



"The Northwest's Largest Ham Convention"

May 31, June 1 & 2, 2019

"Solar Cycle 25" and "Year of the Tech"

Host to the
**ARRL Northwestern Division
Convention**

www.seapac.org

**Seaside Convention Center
415 First Avenue, Seaside, Oregon**



SEA-PAC ARRL Guests

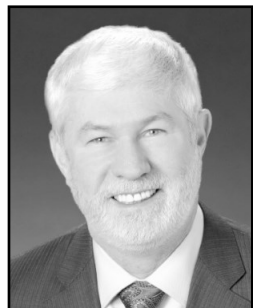


Rick Roderick K5UR

President, ARRL

Rick Roderick, K5UR, ARRL President lives north of Little Rock, Arkansas on a 50 acre hilltop QTH. He has worked 370 countries, including 314 countries on 160 meters, 351 countries on 80 meters, 353 countries on 40 meters, and 152 countries on 6 meters. He holds DXCC on 10 bands and is ranked 5th in the world on the DXCC Challenge Award. He holds over 20 different Worked All Zones Awards, and was one of the first to achieve Worked All Zones on 160 meters.

He's been a ham for over 40 years. Life Member of the ARRL and has held numerous ARRL volunteer positions continuously for all of those 44 plus years. He served on the ARRL DX Advisory Committee and was chairman for many years. He has also served on CQ Magazine's DX Advisory Committee for 40 years. He was instrumental in the creation and implementation of Log-book of the World, and the DXCC Challenge Award. He has been on the ARRL Board of Directors for 20 years and formerly served as ARRL First Vice President. He loves ham radio!!!!



Howard Michel WB2ITX

Chief Executive Officer, ARRL

Howard is a retired US Air Force officer, having served as a pilot, satellite launch director, engineer, and engineering manager. He notes that during his time in the military, wherever he could set up an antenna, he took the opportunity to operate.

He notes that he has always had a strong interest in building and repairing radio equipment. "I've operated CW/AM/FM/SSB/digital on 80/40/20/15/10/2 on equipment that I have either built, repaired, or modified. Michel says that some of his favorite activities include attending hamfests to find old stuff to repair or repurpose, contest operating, and DXing, especially on 80/40 meters. He adds that he is a Life Member of the South-eastern Massachusetts Amateur Radio Association.



Bob Inderbitzen NQ1R

Marketing Manager, ARRL

Bob Inderbitzen NQ1R is the manager for marketing at ARRL. He and his staff are responsible for ARRL membership and publication marketing. Bob collaborates with other staff, contributing to benefits, services and products enjoyed by all ARRL members. In 2014, he served as the convention manager for the national ARRL Centennial Convention held in Hartford, Connecticut. Bob regularly attends ARRL's national conventions and Dayton Hamvention as part of the team that organizes and operates ARRL exhibits. He also coordinates ARRL's representation at Europe's largest, annual-held Amateur Radio exhibition in Friedrichshafen, Germany.

He enjoys speaking with members and volunteers about ARRL membership recruitment, benefits and services.

Bob obtained his first ham radio license, KA2PZD (Novice-class) in 1981. He attributes his early interest in Amateur Radio to a fascination with electronics and a patient middle school vice principal who decided to conduct an Amateur Radio class. Bob says, "I was the only student who enjoyed being sent to the vice principal's office. That's where the radio was!" Bob earned the call sign NQ1R when he upgraded to Amateur Extra class in 1989.

SEA-PAC Banquet Speaker

Jeri Ellsworth AI6TK



Jeri Janet Ellsworth was born in Georgia and grew up in the cities of Dallas, Oregon and Yamhill, Oregon, where she was raised by her father, owner of a Mobil gas station. As a child, she persuaded her father to let her use a Commodore 64 computer that had originally been bought for her brother. She learned to program for herself by reading C64 manuals. While attending high school, she drove Dirt Track racing cars with her father, and began designing new models in her shop, eventually selling her own customized race cars. This allowed her to abandon her studies to continue with the business.

She is a self-taught entrepreneur and designer of integrated circuits and American inventor. It was unveiled in 2004, when she created a complete Commodore 64 system on a chip located inside a joystick, which she called "C64 Direct-to-TV". In 1995, when she was 21 years old, she decided that she wanted to get away from the racing car business, and together with a friend she started a business of assembling and selling computers based on the Intel 486 microprocessor. This new business became a chain of 4 stores, called "Computers Made Easy"

In 2016 she became a licensed amateur radio operator and holds an Extra Class license..

Online and Mail in Registration opens Feb 15th

SEA-PAC Pin Design Contest

Are you creative? Enter our *SEA-PAC Pin Design Contest* and you could win two free tickets to the Saturday Night Banquet, plus fame and admiration from all of your fellow HAMS. Submit no later than March 1, 2019. Submissions must have actual size and large color print of the design. One entry per person. Send designs to *SEA-PAC Ham Convention*, PO Box 7263, Aloha, OR 97007.

Mickley/Berg Scholarship Award

The Mickley/Berg Scholarship is awarded to an amateur operator who will be attending college as a new or returning student. Please make sure any eligible amateurs that you know are aware of it. Applications are due by March 31, 2019. Full scholarship application criteria and the submission form is available on the Scholarship web page at:

www.seapac.org

Friday Workshop

Mark Breakey, KB7RHI

"Power and Communication When Everything Goes Dark"

When all else fails, how are you going to communicate? This workshop will cover how to keep your radio station on the air in an emergency. Topics include:

- What you need to know about batteries, solar panels, charge controllers and inline meters, wiring, distribution blocks, system sizing, and portable antennas.
- How to take your high power station backpack portable.
- How to set up an emergency station using solar power with example setups.
- Will also touch on how to send peer to peer messages via Winlink when regular RMS stations are down or overwhelmed with traffic.
- Will provide information on water, sanitation, providing light and being portable overnight during an emergency.

VE Testing

Testing will be conducted at Our Savior's Lutheran Church, East Parish Hall, near the convention center at 9:00 a.m. Saturday, June 1, 2019. **Pre-registration only. No walk-ins.** To register or for questions, contact John at 503.803.6134 evenings, email ve@seapac.org or snail mail to John Bucsek/KE7WNB PO Box 230216, Portland, OR 97281-0216. Seating is limited so reserve your place by registering now. Registration must be received by May 15, 2019! Confirmation will be sent to registered participants via email. Bring photo ID, original and copy of all licenses/CSCE documents, and a check for \$15.00 payable to "ARRL VEC". For more information send an email to ve@seapac.org

Registration For VE Test

Please circle the examination element(s) you wish to take:

"Technician" "General" "Extra"

Name _____

Address _____

City, State, Zip _____

Telephone _____

Email _____

Call Sign _____ Lic Class _____

Send To: John Bucsek/KE7WNB
PO Box 230216, Portland, OR 97281-0216
Or email all information to: ve@seapac.org

Be sure and visit our website at www.seapac.org to learn the latest on the seminars, workshops, and more activities scheduled for SEA-PAC 2019!

SEA-PAC Awards

- Alinco DJ-G7T 2M/70cm/23cm handheld
- Icom IC-7100 HF/6M/2M/70cm DSTAR
- Icom IC-718 160-10MHz HF radio
- Icom IC-7300 HF/50MHz radio
- Icom IC-V80 HD 2M handheld
- Icom ID-4100A VHF/UHF DSTAR mobile
- Icom ID-5100A VHF/UHF DSTAR mobile
- Kenwood TH-D74A 2M/220/70cm handheld
- Kenwood TH-K20A 2M handheld
- Kenwood TM-D710G 2M/70cm mobile
- Kenwood TS-480HX HF/50MHz mobile
- Yaesu FT-2DR 2M/70cm C4FM handheld
- Yaesu FT-60R 2M/70cm Handheld
- Yaesu FT-70 DR 2M handheld
- Yaesu FT-8900R 10M/6M/2M/70cm mobile
- Yaesu FTDX 1200 HF/50Mhz radio
- Yaesu FTM-100DR 2M/70cm C4FM mobile
- Yaesu FTM-400XDR 2M/70cm C4FM Deluxe mobile

And lots more...!

2019 Fleamarket Notice

DRAMATICALLY FEWER FLEA MARKET TABLES THIS YEAR

The remodeling construction work at the Seaside Convention Center has closed the entire two-day area upstairs for this year. There will be NO two-day tables available. We greatly regret this situation, but the remodeling left us no alternative for the flea market.

To accommodate this issue as much as possible, the SEA-PAC committee has decided that the initial on-line registration will only allow sellers with a one-day table last year who turned in their yellow reservation card for this year to register for a one-day table. Only the two-day sellers who turned in their yellow reservation card for this year will be able to register for single ONE (1) one-day table.

As in prior years, the on-line registration will allow for a check box to indicate that you wish to be added to our waiting list. If some sellers decide not to get one of the limited one-day tables, we will contact the waiting list sellers to offer them an available one-day table.

The Annual Local Area Hams

All You Can Eat Spaghetti Dinner

Everyone Welcome

Friday, May 31st, 2019 from 5:00 p.m. to 8:00 p.m.

Bob Chisholm Center,

1225 Avenue A, Seaside, OR

Adults \$8 Children 7-12 \$6

\$1 off admission with proof of Ham license or SEA-PAC Registration.

(This is not a SEA-PAC sponsored event)

Saturday & Sunday Seminars

We plan to have up to 40 seminars on Saturday and Sunday.

Currently scheduled seminars include:

- Fun Operating Portable
- Why Upgrade to General or Extra?
- Repeater Coordination in Western Washington
- The CW Way of Life - Why Morse matters in an FT8 world
- The Storied History of the Ham Radio Callsign
- Planning a Suitcase DXpedition
- EYEWARN
- Parks on the Air - Portable Operation Fun
- Introduction to Digital Amateur Television (D-ATV)
- Recruiting new hams
- Getting Started with FT8 and other digital modes
- Low Band Receiving Antennas In Depth
- Go Kits for VHF/UHF and HF
- Getting started with HF operating
- Ham legal issues
- Intro to Software Defined Radio (SDR)
- Building a Repeater
- Remote-Controlled Radios
- HamWAN
- Effectively Welcome the New Ham
- How I Shrunk the Amp
- Characterizing Base Station Performance Using Advanced Measurements and Drones
- and more...

C.A.R.S. Country Store

As a service to flea market buyers the C.A.R.S. (Cascade Amateur Radio Society) club provides a testing center for equipment. A power supply, voltmeter, service monitor, oscilloscope and frequency counter are a part of their testing equipment. Check out what you are considering buying. Neither C.A.R.S. nor SEA-PAC can accept responsibility for the condition of any equipment nor can be held responsible for any damage as a result of use of test gear. As an additional service to the amateur radio community, C.A.R.S. also provides a Country Store where rigs and other equipment will be displayed for sale. Have a piece of gear to sell? As an additional service, we will consign it for you at a reasonable charge. Remember, your boat anchor is someone else's dream machine!

SEA-PAC Pocket Lanyard

Again this year the SEA-PAC Lanyard will be available to purchase for only \$5 either on-line or via a mailed-in ticket reservation.

This timeless lanyard has a clear pocket in the front for your name badge, a zippered pocket on the top to hold lunch, banquet, or raffle tickets and other small items, and a clear pocket on the back to hold the free pocket book of SEA-PAC activities to refer to while attending the convention.

If you already have a lanyard, you can pickup the free pocket book for this year to use.



SEA-PAC SCHEDULE

Friday, May 31

Workshop only day

Workshop: Power and Communication When Everything Goes Dark
..... 9:00 AM - 5:00 PM

General Registration Open 9:00 AM - 8:00 PM

Exhibitor/Flea Market Set-Up..... 11:00 AM - 8:00 PM

Radios at the Beach 7:00 PM

Saturday, June 1

Exhibitor/Flea Market Set-Up 7:30 AM - 9:00 AM

Registration Open 8:00 AM - 4:30 PM

VE Exams (Pre-registered) 9:00 AM
Our Saviour's Lutheran Church - East Parish Hall

Exhibits & Flea Market Open..... 9:00 AM - 4:30 PM

Snack Bar 9:00 AM - 4:30 PM

Seminars (Convention Center) 10:00 AM - 5:00 PM

Hourly Awards 10:00 AM - 3:00 PM

YL Luncheon (Shilo Inn) 11:30 AM - 12:45 PM
Presenter Jeri Ellsworth, AI6TK
"The Challenge Of Doing"

DX Luncheon (Shilo Inn) 11:30 AM - 12:45 PM
Presenters are Joe N7BF, Russ N7QR, Everett W6ABM and Peter ZL2HM
"2018 Norfolk Island DXpedition"

ARRL Forum (Riverside B) 10:00 AM - 11:30 AM

SEA-PAC Special Awards (Convention Center) 2:30 PM

Pre-Banquet Happy Hour 6:30 PM - 7:00 PM

SEA-PAC Banquet (Convention Center) 7:00 PM - 9:30 PM
Keynote Speaker is Jeri Ellsworth, AI6TK

Saturday Evening Special Event 6:30 PM - 8:00 PM

Sunday, June 2

Registration 8:30 AM - 12:00 Noon

Exhibits & Flea Market Open..... 9:00 AM - 12:00 Noon

Hourly Awards 9:00 AM - 11:00 AM

Seminars (Convention Center) 10:00 AM - 12:00 Noon

Snack Bar 9:30 AM - 1:00 PM

SEA-PAC Major Awards (Convention Center) .. 1:00 PM - 2:00 PM

Convention Closes 2:00 PM

Friday Night Special Event

"Radios on the Beach"

For those of you in Seaside Friday evening, we invite you down to the beach west of the Shilo Inn. Some hams will have portable stations set up. If you have a portable station, bring it along and test the salt water amplifier effect. Meet other hams and families, and enjoy the sunset.
We will save some sand for you.

DX Luncheon Speakers

Joe Kelly N7BF, Russ Mickiewicz N7QR, Everett Curry W6ABM and Peter Moore ZL2HM.

"2018 Norfolk Island DXpedition"

There are many ways to create and execute a DXpedition. Last year, three ARRL Northwestern Division hams joined with a Kiwi to complete a ten-day DXpedition on Norfolk Island (OC-005). Learn how they planned and carried out this event, and what they learned.

YL Luncheon Speaker

Jeri Ellsworth AI6TK

"The Challenge Of Doing"

SEA-PAC CONTACTS

SEA-PAC Chairman **Everett Curry, W6ABM**
360.522.7142
chairman@seapac.org

General Information: **Wayne Schuler, AI9Q**
360.892.5580
info@seapac.org

Exhibitors: **Warren Winner, W7JDT**
503.644.0752
exhibitors@seapac.org

Flea Market: **Tom Hill, WA3RMX**
503.780.6940
fleamarket@seapac.org

Registration: **Melissa Nelson, WA7MEL**
503.882.7388
registration@seapac.org

Advertising: **Mike Hurley, KG7BF**
503.647.5405
advertising@seapac.org

Seminars & Workshops: **Delvin Bunton, NS7U**
360.256.9122
seminars@seapac.org

Awards: **Darwin Durr, K7PSD**
503.784.0272
prizes@seapac.org

SEA-PAC Message Phone: 503.882.7388

SEA-PAC Web Site: <http://www.seapac.org>

SEA-PAC Mailing Address: SEA-PAC Ham Convention
Post Office Box 7263
Aloha, Oregon 97007-0963

SEA-PAC REGISTRATION

Please Print

Name _____

Address _____

City _____ State _____ Zip _____

Email Address _____

Call Sign _____ Phone _____

NICKNAME & CALL SIGN FOR ADDITIONAL REGISTRATION BADGES

Indicate students with a "S" & children with a "C"

Registrations at \$10.00 early | \$15.00 at the door \$ _____

Students 13-17 at \$5.00 early or at the door \$ _____

Children 12 and under Free!

SEA-PAC Lanyard at \$5.00 \$ _____

Flea Market Tables—REGISTRATION ONLINE ONLY!

Workshop: Power and Communication When Everything Goes Dark (Fri) at \$18.00 (limit of 225) \$ _____

Saturday YL Luncheon at \$20.00 (50 person limit)..... \$ _____

Saturday DX Luncheon at \$20.00 (50 person limit) \$ _____

Saturday Banquet - Salmon Dinner at \$35.00 \$ _____

Saturday Banquet - Sirloin Steak at \$35.00 \$ _____

• For faster registration, please use our secure online process at www.seapac.org starting on February 15th.

• EARLY BIRD Registration must be postmarked by April 15.

• For mail in registrations, mail it before May 15.

• Registrations received after May 15, will have their tickets held at the convention center in "Will-Call".

• Please put any additional comments below.

• Refunds of \$5.00 or more only.

• NO Refund after May 13, 2019.

• Drawing tickets are not mailed, rather they are placed for you into the proper drawing bins.

• All workshop attendees will pick up all of their tickets at the workshop. They will not be USPS mailed to them.

• All Hawaii, Alaska and international locations will have all their tickets waiting at will-call, unless workshop rule above applies.

Additional Comments::

Please mail this reservation form to: SEA-PAC Ham Convention, PO Box 7263, Aloha, OR 97007-0963

PLEASE ALLOW 4 WEEKS FOR DELIVERY OF TICKETS

Tickets can be purchased online at <https://www.seapac.org> starting February 15, 2019

Mail in registration closes May 15, 2019. Online registration closes May 26, 2019.

SPONSOR LODGING

While attending SEA-PAC, please consider patronizing our SEA-PAC Sponsor Hotels and be sure to ask for your special SEA-PAC rate.

These include the Best Western Oceanview Resort, City Center Motel, Coast River Inn, Ebb-Tide, Hi-Tide, Inn At Seaside, Rivertide Suites and the River Inn At Seaside. Additional information may be found at www.seapac.org and click on "Sponsor Lodging."

These properties fill up fast so plan ahead!



Oregon Tualatin Valley Amateur Radio
Community Services
PO Box 5471
Beaverton, OR 97006-0471

Become a part of the SEA-PAC experience.
We are looking for volunteers on
Friday, Saturday or Sunday.
For more information,
email us at volunteers@seapac.org
or call (503) 882-7388

“The Northwest’s Largest Ham Convention”



Host of the ARRL Northwestern Division Celebration

May 31 - June 1 & 2, 2019

**Seaside Convention Center
415 First Avenue, Seaside, Oregon**

Our 37th Year!

The Oregon Tualatin Valley Amateur Radio Community Services, Inc. and
The Oregon Tualatin Valley Amateur Radio Club, Inc. sponsoring
organization of SEA-PAC thank the Clark County Amateur Radio Club
for their continued support.

**Talk-in: 145.450(-) Tone 118.8
www.seapac.org**

Please check our website frequently at www.seapac.org for updated information.
The convention sponsors reserve the right to alter the convention schedule and programs.
All registrants, including convention sponsors, are eligible for awards. Good luck to all!

**Seaside Convention Center
is a No Smoking Facility.
ORS 433.839 and ORS 433.875
No Pets Allowed in the Convention Center.**