He also included a conversation on SNR Per Tone, Attenuation Per Tone and Noise Per Tone.

Buck Spears of S & S Solutions, LLC talked about the causes and effects of not characterizing your fiber in his session *"Fiber Characterization."* **Chris Fikert, Cambium Networks** presented *"Residential WiFi: Deployment Do's and Don't's."* Chris reviewed proper methods of deployment and tricks of the trade for WiFi hotspots, both in the home or outside venues.

Another return performance was given by **Tom McGowan of CenturyLink** with his "Got Conduit?" Being there is a lot of focus to comply with aerial aspects of the Oregon Administrative Rules 860-028 and 860-24-0011, Tom covered key components of these rules as they relate to conduit, which not only educated, but stimulated a lively discussion amongst attendees as to the practical aspects of conduit network stewardship and capacity management. Tom's passion for his work is fully apparent and we always enjoy him sharing his many experiences.

Alan Pritchard of Positron Access Solutions did a presentation on "Leveraging Your Copper – DSL Extension, Bonded Pairs and Ethernet over Copper (EoC)." Alan talked about how fiber is everywhere but still plenty of copper in the ground. He shared how with improving technology, service providers can leverage their existing copper plant and provide increased bandwidth without having to make large investments on fiber and construction, especially for those hard to reach or sparsely populated locations.

Brant Wolf, EVP of the OTA and Jim Rennard, Division Manager at GVNW Consulting teamed up to discuss the legislative and regulatory issues facing the industry, covering proceedings in both Oregon and Washington, D.C., associated with USF support that could have major implications for our members.

Closing out the conference with "Why Roll a Truck?? — Manage/ Troubleshoot your WiFi Devices Remotely with TR-069" was Patrick Maloney, Senior Sales Engineer with SmartRG. Patrick covered a brief history and the basics of TR-069. With live demonstrations, he discussed motivations for deploying TR-069 management solutions along with real world examples of enhanced customer support, "zero touch" CPE provisioning and pre-emptive access network troubleshooting.

The 2016 Outside Plant Employee of the Year Award was presented to Don Adamson of Cascade Utilities, Inc.,/Reliance Connects. It appeared to come as a bit of a surprise to Don, which is always fun when we can keep a secret to the very end!



Don has dedicated his life work to the telecom industry. His career with Cascade Utilities began some 35 years ago as an OSP lineman/construction worker. His work ethic and leadership qualities allowed him to advance from working in the trenches to managing one of Cascade's larger service areas. Don is one of those rare individuals that have been able to adapt to changes in our industry. Don takes the responsibility upon himself to search for the best tools and operating procedures with the end result of functioning more efficiently and effectively. Don is a great example of what the OTA represents; small-town customer service while using state-of-the-art technologies and having an unprecedented professionalism within his community. Don has served on the OTA OSP committee for 10 years, serving as both Vice Chair in 2009 and Chair in 2010.

Congratulations Don!!!

The OTA sincerely appreciates the continual strong support of our Associate Members. A huge thanks to our exhibitors at this year's event:







































2016 OTA-WITA Joint Annual Meeting

Thank you to those that attended this year's conference.

Motif Seattle was the venue for the event. The first day kicked off with the annual golf tournament which was held at Jefferson Park Golf Course. Those that didn't golf had a leisurely day taking in the sites & flavors of nearby Pike's Market and touring around the Emerald City. That evening festivities started off with a Welcome Reception with our exhibiting vendors and the raffle sponsored by the OTA Scholarship Foundation, then moving on to the Silent Auction, benefiting both the Oregon and Washington Scholarship Associations and an enjoyable buffet dinner.

Sessions began the next day with a report from the **FCC** with **Amy Bender** who discussed the recent FCC action relating to the federal Universal Service Fund, re-prescription and other important issues facing rural broadband carriers in this election year and beyond.



Joe Robertson, CenturyLink's Senior Regional EH&S for WA and OR and Rick Anderson, 9-1-1 Supervisor for Stevens County, WA discussed how telecoms can be ready to deal with natural disasters.

Yasmin Narievala, Director of District Programs of Education SuperHighway, a non-profit organization that focuses on upgrading internet access for every public school classroom in the country, shared stories from her team's work with local school districts and service providers from across the country as they work together to leverage E-rate rules to provide broadband access.



Much appreciated sponsors of this year's annual conference included:

Telecom Provider Members Gold Sponsors CenturyLink

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Oregon-Idaho Utitlies, Inc.
Pioneer Telephone Cooperative

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Cascade Utlities, Inc. / Reliance
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Systems
Telcom Insurance Group
Unitel Insurance
ZyXEL Communications

Bronze Sponsors

Mapcom Systems
Power & Tel
Vantage Point Solutions

JAM continued







Vendor Breakout Sessions included:

"Creating Bridges in the Modern Digital Home – Connecting Subscribers to the Provider Within the Last 2,000 ft." – presented by Patrick Moreno, Product Marketing Manager for **ZyXEL Communications**. "Speed Kills...Especially if You Move Too Slow!" – presented by Andrew Dickson, Advanced Development Electrical Engineer for Alpha Technologies, Ltd.

"The Lifecycle of an Advanced Cyber Attack." – presented by Structured Communication Systems with Jason Gifford, CISSP, Systems Engineer with Fortinet. "Special Circuit Management – Trends & Best Practices." – presented by Todd Twete, Vice President of Sales for **KADENCE**.



The evening reception with our exhibiting vendors led into the Annual Banquet & Awards Ceremony. The OTA presented a small token of appreciation and Honorary Member status to John Hoffman, President of **DataVision Cooperative** (Gervais Telephone Company), thanking him for his strong support of the Oregon Telecommunications Association and wishing

The OTA also recognized the following companies for their voluntary support with contributions to the Political Action Committee (PAC).

Beaver Creek Cooperative Telephone

Canby Telcom

CenturyLink

Clear Creek Communications

COLTONTEL

Eagle Telephone System, Inc.

DataVision Cooperative

Molalla Communications

Oregon-Idaho Utilities, Inc.

Oregon Telephone Corporation

Pioneer Telephone Cooperative

Scio Mutual Telephone Association

St. Paul Cooperative Telephone Association

Stayton Cooperative Telephone

The OTA PAC is an important part of how we are able to get our story out to legislators and candidates for office.

Continued, See JAM

Top Left: Janet Hoefer (left) wins the Pendleton Blanket, presented by Roselle Potts (right), BCT during the raffle. Bottom Right: Marlene Muhs (COLTONTEL) congratulating Ken Stueve for winning the Traeger Grill in the raffle event







JAM continued

The OTA was proud to acknowledge their Premier Associate Members who continue to demonstrate a high level of support to the OTA and the industry.

AKT, LLP

Alpha Technologies, Ltd

GVNW Consulting, Inc.

North Sky Communications

PEAK Internet LLC

Moss Adams, LLP

PocketiNet Communications, Inc.

President of the OTA Scholarship Foundation, Debbie Jewell (Canby Telcom/Mt. Angel Telephone) announced the names of the recipients of the 2016 Scholarship Awards:

Sarah Cooley......sponsored by Eagle Telephone System, Inc.

Zachariah Cooley.....sponsored by Eagle Telephone System, Inc.

Anna Crosswhite....sponsored by Pivot Group, LLC

Savanna Jaffe....sponsored by Frontier Communications

Jennifer McDougall...sponsored by Eastern Oregon Telecom

Victoria Niska...sponsored by Frontier Communications

Lily Olson...sponsored by Beaver Creek Cooperative Telephone

Eliana O'Neill...sponsored by Frontier Communications

Receiving the Diana Coleman Memorial Scholarship Award:







Solutions for Today's

Industry

Telecommunication

Kathy Rea



JAM continued

The next morning and the last day of sessions opened with a panel of industry professionals coming together for a discussion on Federal Issues Updates. **Eric Keber, WTA – Advocates for Rural Broadband, Josh Seidemann, NTCA The Rural Broadband Association and Carol Brennan from NECA** talked about the many issues they are involved with on our behalf in Washington D. C., and shared their ideas on how this year's election could impact the regulatory and legislative landscape.

Closing out the conference, nationally recognized speaker and humorist **Gary Zelesky** shared his insights and humor in his presentation of "How to Handle Stress of a Continually Changing Industry," giving attendees a unique perspective on how to deal with change.

Mark your calendars now
for the
2017 OTA-WITA
Joint Annual Conference
to be held
June 5 – 7, 2017
at the beautiful Skamania Lodge
in the Columbia Gorge.







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Julie Wheatley
Inside Sales Representative
(906) 776-2614
julie.wheatley@ccisystems.com



Niki Deau Senior Inside Sales Representative (906) 776-2691 nichole.deau@ccisystems.com

OTA Fall Seminars





Central Office & Information Technologies Seminar

September 8 - 9, 2016

Best Western Agate Beach Inn - 3019 North Coast Highway - Newport, Oregon

"IP Network Transition Considerations." - Bob Gnapp, NECA

"Local Number Portability." - Ken Snw, GVNW Consulting, Inc.

"AC vs. DC Power." – Mark Benson, American Power Systems

"WiFi: Deployment Considerations and Best Practices." - Chris Fikert, Cambium Networks

"Why we as citizens should be active in the Protection of our National Critical Infrastructure." – Special Agent Christopher Bizanno, FBI and Ngoni Murandu, President of the Oregon Chapter of InfraGard

"Cascadia Earthquakes: The Road to Resilience." – Yumei Wang, PE, Oregon Department of Geology and Mineral Industries (DOGAMI)
"Oregon Legislative & Regulatory Updates." – Brant Wolf, Oregon Telecommunications Association

Accounting Seminar

October 13 - 14, 2016







Best Western Agate Beach Inn - 3019 North Coast Highway - Newport, Oregon

"Selecting the Proper Insurance Coverage." – Shane Ideus, Unitel Insurance

"Retirement Planning." – David Strom, AKT Wealth Advisors

"Plant Accounting --- Q&A" - FTTH, Reg/Non-Reg, Broadband." - RJ DelMese, Moss Adams, LLP

"Reform, The Order & Other Changes." – Panel Discussion moderated by Josh Bailey, AKT, LLP with Jim Rennard, GVNW Consulting and RJ DelMese, Moss Adams, LLP

"Excel Tips and Tricks." - Chad Holzer, Moss Adams, LLP

"End User Taxes." - Eric Votaw, Moss Adams, LLP

"Oregon Legislative & Regulatory Updates." - Brant Wolf, OTA





Consumer Services & Marketing Seminar

October 27, 2016

The Oregon Garden Resort - 879 W. Main Street - Silverton, Oregon

"Motivational Speaker." - Brett Hollis

"Workplace Safety." - John Posey - Corporate Security Services, Inc.

"How to Grow Your Business & Be More Competitive in Today's Market." – Bonnie Milletto – Motivational Speaker, Author, Consultant
"iPad Update from the PUC." – Kevin Roebke – Oregon Public Utility Commission

"Tech Trends." - Shaun McClure - SCTC





Safety Seminar

November 16, 2016

Best Western Boulder Falls Inn - 505 Mullins Drive - Lebanon, Oregon

The OTA Safety Committee is working diligently to put together an informative one-day program to include the following topics:

Dealing with Safety & Security Issues at the Customer Premise ♦ Cyber Security ♦ Emergency & Disaster Recovery Planning ♦ Federal Mandates for Employee Training on Active Shooters in the Workplace ♦ OSHA Training − Employers Responsibilities & Practical Use

Please plan to join us for these educational trainings and networking opportunities! Seminar brochures & registration materials will be distributed via e-mail & posted on the OTA website with on-line registration at www.ota-telecom.org.



Make plans to attend the 2016 MACC Billing and Technology Conference

The schedule is set for the 2016 Mid America Computer Corporation (MACC) Billing and Technology Conference (MBTC). MACC clients from across the country will have the opportunity to learn new skills related to our products and network with their telecom industry peers. Registration is available for those MACC clients who have not already done so.

MBTC Details

The event will be held in Omaha, Nebraska Session One – September 7-9 Session Two – September 12-14

Follow this link for more information and registration: http://www.maccmbtc.com/

Questions can be directed to MACC's Creative Services Coordinator, Kristi Rounds, at 402-533-5184 or krounds@maccnet.com.

About MACC

In the last few years, more than two dozen telecommunication companies from across the United States have converted to MACC's BSS/OSS platform. Our products empower clients to reach new levels of efficiency through integration and process automation. MACC's products are supported by professional and dedicated customer care teams to ensure the outstanding service our clients deserve. For more information on how your company can begin enjoying the benefits of MACC, contact us at 1-800-622-2502 or visit www.maccnet.com.



The ITA Showcase Board of Directors would like to take this opportunity to thank all of the OTA-WITA Members for your continual strong support of the annual ITA Showcase event.

Because of your tremendous support again this year, we were able to present a \$3,500.00 check to each of the Associations to be directed to their individual scholarship foundations. This is the highest dollar amount to date that we were able to proudly give to these worthy programs. Historically to date since 2005 the overall total of funds donated to the Oregon and Washington Scholarship Foundations comes to \$35,000.00! Your support of the ITA Showcase has a great impact on this outcome and we want you to know that we truly appreciate you! Each year both the OTA and WITA Associations offer scholarships to employees and immediate family of their members to further their education in colleges, universities and trade schools. **So from the bottom of our hearts**— **thank you so very much for your ongoing support!**

The ITA Showcase Board:

Mark Johnson, President - North Sky Communications
Diane Garcia, Vice President - Walker and Associates
Deb Low, Secretary/Treasurer - Graphic Design Unlimited
Jim Brett, Director - Graybar

Gabe Chillous, Director - Nelson Truck Equipment Chris Dinwoodie, Director - Corning Sev Giles, Director - Techtel Marketing, Inc. Paul Nolan, Director - Calix

We look forward to seeing you all again at the 2017 ITA Showcase March 8 – 9 (golf tournament on the 7th) at the Holiday Inn

Portland Airport Hotel



OTA EVENT CALENDAR

Central Office & Information Technologies Seminar September 8 – 9

Best Western Agate Beach Inn – Newport, OR Registration deadline is August 26th. To register, click here: www.ota-telecom.org

Accounting Seminar

October 13 - 14

Best Western Agate Beach Inn - Newport, OR

Conference brochure and on-line registration will be available soon!

Comprehensive Grounding & Protection of Communications Sites

October 25

OTA Office - Conference Room B - Salem, OR

For more information & to register, please click here: https://www.eventbrite.com/e/comprehensive-grounding-and-protection-of-communications-sites-salem-or-tickets-19261432463

Consumer Services & Marketing Seminar October 27

Oregon Garden Resort - Silverton, OR

Conference brochure and on-line registration will be available soon!

Safety Seminar November 16

Best Western Boulder Falls Inn – Lebanon, OR

Conference brochure and on-line registration will be available soon!

2017

ITA Showcase

March 8 - 9

Holiday Inn Portland Airport Hotel – Portland, OR

OTA-WITA Joint Annual Meeting

June 5 - 7

Skamania Lodge - Stevenson, WA

Notification of OTA President of Any Antitrust Concerns

OTA members, representatives and attendees should promptly bring any antitrust concerns to the attention of OTA President. Because antitrust law and policy is legally complex (especially in view of the heavily regulated nature of the telecommunications industry), all OTA members, representatives and attendees are expected and instructed to seek promptly the advice of counsel for OTA in the event that there is any question as to whether any contemplated action, activity, proposal, or other course of action may be in conflict with applicable law.

OTA members, representatives and attendees should terminate any discussion, seek legal counsel's advice, or, if necessary, leave any meeting or discussion where improper subjects are being discussed and explain the reasons for departure to those still in attendance.

For a copy of OTA's Antitrust Policy in its entirety, please contact the OTA office.

OTA Legal Counsel

Duncan, Tiger & Niegel, P.C.

582 E. Washington Street Stayton, OR 97383 503.769.7741 Fax: 503.769.2461

Jennifer Niegel

jennifer@staytonlaw.com

Law Offices of Richard A. Finnigan

2112 Black Lake Blvd SW Olympia, WA 98512 360.956.7001 Fax: 360.587.3852

Richard A. Finnigan rickfinn@localaccess.com

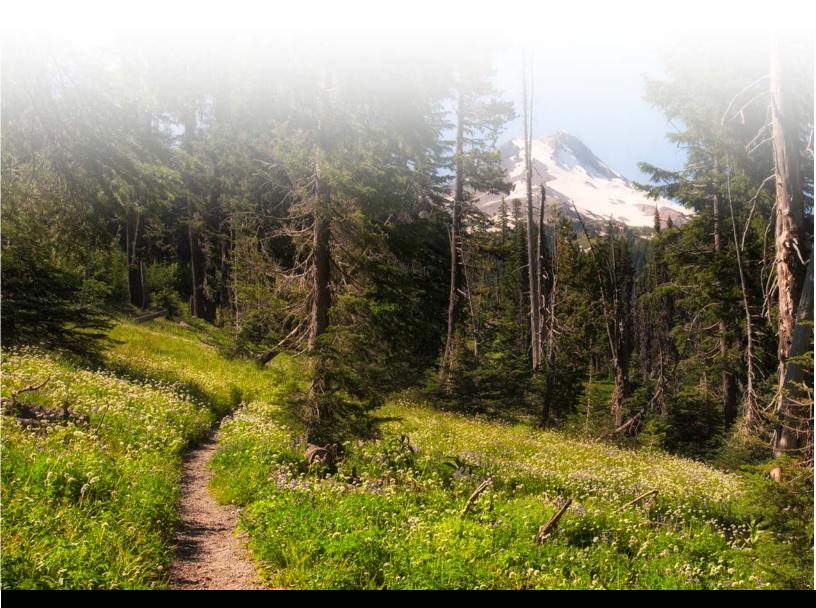


The OTA would like to welcome the following companies who have recently joined the association.

For contact info and links to their websites, just click on the web address or please visit the OTA website.

New Associate Member:

NSFOCUS www.nsfocusglobal.com



Need to contact the Oregon Telecommunications Association?

Mailing Address:

777 13th St. SE, Suite 120 Salem, Oregon 97301-4038 Telephone: 503.581.7430 Fax: 503.581.7457 **Brant D. Wolf, CAE**Executive Vice President
email: bwolf@ota-telecom.org

Susan E. AllenOffice Manager/
Members Services Coordinator
email: sallen@ota-telecom.org