



SEA PAC



ARRL Northwest Division Ham Convention



Seaside Convention Center Seaside, Oregon

JUNE 4 & 5, 1994

Presented by
Oregon Tualatin
Valley Amateur
Radio Club



YOU CAN'T LOSE

300 CHANCES-300 PRIZES

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Pay \$2.00 for an envelope and
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1. An Icom or Yaesu 2 M Hand held
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3. One of 50 \$20 WORLD MAPS
4. One of 50 OR Ham Reverse Directory
5. A \$20 Oregon Frequency Almanac
6. A \$20 Washington Frequency Almanac
7. A Ham Log Book
8. An Oregon Repeater map

When someone wins the Hand-
held, another raffle starts

If all envelopes are purchased by the same person,
only the Handheld will be given as a prize

**VISIT THE HOODVIEW
A.R.C. BOOTH FIRST**

Welcome to SeaPac 1994

The *SeaPac Ham Convention* is sponsored by the Oregon Tualatin Valley Amateur Radio Club.

Co-Sponsors include Hoodview Amateur Radio Club, Sunset Empire Amateur Radio Club, and TEchnology RAC (formerly Tektronix Employees RAC).

The Sponsors wish to thank all volunteers for their assistance and contributions to the convention. We hope everyone will enjoy themselves to the fullest and be a part in making this event a success.

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VE Testing

Testing is at Our Saviour's Lutheran Church across from the Convention Center. One session only will be offered at 9:00AM on Saturday, June 4, 1994. .

Testing will be by pre-registration only. No walk-ins!

Friday Night Bingo

An evening of Bingo will be presented by Seaside's Our Lady of Victory Catholic Church. The doors open at 6:00 PM with the first Early Bird Game at 7:00PM. The regular games run from 7:30 to 10:00PM. Snacks are available. No one under age 18 is permitted.

The church is located at 120 First Street, two blocks west of the Convention Center.

Talk-in Station: 146.660 (-600) MHz

F.A.R.S. - AEA CW Competition

The Friendship Amateur Radio Society (FARS) sponsored by AEA, will conduct a morse code proficiency competition on Saturday, June 4th, similar to last year's competition.

Attractive medals and certificates will be awarded at the banquet on Saturday night for several outstanding competitors in the sending, receiving, and pile-up events. All scoring will be done using a special computer program developed by Carl Clawson, WS7L.

Schedule of Events

Town Center Mall Upstairs Meeting Room

DX Pile-up Competition.....	9:00AM to 3:00PM
CW Sending.....	9:00AM to 10:00AM
	1:00PM to 2:00PM
CW High-speed Receiving.....	10:00AM to 11:00 AM
	2:00PM to 3:00PM

Kids, Krayons & Kartoons

Seamist Room

Saturday, June 4 -----9:00AM to 4:30PM

Sunday, June 5-----9:00AM to 1:30PM

For children 5 - 12 years old. Separate arrangements can be made to care for younger children at additional cost.



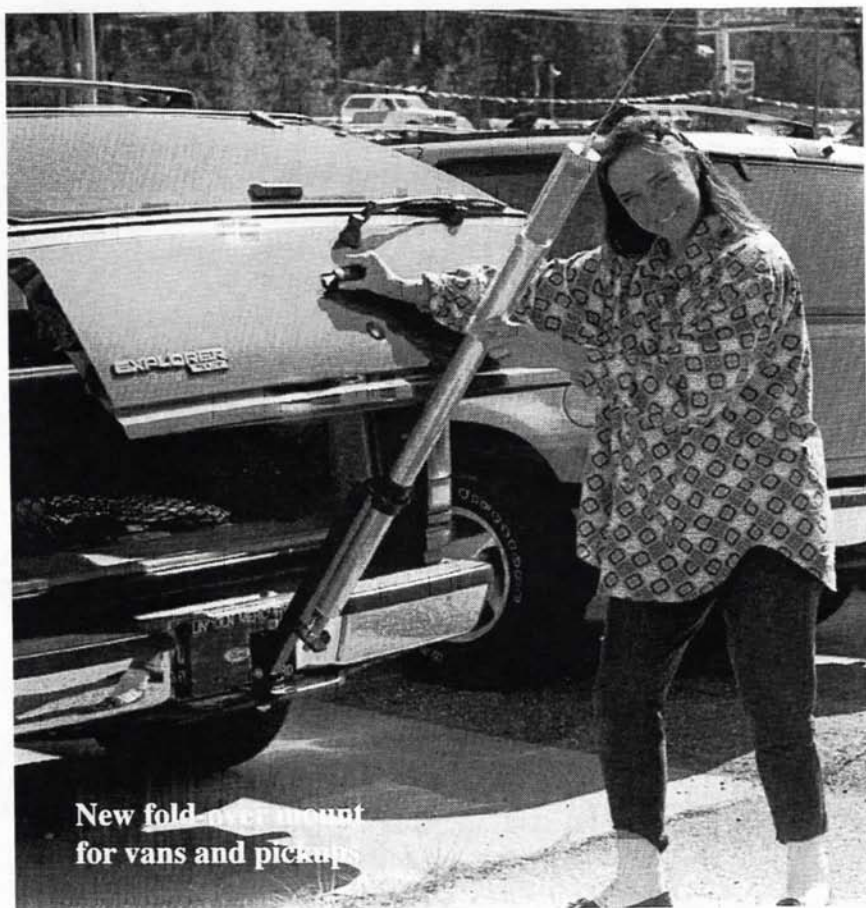
C. O. W.

The Red Cross C O W or Chapter on Wheels is a 35-foot long van equipped to function as a mobile emergency operations center. It will be open for visitors during convention hours in the parking lot across the street from the Convention Center Entrance.

A smaller Red Cross Vehicle will also be on display.

HIGH SIERRA

MODEL HS-100 HF MOBILE ANTENNA

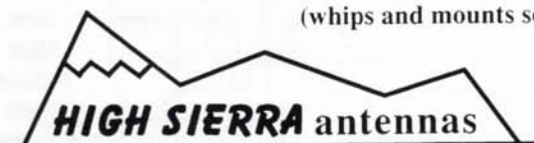


New fold-down mount
for vans and pickups

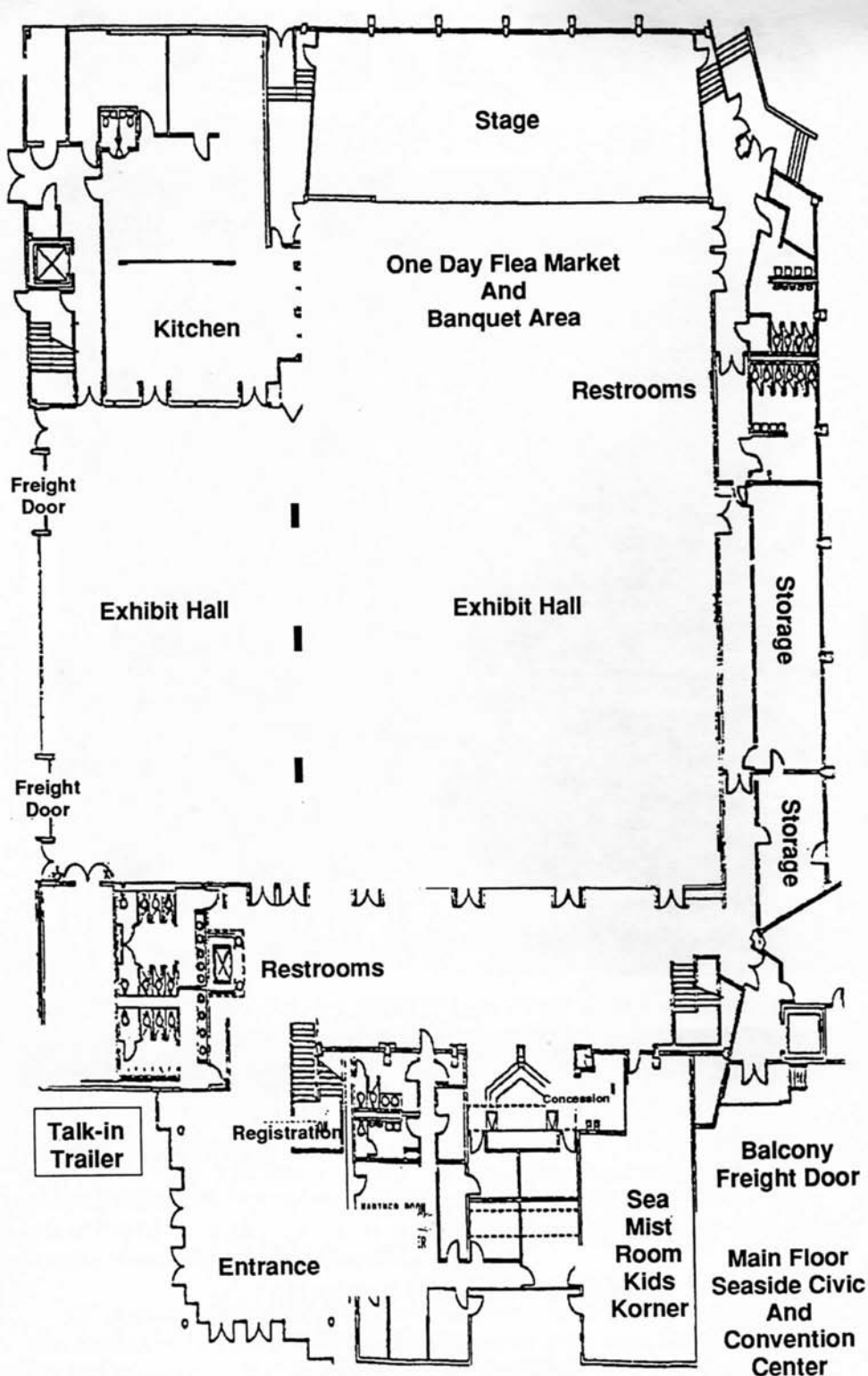
THE HS-100 ADDS NEW FEATURES TO W6AAQ'S FAMOUS "SCREWDRIVER" ANTENNA DESIGN. INTENDED FOR HEAVY-DUTY SERVICE IN AMATEUR AND COMMERCIAL APPLICATIONS. *CONTINUOUS* COVERAGE 3.5MHZ TO 30MHZ.

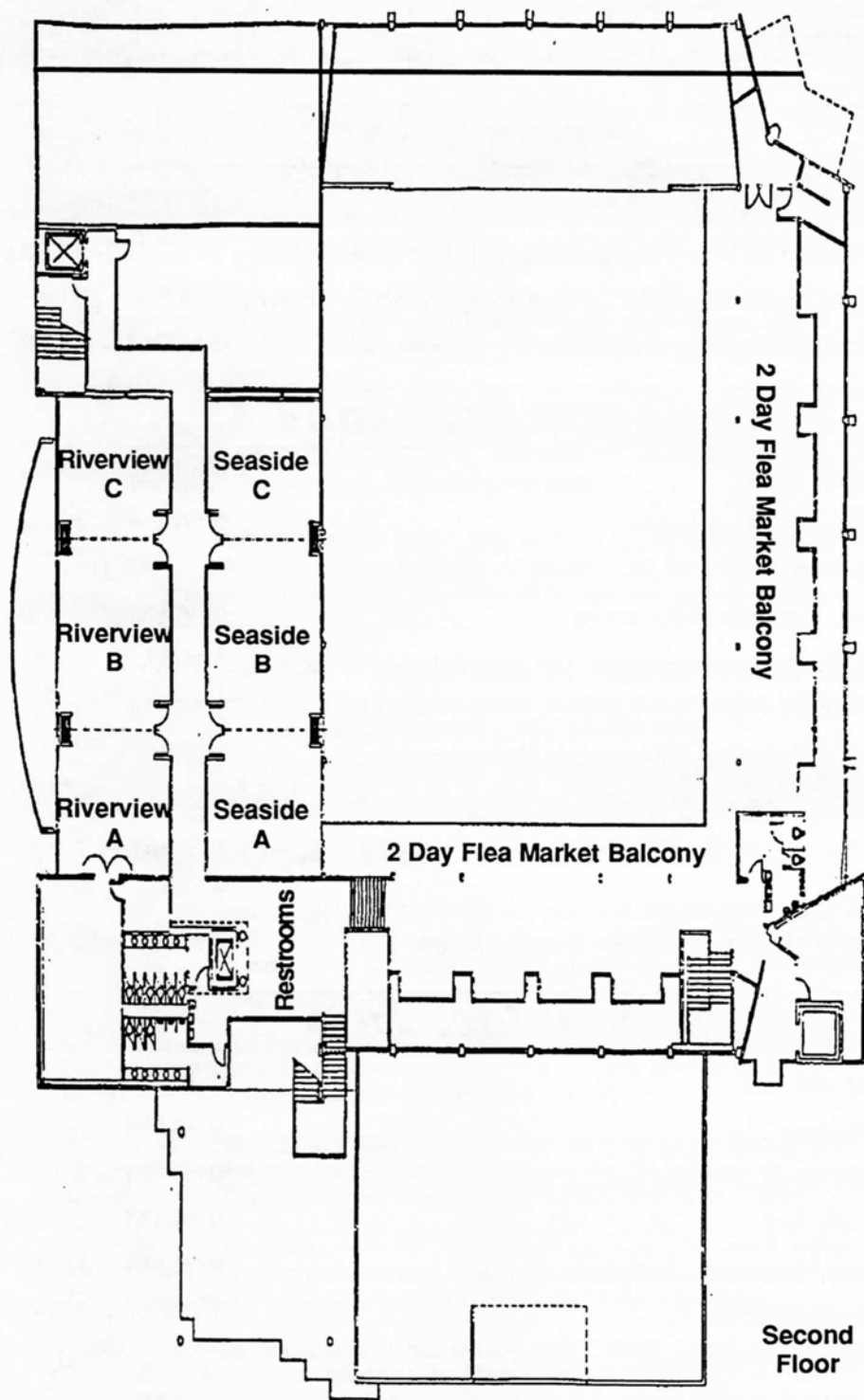
\$289 plus S&H

(whips and mounts sold separately)



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**Second
Floor**

Convention Schedule

Friday, June 3

Registration	11:00AM- 8:00PM
Exhibitor & Flea Market Setup (SETUP ONLY)	11:00AM-9:00PM
Friday Night Bingo (Our Lady of Victory Catholic Church) ..	7:00PM - 10:00PM
Ladies Hospitality Suite (Huntley, Room 125)	5:00PM - 8:00PM

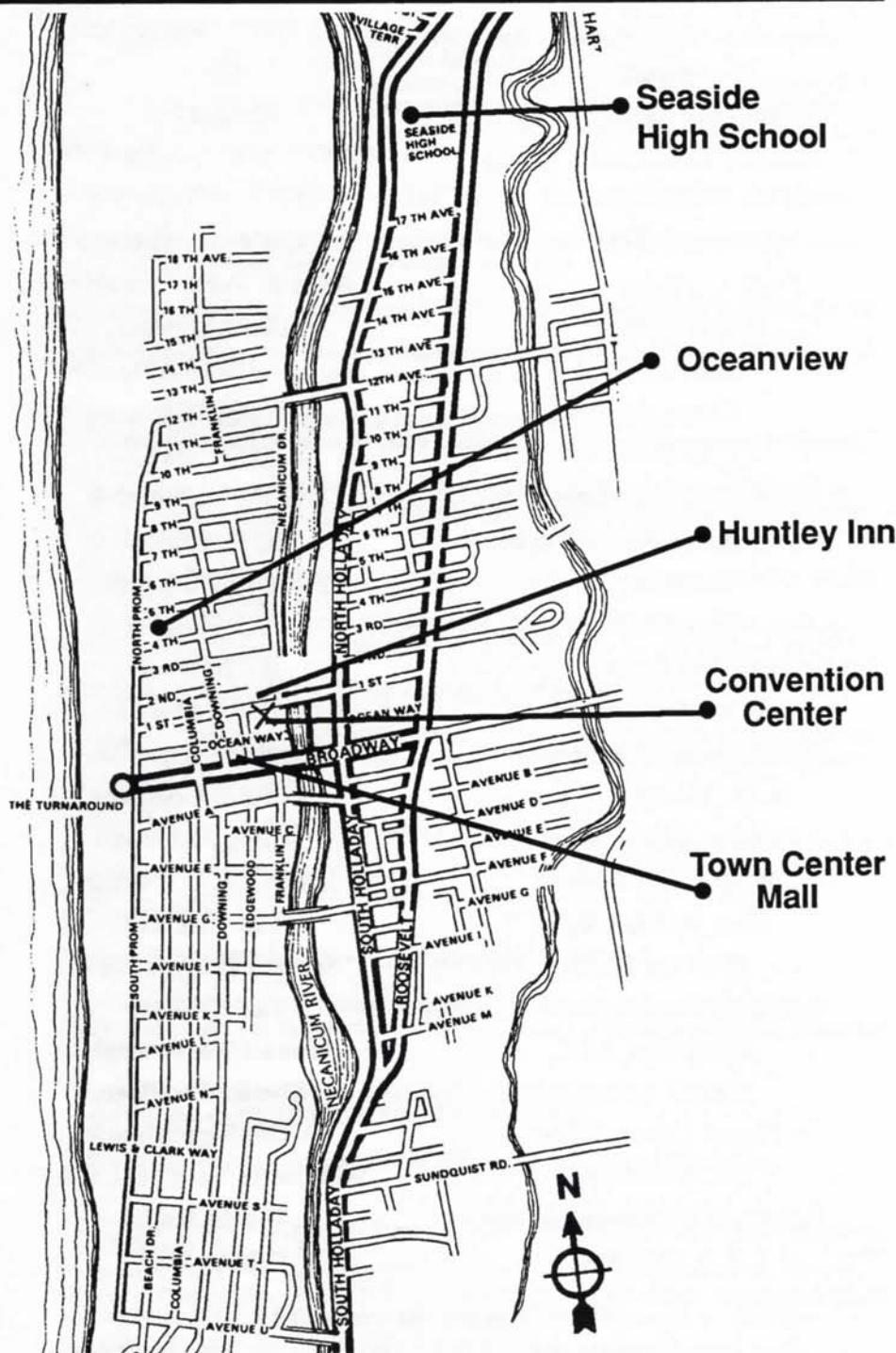
Saturday, June 4

Registration	8:00AM - 4:30PM
Exhibits & Flea Market	9:00AM - 4:30PM
Snack Bar	All Day
Kids, Krayons & Kartoons	9:00AM - 4:30PM
VE Exams (Pre-registered Only. Our Saviour's Lutheran Church)	9:00AM - 12:00N
Seminars	9:30AM - 5:00PM
ORRC Meeting (Oceanview Ballroom 3)	1:00PM - ????????
QCWA Luncheon & Program (Oceanview Ballrooms 1 & 2) ..	12:00N - 2:00PM
Ladies Luncheon & Program (Oceanview Seaside Room) ...	11:30AM - 2:00PM
Banquet	7:00PM - 9:30PM
Ladies Hospitality Suite (Huntley Room 125)	9:00AM - 5:00PM

Sunday, June 5

Registration	8:30AM - 12:00N
Seminars	9:30AM - 12:00N
Exhibits & Flea Market	9:00AM - 1:30PM
Snack Bar	9:30AM - 2:00PM
Kids, Krayons & Kartoons	9:00AM - 1:30PM
Grand Awards	1:00PM - 2:00PM
Convention Closes	2:00PM
Ladies Hospitality Suite (Huntley Room 125)	9:00AM - 12:00N

Seaside Area Map



Exhibitor List

AEA	Larsen Electronics
Alinco	Luke Co.
Amateur Radio Supply	Maldol USA
Amateur Radio Relay Group	MARS-Navy/Marine Corps
Amsoft	Mullinax Publishing
Antennas Northwest	NCG/Comet Antennas
Azden	Nuts & Volts Magazine
B & B Instruments	OEM Services
Battery Tech	Portland ARC
Cable-X-Perts	QCWA
C-Comm	QSL Art
Charles Simmons	RF Parts/Diamond
Communications Works	R. C. Contes
Computer Nut	Ramsey Electronics
Cynthia Wall	Rich Imaging
DC Power	RT Systems
Dunestar Systems	Radio Shack
Electronic Rainbow	Scanware Associates
E. H. Yost/Mr. Nicad	Solder-It Company
Falcon Communications	Smiley Antennas
H. Stewart Designs	Sound Radio Products
Ham Radio Outlet	Star Fire Tec
Hats for Hams	Startek International
High Sierra Antennas	Tad T-Shirts
Hoodview ARC	Transel Technologies
ICOM America	The Radio Place
Index Laboratories	The Sign Man
KLM Antennas	Willamette Valley DX Club
Kenwood Communications	World Radio
L.J.A. / PC Power	Yaesu USA

Prize Donors shown in Bold

Due to publication deadlines we apologize for any omissions.

SEAPAC Committees

Thanks To All The Volunteers Who Helped Make This Convention A Success!!!

Due to publication deadlines, we apologize for any omissions

EXECUTIVE COMMITTEE

Bill Merwin, N7VZF
Jim Schaeffer, KB7ADH
Al Berg, WB7SIC
Bradley Beach, N7NVC

TREASURER

Susan Benson, N7EPE

HAM & CLUB AWARDS OF THE YEAR

Susan Benson, N7EPE
Randy Stimson, KZ7T

EXHIBITORS

Al Berg, WB7SIC

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John Hansen, KC7???
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Chuck Mickley, KI7CL
Chuck Mickley, Jr.
Molly Borghorst

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Jack Smithson, KA7HOJ
Rick Doescher, N7SRN
Geno Buell, KA7KBH

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Walley Boleen, KC7TB
Bud Butterfield, KC7PS
Chuck Samuel, K7NWM
Stan Griffiths, W7NI

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Heather, Turner, KB7YFQ
Carolyn Howells, WA7SVV

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Bradley Beach, N7NVC
Al Berg, WB7SIC

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Jack Smithson, KA7HOJ
Carol Smithson

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Frank Boyle, KB7OMB
Buck Summers, WT7S

SEMINARS

TEchnology R.A.C.
Gene Single, K7IUN

TALK IN STATION

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Alene Linehan, KA7CXP
Gordon Lang, N7GCA
Dan Sealy, AA7OA
John Hankins, N7WRG

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Jim Fenstermaker, K9JF
Mike Gauland, AA7JF

BANQUET/FRIDAY PROGRAM

Bill Merwin, N7VZF

Steering Committee members in Bold type
Committee Chairmen underlined

LADIES PROGRAM

Ladies Hospitality Suite, Huntley Inn, Room 125

SCHEDULED HOURS

Friday, June 3	5 pm to 8 pm	Coffee, Conversation and Cards
Saturday, June 4	9 am to 5 pm	Coffee, Treats and Seminars
Sunday, June 5	9 am to 12 noon	Coffee, Treats and a Seminar

Special Feature

Manicures and Skin Care Consultation

Jane Crawford & Kathy Walter, Mary Kay Cosmetics
10:00AM to 4:00PM

Ladies Seminars

Saturday 9:30 to 11:00 am	Moving the "Spruce Goose" by the Evergreen AirVenture Museum.
Saturday 2:30 to 5:00 pm	"Make and Take It" Craft Fair. A variety of quick and easy crafts for all skills and ages.
Sunday 9:30 to 10:30 am	"Connections" , Cynthia Wall, KA7ITT, Author and SeaPac Exhibitor

LADIES LUNCHEON

Oceanview Best Western Seaside Room

Saturday 11:30AM - 2:00PM

Luncheon Menu: Chicken Bavarian

Tammy Donahue, Mrs. Lane County America
"Crossing the Threshold"

CONTRIBUTORS

Seaside Aquarium
Jane Crawford
Bear Wares

Phillips Candies
S.A.M. Associates
The Whales Tail
Mary Kay Cosmetics

Prize Drawing Information

Need Not Be Present

ICOM IC-707 HF Transceiver

ALINCO DR-600T Dual Band Mobile

YAESU FT-11R 2m HT

KENWOOD TH-42AT 440 HT

CUSHCRAFT R7 Vertical Antenna

Must be present

YAESU FT-5100 Dual Band Mobile

ICOM IC-2SAT 2m HT

KENWOOD TH-22AT 2m HT

ALINCO DJ-F1T 2m HT

STARTEK ATH-15 Frequency Counter

(NONE BY PROXY - YOU MUST BE PRESENT)

Need not be present prizes will be shipped to winners. The drawing time will be limited to one hour between 1 - 2PM Sunday. These prizes are purchased at or below cost from the dealers and manufacturers. We take this opportunity to express our appreciation. Good Luck

HOURLY AWARDS

Posted in the lobby and
on the stage for 2 hours
Those unclaimed will be re-issued

SPECIAL

Early Bird Award

MFJ-207 HF SWR Analyzer

ICOM IC-2GXAT 2m HT

Seminar

	Riverview A	Riverview B	Riverview C
	<i>Friday Afternoon, June 3</i>		
12:00 noon to 6:00 PM	<div> <div>SEE PAGES 15-18 FOR SEMINAR TOPIC DESCRIPTIONS</div> </div>		
	<i>Saturday Morning, June 4</i>		
9:30 AM	(2) Antenna Basics Part 1 Roy Lewallen, W7EL	(3) Electronic Troubleshooting Ed Hare, KA1CV	
11:00 AM	(6) Antenna Basics Part 2 Roy Lewallen, W7EL	(7) Introduction to DSP in Amateur Radio Jon Bloom, KE3Z	
	<i>Saturday Afternoon, June 4</i>		
1:00 PM	(10) Youth Forum Rosalie White, WA1STO	(11) Assembling an HF Station Dale Hunt, WB6BYU	(12) The IARU and You Rod Stafford, KB6ZV
2:30 PM	(15) Electronics Construction - Methods, Tools & Materials Emerson Hoyt, WX7E	(16) Direction Finding Techniques Jim Lenz, WB7SKC	(17) ARRL Forum Mary Lewis, W7QGP
4:00 PM	(20) On The Air At Last! Mary Lou Brown, NM7N	(21) Tower Basics Ken Kopp, KØPP	(22) The NEWSLINE Story Bill Pasternak, WA6ITF
	<i>Sunday Morning, June 5</i>		
9:30 AM	(25) Electronics Construction - Methods, Tools & Materials Emerson Hoyt, WX7E	(26) Beyond the G5RV Ken Kopp, KØPP	(27) RFI Seminar Electromagnetic Interference and the Radio Amateur Ed Hare, KA1CV
11:00 AM	(30) Beyond the 2m Repeater Rosalie White, WA1STO	(31) Audio Advantage for Transmitting & Receiving Ken Glanzer, K7GCO	(32) Electronic Troubleshooting Ed Hare, KA1CV

Schedule

Seaside A

Seaside B

Seaside C

Friday Afternoon, June 3

(1) Workshop

"Digital Signal Processing for Amateur Radio"

Jon Bloom, KE3Z

Saturday Morning, June 4

**(4) Amateur Radio
Emergency Com-
munications in Oregon**
Mike Dunlap, K7MYU

(5) An Introduction to Data Communications
Dr. Alan Chandler, K6RFK

**(8) Earthquake, Forest
Fires, Urban Firestorms**
Stan Harter, KH6GBX

(9) Packet Radio for Beginners
Jim Wagner, KA7EHK

Saturday Afternoon, June 4

**(13) 40 Days & 40
Nights: 1993 Floods**
Ned Worcester
KB7NFO

**(14) Intermediate Packet
BBS Usage**
Evan Burroughs, N7IFJ

**(18) Family
Preparedness for
Emergency Response
Volunteers**
Diane Merten

(19) Advanced Packet: The Future of TCP/IP
Johan Reinalda, WG7J

**(23) Navy-Marine
Corps MARS**
Pat Roberson, KG7HT

**(24) HF Radio Data Communication -
CW to CLOVER**
Ray Petit, W7GHM

Sunday Morning, June 5

**(28) Bipolar & FET
Power Amplifiers:
Common Myths**
Dan Peters NY6U

(29) Cancelled

**(33) Astronomy,
Computers &
Amateur Radio**
Young & Mikalow

(34) Packet Radio for Beginners
Jim Wagner, KA7EHK

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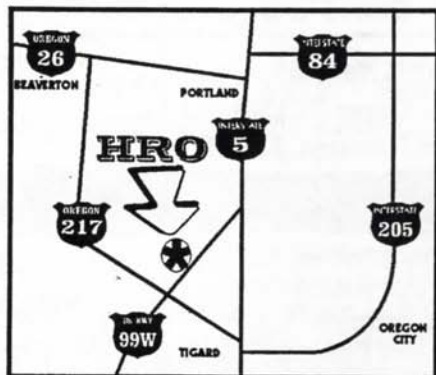
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Seminar Topic Information

The SeaPac 94 Seminar Program features 34 outstanding presentations by persons who are experts in their field, on topics which are both interesting and important to the amateur community. We believe you'll find them worth your while.

The program includes seminars in five topic tracks. Eight are dedicated to Beginners, 5 to Emergency Preparedness, 7 to Digital communications (mainly packet), 8 to Technical subjects not in one of the other tracks, and 4 to Organizational/General Interest subjects. One seminar in the Beginners track, one in Digital Communications, and one in the Technical Track are repeated Sunday morning.

New this year is a workshop on Friday from 12:00 noon to 6:00PM, given by Jon Bloom, KE3Z, Senior Technical Dept. Engineer at ARRL HQ. This workshop on Digital Signal Processing is designed for amateurs interested in studying this exciting new technique in more depth.

As before there will be opinion survey slips in each of the seminar rooms. Please fill these out with your comments and recommendations; it's important for us to know what you think.

- 1. Workshop: "Digital Signal Processing for the Radio Amateur" • Jon Bloom KE3Z, ARRL Senior Engineer .**
FRI 12 NOON to 6 PM Seaside A, B, & C
Seminar covers the fundamentals of DSP: discrete-time systems, sampling theory, digital filters, signal generation and detection, discrete and fast Fourier transforms. Includes applications of DSP to amateur radio, development tools, and review of available literature.
- 2. "Antenna Basics - Part I" • Roy Lewallen W7EL**
SAT 9:30 AM Riverview A & B
The fundamentals of antenna operation, for beginners and advanced antenna users, with some real surprises. Learn how to get 3 S-units of gain from a 3-element beam, how to get 1:1 SWR on all bands without a tuner, and more!
- 3. "Electronic Troubleshooting for the Radio Amateur" • Ed Hare KA1CV, ARRL HQ Laboratory Supervisor**
SAT 9:30 AM Riverview C (REPEATED SUN 11:00 AM Riverview C, Seminar 32).
Many hams are lost when their favorite piece of gear goes up in smoke or they need to track down an elusive electronics problem. Ed brings many years of bench troubleshooting experience to this 30-minute slide presentation, followed by a 30-minute Q & A session.
- 4. "The Organization and Structure of Amateur Radio Emergency Communications in Oregon" • Mike Dunlap K7MYU, Asst. SEC for Oregon; Oregon State RACES Radio Officer.**
SAT 9:30 AM Seaside A
This seminar discusses the mandate for amateur radio emergency communication from the standpoint of FCC Part 97, FEMA (RACES), and ARRL (ARES); creating a seamless emergency communication service; an introduction to Oregon ARES/RACES; and the future direction of ARES/RACES in Oregon.
- 5. "An Introduction to Data Communication" • Dr. Alan Chandler K6RFK**
SAT 9:30 AM Seaside B & C
Presents the technical development and history of data communication in amateur radio.

Seminar Topic Information

6. **"Antenna Basics - Part II" • Roy Lewallen W7EL**
SAT 11:00 AM Riverview A & B
Selected antenna topics, including vertical vs. horizontal antennas, effect of ground, baluns, and others.
7. **"Introduction to Digital Signal Processing in Amateur Radio" • Jon Bloom KE3Z, ARRL Senior Engineer**
SAT 11:00 AM Riverview C
A brief overview and description of digital signal processing, and its potential for amateur radio.
8. **"Earthquakes, Forest Fires, Urban Firestorms, and In-Between: The Daily Role of Ham Radio Operators", • Stanley E. Harter KH6GBX, Asst. Chief, Telecommunications, Off. of Emerg. Svcs., State of California; Chairman, FCC SECC, California.**
SAT 11:00 AM Seaside A
Amateur Radio participation in public safety communications in recent natural disasters. Lessons learned in the areas of management, training, operations, and technical aspects. Also discusses authority, insurance, legal issues, mutual aid, and ICS. The difference between Public Safety and public service.
9. **"Packet Radio for Beginners" • Jeff Freedman K7JF**
SAT 11:00 AM Seaside B & C (REPEATED SUN 11:00 AM, Seaside B & C, Seminar 34.)
The basics for hams interested in packet radio. Will discuss fundamentals, equipment, set-up, connecting, nodes, bulletin boards, and other topics.
10. **"Youth Forum" • Rosalie White WA1STO, ARRL Educational Activities Mgr.**
SAT 1:00 PM Riverview A
Young people will talk about the fun things they do in Amateur Radio. They'll tell how they became a radio operator, and about their excitement at making radio contacts. For licensed and unlicensed youths under age 17.
11. **"Assembling an HF Station" • Dale Hunt WB6BYU**
SAT 1:00 PM Riverview B
A beginner's guide to setting up an HF station, including equipment, antennas, and accessories. This session will have both discussion and practical demonstrations.
12. **"The IARU and You" • Rod Stafford KB6ZV, 1st Vice Pres., ARRL**
SAT 1:00 PM Riverview C
A discussion of the IARU/ITU and how each amateur is affected by IARU/ITU actions.
13. **"Much More Than 40 Days and 40 Nights... Experiences from the 1993 Flood" • Ned Worcester, KB7NFO, Disaster Computer Operations Officer, American Red Cross**
SAT 1:00 PM Seaside A
A ham working in a non-ham world and what he learned. Lessons and experiences from the 1993 Midwest flood.
14. **"Intermediate Packet - BBS Usage" • Evan Burroughs N7IFJ, Head, Packet Operations, Oregon State EOC RACES Unit.**
SAT 1:00 PM Seaside B & C
What all those commands do, and how to use them.

Seminar Topic Information

15. **"Electronics Construction - Methods, Tools, and Materials" • Emerson Hoyt WX7E, Dir. of Engrg., Hoyt Instr. Labs.**
SAT 2:30 PM Riverview A (Repeated SUN 9:30 AM, Riverview A, Seminar 25.)
Various types of electronic project construction will be discussed, with both slides and actual samples. Tools, hardware, and materials will also be discussed, with some display samples.
16. **"Direction Finding Techniques and Tall Tales" • Jim Lenz WB7SKC and others**
SAT 2:30 PM Riverview B
A panel discussion on DFing: American and European styles, techniques, and equipment. A bunny hunt will follow at 4:00 PM.
17. **"The ARRL Forum" • Mary Lewis W7QGP; Rod Stafford KB6ZV, ARRL 1st VP.**
SAT 2:30 PM Riverview C
A discussion of current issues relating to our hobby on the national, international, and organizational scene, with emphasis on youth programs.
18. **"Family Preparedness for Emergency Response Volunteers" • Diane Merten, Chairman, Benton County Emergency Management Council.**
SAT 2:30 PM Seaside A
This seminar describes the considerations and preparations for the physical and emotional well-being of the families of radio amateurs who volunteer for initial response duty.
19. **"Advanced Packet Radio - The Future of TCP/IP" • Johan Reinalda WG7J.**
SAT 2:30 PM Seaside B & C
A discussion about current and future topics in amateur packet radio, such as graphical interfaces, new open standard, TCP/IP, etc.
20. **"On The Air at Last!" • Mary Lou Brown NM7N.**
SAT 4:00 PM Riverview A
A seminar discussing making the first contact, general operating hints for HF and VHF/UHF, band plans, do's and don'ts of DX pile-ups, repeater and simplex operation, and personal safety.
21. **"Tower Basics" • Ken Kopp KØPP.**
SAT 4:00 PM Riverview B
If you plan on erecting an antenna tower, this is the seminar to attend. The planning, construction, and erection procedures with all appropriate safety concerns will be discussed.
22. **"The NEWSLINE Story" • Bill Pasternak WA6ITF.**
SAT 4:00 PM Riverview C
The story of how the all-volunteer group of professional journalists formed NEWSLINE and put the service on the phone for repeaters worldwide. Includes historic slide show.
23. **"An Introduction to Navy - Marine Corps MARS" • Pat Roberson KG7HT /NNNØLEW and others.**
SAT 4:00 PM Seaside A
A discussion of Navy-Marine Corps MARS, its mission and activities.
24. **"HF Radio Data Communications - CW to CLOVER" • Ray Petit W7GHM.**
SAT 4:00 PM Seaside B & C
A presentation by the inventor of CLOVER giving an overview of the HF data modes with emphasis on CLOVER. Discussion of wave forms and bandwidth, coding error detection and correction, ARQ formats, throughput, and data integrity. Includes demonstration of CLOVER.

Seminar Topic Information

25. **"Electronics Construction - Methods, Tools, and Materials" • Emerson Hoyt WX7E.**
SUN 9:30 AM Riverview A.
REPEAT of Seminar 15.
26. **"Beyond the Mail-Order G5RV" • Ken Kopp KØPP**
SUN 9:30 AM Riverview B
A brief discussion of the G5RV antenna, followed by a presentation of alternate simple antennas that work well. Includes coax cable application suggestions, and hands-on connector installation.
27. **"RFI Seminar - Electromagnetic Interference and the Radio Amateur" • Ed Hare KA1CV, ARRL HQ Laboratory Supervisor.**
SUN 9:30 AM Riverview C
EMI is a problem which affects hams and their neighbors alike. This slide presentation gives an overview of the politics, personalities, and technical issues, and outlines the standard causes and cures. With Q & A session.
28. **"Bipolar and FET Power Amplifiers: Common Myths" • Dan Peters NY6U, Owner, Falcon Communications.**
SUN 9:30 AM Seaside A
A simplified discussion of common misunderstandings concerning power amplifiers.
29. **Cancelled.**
30. **"Beyond 2m Repeaters" • Rosalie White WA1STO, ARRL Educational Activities Mgr.**
SUN 11:00 AM Riverview A
New hams will take home informational handouts about meteor scatter, EME, mountain-topping, and other exciting activities to be done on VHF and UHF.
31. **"The Audio Advantage for Transmitting and Receiving" • Ken Glanzer K7GCO.**
SUN 11:00 AM Riverview B
Describes techniques for enhancing and increasing your transmitted signal strength 10+db. Also discusses how to remove all types of noise (QRM, QRN) on receive. Describes receiver audio improvements for greater intelligibility.
32. **"Electronic Troubleshooting" • Ed Hare KA1CV.**
SUN 11:00 AM Riverview C
REPEAT of Seminar 3.
33. **"Astronomy, Computers, and Amateur Radio" • Jim Young WB6FNI, Resident Astronomer, Table Mt. Observatory and Sandy Mikalow K7OOZ, Chairman of Board, NW Astronomy Group.**
SUN 11:00 AM Seaside A
Discusses the use of Amateur Radio and computers in cooperative efforts between professional and amateur astronomers. Describes the Vernonia Peak Observatory project, and includes a 25-minute slide show.
34. **"Packet Radio for Beginners" • Jim Wagner KA7EHK.**
SUN 11:00 AM Seaside B & C
REPEAT of Seminar 9.

5th Annual Ham of the Year and Club of the Year Awards

SeaPac will present the fifth annual awards for the outstanding amateur radio operator and the outstanding club at the Grand Awards Presentation on Sunday, June 5th at 1:00PM

1994 SeaPac Ham of the Year

Mike Dunlap, K7MYU

Mike has been a ham for 34 years and holds an extra class license. He is a Past President of the Salem ARC. Mike is the Assistant SEC for the Oregon Section and Oregon State RACES Radio Officer.

Mike is amateur radio coordinator for the Oregon State Police Office of Emergency Management where he has led development of standards for emergency communication to promote cooperation between ham radio and government.

Under Mike's leadership, Oregon ARES District 0 has grown to 30 members, trains hams to improve their emergency operating technique, and established a primary Emergency Operating Center.(EOC) at the State EOC and two remote EOC's to help reduce traffic load.

Mike is currently a professor of computer sciences at Willamette University where he has been Elmer to many students. He enjoys bunny hunting, has designed and built his own antennas and has participated in numerous public service events.

1994 Club of the Year

KENO AMATEUR RADIO CLUB

Keno ARC has done it again! They were the SeaPac Club of the Year in 1992. Northeast of Keno is the well-known suburb of Klamath Falls. The Club has 30 members, 15 of which are ARRL affiliated. Very impressive for an unincorporated town.

The Club sponsors a repeater on 147.32 MHz. They promote public awareness of ham radio by having their Field Day in a public place. They provide communications for many public events each year and work with the Boy Scouts.

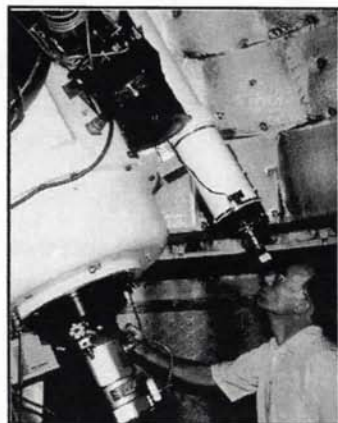
Each year local 5th and 6th graders are invited to the home of the Club president to watch a ham radio video, operate the station and review Archie's Ham Radio Comic Book. They also have a copy of World Radio sent to the library.

Keno ARC has integrated with the local Lions Club and Garden Club to help beautify their city. They furnish financial support to the community newsletter and in November and December they donate food and funds to the Food Bank.

The Club continues to maintain a relationship with Otsuke, Japan ARC located in Kochi Prefecture on Shikoku Island. Six Club members have been invited to visit Otsuke as guests of the club this August. Tom Hamilton, WD6EAW will tell us all about it at the Awards presentation.

Banquet Program

"A Tour of the Universe"



Jim Young

Jim Young, WB6FNI, is the Resident Astronomer at Table Mountain Observatory, Table Mountain, California. Jim has worked for Jet Propulsion Laboratories for over 30 years in the Earth and Space Sciences Division. Jim will present a color slide show that guides the audience from the earth's environment, and the exploration of the Solar System to the vast beauties of the Universe.

Jim was first licensed as a Novice in 1956 and currently holds an extra class license. He is a life member of ARRL, QCWA, and Heard

Island DX Association (Australia). Since 1987 Jim has served as Secretary of the Triple "H" Net, an international amateur radio group. During a 1991 ascent of Mt. Whitney he was instrumental in saving a man's life using amateur radio while on the summit.

Master of Ceremonies

Greg Milnes, W7AGQ

Greg was first licensed in 1955. In the mid-60s, he operated W7AGQ/4 from Virginia and was a staff attorney with the Broadcast Bureau of the F.C.C. in Washington, DC. He returned to 7-land in 1967. Greg became Judge Milnes in 1969 and is currently a Circuit Court Judge for Washington County, Oregon.

Greg operates mostly HFDX. He currently runs an ICOM 751, Heath 201 and after a two-year building project with W7NI, now has the "son of Big Bertha amplifier (2 x 4-1000As). Greg is a member of ARRL (past Assistant Director), QCWA, DXCC, FARS, Willamette Valley DX Club and OTVARC (past president and director).

ARRL Guests

Rod Stafford, KB6ZV, First Vice President
Mary Lewis, W7QGP, NW Division Director
Rosalie White, WA1STO, Educational Activities Manager
Ed Hare, KA1CV, Laboratory Supervisor
Jon Bloom, KE3Z, Senior Engineer

Westlink Report

Young Ham of the Year Award

The Westlink Young Ham of the Year Award for 1994 will be presented at the Sea-Pac Banquet. The award program, now entering its ninth consecutive year, is presented annually to a licensed Radio Amateur who is 18 years of age or younger and who has provided outstanding service to the nation, his community or the betterment of the state of the art in communications through Amateur Radio.

The young ham award program was conceived in 1985 by Westlink Report's then Managing Editor **Bill Pasternak, WA6ITF**, in order to highlight the accomplishments of the nation's many young radio hobbyists, and to encourage the entry of more young people into the exciting and rewarding hobby of Amateur Radio. This fun and real-life experience, it is hoped, will lead many into careers in the sciences and technologies.

The 1994 award recipient is Allison Zettwoch, KD4CKP of Louisville, Kentucky.

Corporate underwriting comes from Yaesu U.S.A. Corporation. Yaesu is a world leader in the design, manufacture and distribution of high quality amateur radio and commercial two-way radio equipment. The continued support of this award by Yaesu has been well-received within the amateur radio fraternity.

On hand to present the 1994 award will be **Bert Hicks, WB6MQV**, of Westlink Report, **Harold Christensen, KG7NB**, of Yaesu, and **Bill Pasternak, WA6ITF**, of Newsline.

The Westlink Report is amateur radio's premier semi-monthly news and information newsletter with a subscription base worldwide. A founding member of the Ham Radio Business Council, it is published in Canyon Country, California, and is the oldest publication of its kind in the United States.



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RAGS Test Bench

As a service to flea market buyers, the Radio Amateurs of the Gorge (RAGS) will have a test bench on the west side of the exhibit area. Test equipment will include a power supply, speaker, voltmeter, frequency counter, oscilloscope and watt meters. Buyers and prospective buyers are encouraged to make use of this service to check out those flea market treasures and unbelievable bargains.

Of course, neither RAGS nor SeaPac can accept any responsibility for the condition or operability of any equipment, nor can we be held culpable for any equipment damaged as a result of the use of this equipment.



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Hamfest Calendar

Spokane Hamfest

June 18-19, 1994

Interstate Fairgrounds Annex 1 Opens 8:00AM

Contact Ivan Brown (509) 489-2667

Glacier-Waterton Hamfest

July 15 - 17, 1994

ARRL Montana State Convention

Three Forks Campground, East Glacier MT.

Contact Darrell Thomas, N7KOR (406) 453-8574

Southern Oregon Coast Hamfest

July 23, 1994 Saturday 9:00AM-5:00PM

Junior High School, North Bend, Oregon

Contact Coos County Radio Club,

For more information

PO Box 3494, Coos Bay, OR 97420

Call (503) 396-4479

Northwest DX Convention

July 22-24, 1994

Richmond Inn Richmond, BC Canada

Contact BC DX Club, PO Box 3040, Blaine, WA 98230

WIMU Idaho State Convention

August 5-7, 1994

West Bank Inn Idaho Falls, ID

Contact Robin Stewart (208) 529-5157

Longview Fleamarket

August 20, 1994

Lower Columbia ARC Cowlitz County Fairgrounds

Walla Walla Hamfest

September 17-18, 1994 8:00AM - 4:00PM

Milton Freewater Community Center

Potluck Sunday Noon Drawing 1:00PM

Contact Jack Babbitt, WA5ZAY (509) 525-7003

Rogue Valley ARC SwapMeet

October 8, 1994 9:00AM -4:00PM

North Medford High School, Medford, OR

Contact RVARC, 1707 E Main, Medford, OR 97504

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