



The Repeater

Next Club Meeting
 Thursday,
 May 2, 2013, 7:00 PM
 Red Cross Building,
 60 Hawthorne St., Medford, OR
 Across from Hawthorne Park

Program: Field Day 2012
 in Pictures

Volume 2013, Issue 5 May 2013

Jeff Statchwick	W7KNX	(541) 951-0488	w7knx@arri.net	President
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Club Web Page:			http://www.qsl.net/w7dta	

President's Letter

It looks like we're finally going to get some nice weather which means it's time to get out and repair any antenna damage or maybe work on that antenna project you've been thinking about all winter. If anyone needs help with an antenna or tower project let me know and we will arrange some help.

The field day committee recently met to discuss field day plans. We have received our special event permit from Jackson County to use Table Rock Park again. It looks like we will be 2A this year with one phone station, one CW station, one GOTA station and one VHF station.

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The Repeater is the official newsletter of the Rogue Valley Amateur Radio Club, Inc. It is published 10 times a year—once per month excluding July and August.

Secretary's Report

Called to order at 1900 PDT by Jeff Statchwick, W7KNX.

Visitors and some recent members introduced themselves:

- Jack, N7BWG
- Larry, N7QDB
- Bob, N7RBP
- Bob, W7HNV (Bob is a new member)
- Max, KG7BRR
- Tim, W7FPS

The passing of Ed Vaughn, K6YLO was noted. The passing of Mary Lewis, W7QGP was also noted.

Lud Sibley reported that the Bank balance is currently \$4130.83.

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President's Report, Cont'd.

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I would like to encourage everyone to consider participating in field day in some way this year. Even if you just come out for awhile to socialize. There will be opportunities for anyone who desires to operate one of the stations. If you're an inexperienced or new operator this is a good opportunity to get your feet wet and make a few contacts. Or maybe you have time to come out and help with setup and/or teardown. So mark June 22nd and 23rd on your calendar and plan on getting involved with field day in some manner.

Speaking of field day we will have a slide show presentation at our May meeting reviewing field day 2012.

I hope to see you all there.

73,

Jeff W7KNX

February Memberships Lost in the Mail

If you joined or paid for your club membership at the February 2013 club meeting, please see our club treasurer, Lud, at any upcoming meeting. We had a substitute treasurer at that meeting. He mailed all the memberships, checks and forms to Lud, but the mail never made it from Bob to Lud.

We'll make it right—just let us know.

Secretary's Report, Cont'd.

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Scott Cummings asked if the club call would be put on LOTW. Tom N5EG, the trustee, said he would take care of it.

Field Day committee has a planning meeting at N5EG QTH on Saturday, April 13th. Time 2:00 PM

The final (of three) permits has been OK'd for the club to use the Bear Creek park for Field Day. per Jeff W7KNX

Joe AF7GN had several items as the club PIO:

- 18 April is World Amateur Radio Operator day--encourage to get a club presence in public places on the air that day.
- The club brochure is being reworked. It was passed around for comment. Joe made a motion, seconded by Jeff, to pay for printing 150 club brochures - single page double sided. Passed on voice vote.
- A tech class begins soon; a general class is being planned for June; special topics for the Extra license are being planned for a future date.

Break for cookies etc.

The presentation for the evening was given by Rob Locher, W7GH of the Grants Pass club. Topics were WSPR and then the Arduino microprocessor board/system.

Everybody went home about 2100 PDT.

Allan Taylor, K7GT

Amateur Radio for Now and the Future
By Joe Gunderson AF7GN, PIO

We have a very large class (total of 13 Students) who are excited to learn to be Hams. We have 2 young adults, and 4 women which is fantastic. Also in the class are 2 Techs auditing the course for preparation for the General Class License. The Smullin Center is working out fantastic.

I am in the process of setting up time for the next class which will be the General Class License. This class will run June through August for a total of 10 classes over 12 weeks. The dates won't be finalized until mid-May. I am currently revising the old power point presentation I found so that it is current with latest updates. But I need to know as soon as possible who wants to commit to this class. I have been in contact with Don in JCARES to put the word out to his group. We have a limited amount of space, but we do not wish to deny anyone a chance at this class. If necessary we will run 2 classes each day. But that entails getting a couple of volunteers to be instructors, because I surely do not wish Dale N7IXS or Ryan KD7RQ to burn out. So if you wish to help, please call or email me.

Field Day, I have updated the list of dignitaries and have written and printed the individual invitations to this event for them (I am not a typist so this is painfully tedious as hunt and peck is my default, especially when you keep losing peck). Log Books have been ordered, Ads are being formulated for the press, the new Club Brochure has been roughed out for approval by the membership.

I have also prepared the handouts about how Amateur Radio can lead to careers or augment them for the Jr. Achievement Program for the Medford School District. And I am still working on the RCC handout.

In I know something you don't know yet department, I have been secretly working on a project for the club that I hope to unveil at the June meeting. Nothing like a little mystery to bribe you to attend a meeting.

Trivia Fun Fact: WA6BND (call lapsed) Stephen G. "Steve" Wozniak, inventor, computer engineer and programmer, Co-founder of Apple Computer in 1976. He earned his ham license in 6th grade. Gives credit to "Tom Swift" novels and ham radio as strong influences in his early life.

Until next time - 73

Field Day 2013

We had a field day planning meeting on Saturday, April 13th to discuss what entry category and transmitters that we want to run, and to coordinate radios, antenna, tents, and food. One of the assumptions we made turned out not to be correct, and so we will need to adjust our plans a little. In the next issue of *The Repeater*, and at the next club meeting, we'll have more details on our planned Field Day 2013 effort for the RVARC.

7QP—7th Area QSO Party

RULES

The 7th Call Area QSO Party will be held on Saturday, May 4, 2013 Pacific Daylight Time. The contest runs 1300 UTC Saturday to 0700 UTC Sunday (6 AM to midnight PDT the first Saturday in May).

7th call area stations work everyone, others work 7th area stations only. Work stations once per band/mode. 7th area mobiles (and those participating in other concurrent QSO parties or contests) may be worked again as they enter new counties.

Entry categories:

- Single-op: high-power, low-power <150W, QRP <5W; CW, Phone, Digital, Mixed
- Multi-single (including assisted single-op, e.g., using spotting network): High, low and QRP
- Multi-multi. No differentiated mode or power levels
- 7th-area County Expedition (an operation from a temporary location using antennas installed for the contest period, using temporary supports or trees): single-county, county-line; single-op, multi-single, multi-multi
- Mobile (station must be self-contained and capable of motion): single-op (one person, unassisted, performs all operating, logging and driving functions and, for safety reasons, should operate only while parked), multi-single (any other mobile operation); high-power, low-power, QRP; CW, Phone, Digital, Mixed

Awards: Certificates will be awarded to the top three finishers in each category within and outside the 7th call area, plus the top finisher in each state/province and 7th area county; a 25-QSO minimum applies. See the web site for a list of plaques to be awarded.

Exchange: 7th area stations send signal report plus 5-letter state/county code (e.g., ORDES; see list). County-line stations send multiple codes, e.g., UTRIC/IDBEA (state code needed only once, e.g., ORDES/JEF). Non-7th-area stations send signal report plus state/province/"DX" two-letter codes. Stations in other QSO parties send their appropriate exchange. The 13 "Provinces" are VE1-9, VO and VY0-2. County-line contacts may be logged with one entry showing all counties or with separate entries for each county.

Bands: 160, 80, 40, 20, 15, 10, 6 and 2m, simplex only. Suggested operating frequencies: 1815 and 40 kHz up on CW, except on 40m, where 7025-7035 is suggested; 1845, 3855, 7180, 14255, 21355 and 28455 on SSB; 3580+, 7035+, 14070+, 21070+ on PSK; 3585+, 7038+, 14075+, 21075+ on RTTY. Check 80m at 0500Z, 160m at 0530Z. All CW and Digital contacts must be in the CW/Data sub-bands.

Scoring: 2 points per SSB QSO, 3 points per CW or Digital QSO. County-line contacts count as multiple QSOs for both stations. 7th area stations multiply QSO points by the total of states (50), provinces (13) and other DXCC entities (maximum of 10). Non-7th-area stations multiply QSO points by 7th area counties worked (259).

Logs: All logs must be received by June 1; logs containing more than 40 QSOs must be submitted electronically via email or floppy disk. Send logs to 7qplogs@codxc.org -- include the station callsign in the email "Subject" line. Cabrillo preferred (7QP details here) but any plain text format will be accepted. A web form is available for online Cabrillo log-file generation and submission. Be sure your entry includes name, ad-

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7QP, continued

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dress and/or email address, station callsign, entry category, location code(s) and operator callsigns (if Cabrillo, they should appear within the Cabrillo attachment itself; the log processor ignores the rest of the message). Send paper logs with a completed summary sheet to 7th Call Area QSO Party, c/o CODXC, 61255 Ferguson Rd, Bend, OR 97702. Check to make sure your callsign, with correct entry category, appears on our web site's Received Logs page -- normally within two days of receipt.

Other: All equipment and antennas must lie within a 1000-foot diameter circle. County-line operations must be within 500 feet of the county line. Any computer-to-computer mode is considered digital. The same station may be worked on each band on CW, Phone, and Digital. All contacts must be made without using repeaters, digipeaters, satellites, etc. Only one entry per callsign (can't do, e.g., mobile and expedition entries).

Help: On the web site at <http://7qp.org> are these complete rules; lists of county names and abbreviations; state/county maps; county sign-up sheet; summary sheet; state coordinators; logging-program info and configuration files; list of plaques and donors.

One Saturday, 3 QSO Parties

Coincident with the 7QP, there are several other QSO parties on the 4th of May. The New England QSO Party, and the Indiana QSO Party are held.

When you make contacts for the 7QP—be sure and log the states and counties of the stations you contact. Many recent logging programs understand the concept of working a station and having it count for two different contests at the same time.

Rules for the New England QSO Party:

Object: To contact as many New England stations (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont) in as many New England counties as possible on 80-40-20-15-10m. (New England stations work anyone)

Date: First full weekend of May (May 4-5, 2013)

Contest Period: 2000Z Saturday until 0500Z Sunday (4pm EDT Saturday until 1am EDT Sunday) and 1300Z Sunday until 2400Z Sunday (9am EDT Sunday until 8pm EDT Sunday).

Categories: Single-operator high power, low power(150w or less) and QRP(5w or less) categories, plus multi-operator, single transmitter. Same four categories for mobiles. Single-operator stations using assistance during the contest (packet or Internet spotting nets, etc.) will compete in the multi-single category.

Contest Exchange: Send signal report and state/province (DX stations send signal report and "DX"). New England stations send signal report, county and state.

Valid Contact: Work New England stations

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May 4th—three state QSO parties the same weekend

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once per band/mode. New England stations work anyone (and must copy the county for New England stations worked. CW contacts must not be made in the phone band segments. Mobiles that change counties are considered to be new stations, and can be worked for both multiplier and QSO Point credit. County line QSOs should be logged as two separate QSOs. Crossmode, cross-band and repeater QSOs are not permitted. QSO Points: Count one point per phone QSO, two points per CW (includes digital modes) QSO.

Multiplier: Stations outside of New England use counties as multipliers for a total of 67 (CT/8 MA/14 ME/16 NH/10 RI/5 VT/14). New England stations use states(50)(Count DC as MD), Canadian provinces(14) and DXCC countries as multipliers.

Scoring: Total score is QSO points times the multiplier. Mobiles count QSO points per county and multipliers from all counties (counted once).

Suggested frequencies: CW - 3540 7035 14040 21040 28040, SSB - 3850 7280 14280 21380 28380. ** Now that the broadcast stations are mostly out of 7125-7200, try 7180 on 40m SSB.**

Reporting: Logs should indicate times in UTC, bands, modes, calls and required contest exchange. All stations include your club's name in the log header or summary. Entries must be submitted within 30 days and sent to NEQP, P.O.Box J, West Suffield CT 06093 or via e-mail to logs@neqp.org (Cabrillo format preferred).

Awards: Certificates will be awarded to the top scorers (25 QSO minimum) in each New England county, U.S. state, Canadian province and DXCC country. A number of special plaques will also be awarded to top

scorers (check the Web site for a current list).

More information: The New England QSO Party Web site is at <http://www.neqp.org>. Check there for information on planned fixed-station and mobile activity from New England counties, contest software information, county abbreviations, plaques to be awarded and information on New England state county awards. NEQP results will be posted on the web site when they are complete. Questions can be addressed to info@neqp.org.

Indiana QSO Party Rules

Objective: For Amateurs worldwide to contact as many stations in Indiana as possible on the 160, 80, 40, 20, 15 and 10 meter Amateur bands.

Date and Contest Period: Contest starts at 1600 UTC Saturday and ends at 0400 UTC Sunday the first full weekend of May. (Saturday noon to midnight EDT or 11am to 11pm CDT.) For 2013, this is May 4-5. All stations may operate the full 12-hour period.

Entry Categories:

- Single-operator (High Power, Low Power or QRP). One person performs all logging, spotting, and operating functions.
- Low Power is transmitter output of 100 watts or less.
- QRP is transmitter output power of 5 watts or less.
- Multi-operator single transmitter (Multi-Single). Only one signal is permitted on the air at any time.
- Multi-Operator Multi-transmitter (Multi-Multi). Fixed stations (only) may operate without limit on the number of operators, transmitters or signals per band.
- Mobile. Mobile is defined as a self-

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May 4th—three state QSO parties the same weekend

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contained single or multi-operator station, capable of legal motion (land, water or air), motion optional. A mobile station that at any time uses a larger antenna incapable of being used in motion is considered a rover (see below).

- Portable. A single transmitter station set up in a temporary location with temporary antennas (Field Day style). Portable stations may be either single or multiple operator.
- Rover. A portable, or a mobile station using larger (non-mobile) antennas, that operates from more than one location.
- A portable station may move (in entirety - antennas included) to a new county or county line, thereby becoming a rover.
- Rover stations may be worked again when they change counties (same as mobile stations).
- Operation while mobile is permitted.

A county line mobile, portable, or rover may operate from only one or two counties at a time. In other words, three and four county operations are not allowed.

Multi-Multi entrants may transmit any number of signals simultaneously. All others may transmit only one signal on the air at any given time.

There is no "Assisted" category. Therefore, stations using spotting assistance shall enter as Multi-Single or Multi-Multi. Self-spotting is not permitted. Fixed stations must enter as Single-operator, Multi-Single or Multi-Multi only.

Contest Exchange:

Indiana stations send RS(T) plus Indiana county.

Non-Indiana stations in the USA and Canada send RS(T) and state, province or territo-

ry.

All others (DX) send RS(T) only or RS(T) plus "DX".

Scoring: QSO points:

Count one point for each complete two-way phone QSO.

Count two points for each complete two-way CW QSO.

Stations may be worked once in each mode (CW/phone) on each band (160, 80, 40, 20, 15, 10). Exception: Mobile and rover stations may be worked in each county of operation. Stations on county boundaries may be worked for multiple county credit (stations need not physically move to declare a new county). Contacts with such stations should be logged as multiple QSOs. For example, a contact with a mobile parked on the boundary between two counties should be logged as two QSOs, one for each county.

Non-Indiana stations may work only Indiana stations. Multipliers: Non-Indiana stations: The 92 Indiana counties (see Section 9). Multipliers count once per mode (i.e. once on CW and once on phone).

Final Scoring:

Multiply QSO points by total multipliers.

Log Submissions:

Computer generated logs must be submitted as an ASCII text file with Cabrillo format strongly preferred. Logs may be sent via e-mail to inqp@hdxcc.org. Please name both the log file and your summary sheet file with your call, All entries (including paper logs) must include a summary with at least the following information:

- Call sign used for INQP
- Names and Call signs of all operators
- Mailing address
- Entry Category (Single-Op entries must specify power level: High/Low/QRP)

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RVARC Dues are Due

RVARC membership dues run from January 1 through December 31. Please bring cash or a check payable to RVARC to a club meeting, or mail (checks only) to:

RVARC Membership
c/o 102 McDonough Rd.
Gold Hill, OR 97525-9626

Regular Member:	\$20.00
Senior Member (62 and over):	\$15.00
Family Member:	\$20.00
Student Member:	\$10.00

NE + Indiana QSO Parties

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- The QTH of the operation (e.g., Indiana county, State or Province)

Note that Cabrillo format logs normally have this information (and more) in the log header, and in that case, there is no need for a separate summary sheet. Log deadline: June 15, 2013. See www.hdxcc.org/inqp for counties, abbreviations, etc.

Amateur Radio Examinations

In the Rogue Valley, amateur radio exams are provided by the RVARC and the SOARC. New exam participants need to provide identification, while upgrading amateurs need to **provide a copy of their current license** as well as show identification. The exam fee for 2013 remains \$15.00. All license candidates must provide a picture ID. Upgrading amateurs must also provide a photocopy of their current license to send in with their application. To search for other exam locations, see:

<http://www.arrl.org/arrlvec/examsearch.phtml>

Medford—Phoenix, OR

Time: Saturdays, 8:30 AM. Exam session starts at 9:00 AM. Walk-ins welcome.

Location: Fire District 5 HQ. 5811 South Pacific Highway, Phoenix, Oregon 97535

Dates 2013: June 22 Oct 26

Contact: Don Bennett, Email: kq7bp@rfwarrior.com Phone: (541) 973-3625

Grants Pass

Time: Arrive 6:00 PM. Exam session starts at 6:30 PM. Walk-ins welcome.

Location: Fruitdale Grange. 1440 Parkdale Dr., Grants Pass OR 97527-5288

Dates 2013: May 17 Aug 23 Nov 15

Contact: John Stubbe, K7VSU, email: K7VSU@arrl.net, Phone: (541) 218-2244

Next Club Meeting

May 2, 2013, 7:00 PM

Red Cross Building, 60 Hawthorne St., Medford, OR

Across from Hawthorne Park

Program: Field Day 2012 in Pictures