

SQUAKBOX

Issaquah Amateur Radio Club

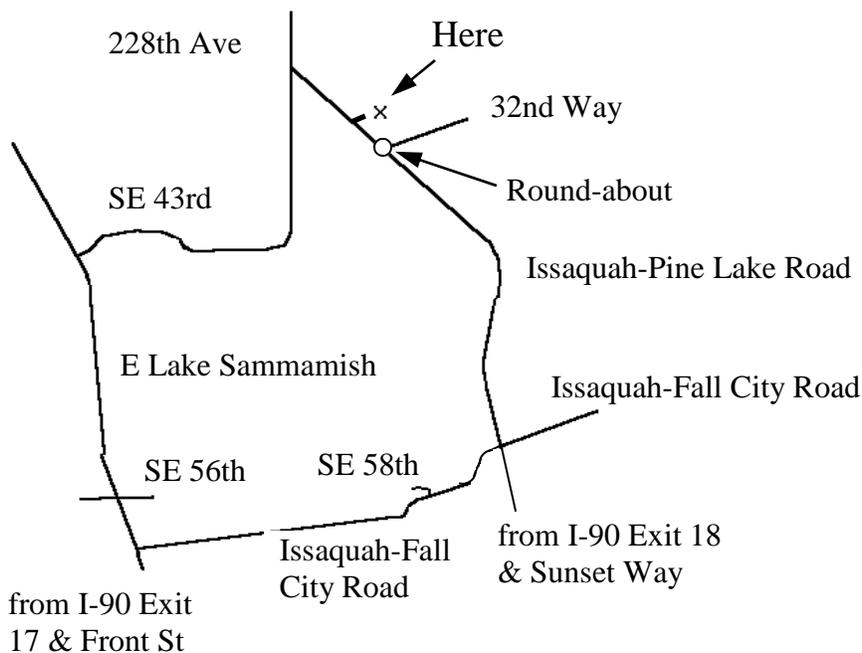
Volume 32, No. 7

Issaquah, Washington

July 2010

Field Day Special Issue

We will be holding Field Day exercises at the Sunny Hills Elementary School again this year. That is on Saturday June 26th and Sunday June 27th. For the new people, the address is 3200 Issaquah-Pine Lake Road. Here is a map.



We will NOT be setting up on Friday this year. We decided that with the antennas we have planned, we can do all the setup on Saturday morning.

In the morning, plan to arrive about 8:00 - 8:30 AM. There is still much to do to get antennas

and radios hooked-up and tuned up. Our goal is to be all ready so we can get on the air at 11:00 AM. We will then stay in operation until 11:00 AM Sunday morning. We get to operate for 24 hours, so if we are late starting, we can continue until we

reach the limit. However, since most every other station is doing the same thing, the available contacts go almost to zero after 11:00. So we try to do the best we can.

See you Saturday. - S

ARRL Field Day Merchandise Now Available

How can you be the best-dressed ham at your Field Day site this year? When you wear the official 2010 ARRL Field Day shirt -- accompanied by the 2010 ARRL Field Day hat -- of course! Field Day -- Amateur Radio's largest on-the-air operating event -- is just a little more than five weeks away, so be sure to get your shirts, hats and pins, as well as the new ARRL Field Day Handbook for Radio Amateurs and coffee mugs before they run out. Field Day shirts are offered in sizes Small-4XL and are royal blue with the 2010 Field Day logo on the left chest; the back of the shirt says "Amateur Radio - Goodwill, Service, Fun!" with www.arrl.org underneath. Fulfill all your Field Day apparel needs at the Field Day Supplies section of the ARRL Web site. - ARRL Letter, May 20, 2010 - S

At the last meeting . . .

June 2, 2010

The meeting was called to order by President Bruce KG7OI followed by introduction of member and guests. There were 18 present.

Flash N7TCX reported that the HGSG had met last month at IPD and several people brought in their "Go Kits" to show the group. There was discussion of what they contained and why. The plan was to then show how to best install magnet mount antennas and set up for "ride along" with an IPD officer. However, officers were all on calls and could not get free for the demonstration.

Mike KF7BIG reported on the "5th Saturday" state wide event and indicated they were able to setup and get on the air outside the IPD building and made several contacts with other participating stations. Announcements: SEAPAC is coming up next weekend.

Old Business:

Committee to look at our WEB site (Gerard WT0F, Mike KF7BIG and John KA7TTY) has not yet been able to get together. We are still planning to meet soon.

A Navy ship is being named after Howard Lorenzen (SK, W7BI). It is expected to be launched later in June (17th). Lynn N7CFO is gathering background info and photographs for a press release.

There was no new business.

The meeting was suspended at 7:50 with a short break and program to begin at 8:00.

Program:

Field Day Preparations

Setup will be different this year. All stations including Phone will be outside on tables this year. We will be operating on batteries again. We discussed a GOTA station and finally decided to let Gabe AJ4AD bring equipment and make a setup. Mike will bring tables. Bruce will bring BBQ ribs and chicken for Saturday night dinner, John will bring muffins and coffee for Sunday breakfast. We will be using 2 ICOM IC-7000s (courtesy of Gerard WT0F) for HF voice and digital with our traditional "V" beam and a G5RV vertical, and

(Continued on page 3)

FCC Proposes Additions, Changes to Amateur 5 MHz Allocation

Acting on a 2006 Petition for Rulemaking filed by the ARRL, the FCC has issued a Notice of Proposed Rule Making (NPRM), ET Docket No 10-98 to modify the rules that govern amateurs' secondary use of five channels in the 5 MHz frequency range known as 60 meters. The proposed changes would substitute a new channel for one that is seldom available because of occupancy by the fixed service, which is primary in this range. Also proposed is an increase in power from 50 to 100 W effective radiated power (ERP) and the addition of CW, PSK31 and PACTOR-III modes with provisions to ensure that such operations would be compatible with the

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Roster Corrections

OK. Here we go. Please make the following corrections to the Roster we handed out last month.

Joseph Decuir: jdecur@iee.org
Barry Hansen:
barry.hansen@gmail.com
Sandra Howard: KE7LXP

- S

2010 IARC Officers

President

Bruce Helbert (KG7OI) - (425) 391-6828 (Sammamish)

Vice President

Gerard Hickey (WT0F) - (425) 395-4554 (Issaquah)

Secretary-Treasurer

Rod Johnson (WE7X) - (425) 392-8497 (Issaquah)

W7BI Trustee

Rod Johnson (WE7X) - (425) 392-8497 (Issaquah)

5 MHz Cont.

primary service. The proposed changes can be found beginning on page 8 of the NPRM.

“The ARRL is pleased that the Commission has opened this proceeding to increase the usefulness of the limited 5 MHz Amateur Service allocation,” said ARRL Chief Executive Officer David Sumner, K1ZZ. “We are gratified that the Commission and the NTIA agree that the responsible manner in which amateurs have been using the five USB channels warrants some expansion of privileges so that the Amateur Service can be even better prepared for service to the public.”

Background

The 60 meter band is part of the larger 5060-5450 kHz band that is allocated to the fixed service on a primary basis for Federal and non-Federal use, and to the mobile (except aeronautical mobile service) on a secondary basis for Federal and non-Federal use. Per footnote US381 to the Allocation Table, this makes five frequencies in this band -- 5332 kHz, 5348 kHz, 5368 kHz, 5373 kHz and 5405 kHz -- available to the Amateur Service on a secondary basis. In addition, footnote US340 authorizes Federal and non-Federal maritime and aeronautical mobile stations to use the 2-30 MHz band (which includes the 60 meter band) for measuring the quality of reception on radio channels on a non-interference basis; however, actual communication by these stations is limited to frequencies specifically allocated to these ser-

vices.

In 2003, the FCC added the Amateur Service secondary allocation to this band after determining that such frequencies could be useful to the Amateur Radio Service for completing disaster communications links at times when existing frequencies in the 80, 75 and 40 meter bands are not available due to ionospheric conditions. The FCC concluded “that such an allocation represented the best compromise available to give the Amateur Radio Service access to new spectrum for a wide range of radio communications, while assuring that incumbent operations are protected.”

At the request of the National Telecommunications and Information Administration (NTIA), the FCC restricted the use of

these five channels to single sideband suppressed carrier voice using only the upper sideband transmission, and a maximum effective radiated power (ERP) of 50 W peak envelope power (PEP). The Commission adopted these operating restrictions to decrease the interference potential between amateur stations and federal stations.

Three additional emission designators -- 150HA1A, 60H0J2B and 2K80J2D -- be authorized in the 60 meter band, provided that the operators using these modes utilize great care to limit the length of transmissions so as to avoid interference with Federal operations. The maximum ERP on channels in the 60 meter band be increased from 50 to 100 W PEP, provided that amateurs utilize Voice-Operated Transmit (VOX) while

(Continued on page 4)

Minutes Cont.

plan to trade off and use both with each mode during the event. The plan is to be on the air at 11AM.

People will be able to sign up for 2 hour time slots (1 hour operating and 1 hour logging). Contact Bruce for Voice or Digital kg7oi@msn.com, and Gabe for GOTA aj4ad@arrl.net.

We hope for more bonus points this year – 1300 possible.

We discussed running class 73A and offering a special QSL card with instructions on our WEB site. Everyone should bring extra radios for the photo. Mike KF7BIG will research getting

cards made from a photo.

We will need headsets this year with everyone working outside (2 per station: Operator and logger).

A motion was made to allocate \$200 for Field Day expenses. It was seconded and passed 14 yes, 1 no. Save and turn in receipts to Bruce.

We also moved seconded and passed 14 to 1 a motion to allocate \$24 to Gerard WT0F to obtain URL w7bi.com.

Meeting was adjourned at 8:55PM.

Submitted by John KA7TTY for Rod WE7X who was out of town.

SQUAKBOX

This newsletter is published monthly for the members of the Issaquah ARC W7BI. Items for publication must be received by the 15th day of the month preceding publication. end items to:

SQUAKBOX Editor
John MacDuff, KA7TTY
620 S.E. Bush St.
Issaquah, WA 98027-3909

Material may also be sent via landline modem to (425) 392-7623 (prior voice contact required). Modem speeds of 1200 to 56K baud supported. Internet address: w7bi@qsl.net

The IARC is a nonprofit organization registered in the State of Washington and is affiliated with the American Radio Relay League (ARRL). Visit our WEB page at: <http://www.qsl.net/w7bi/>

Membership is open to anyone regardless of age, sex, race, national origin, religion, or amateur radio license status. Dues are \$20 per year for a family membership, free for those under 19 years of age.

A two-month courtesy mailing of this newsletter will be made to meeting visitors and others upon request.

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5 MHz Cont.

in the single sideband emission mode, so as to permit the amateur operator to bear an attempt by another station, which may be a Fed-

eral user, to utilize the channel.

On March 11, 2010, the FCC adopted a Notice of Proposed Rule Making and Order that made certain amendments to correct the

Amateur Service rules and to conform the rules to prior Commission decisions. The FCC's proposals are based on the current rules, as modified by that action.

NEXT MEETING: Wednesday, July 7, 2008 - 7:30 PM

Talk-in frequency: 146.56 MHz

- Coming Events -

- **June 26-27, 2010** – ARRL Field Day
- **June 28, 2010** - Issaquah Ham Radio Support Group meeting, Police Station, Issaquah, talk-in 146.56 MHz at 7:00 PM, Meeting at 7:30 PM.
- **July 7, 2010** - Monthly Issaquah ARC meeting at the Issaquah Valley Senior Citizens Center, 75 NE Creek Way, Issaquah. Doors open at 7:00 PM, the meeting begins promptly at 7:30 PM and the program begins at 8:00 PM. Refreshments are provided.
- **July 10, 2010** - SalmonCon. Pacific Northwest QRP Group annual weekend outing. Valley Camp, just east of North Bend, WA. <http://valleycamp.org> This event is run in conjunction with an East Coast QRP meet called LobsterCon. There will be equipment demonstrations, talks on various subjects and much camaraderie. For information, contact Wayne NB6M@Comcast.net .
- **July 10, 2010** - Chehalis Valley ARS 11th Annual Hamfair. Lewis County Fairgrounds. Contact John Ellingson, K7OSK. k7osk@boatanchor.com <http://www.cvars.org/>
- **July 16-18, 2010** - Glacier Waterton International Peace Park Hamfest. Glacier Meadows Campground, 13 miles west of East Glacier on MT Hwy 2. www.gwhamfest.org

FIRST CLASS POSTAGE ---
 TIME SENSITIVE MATERIAL

Field Day Special

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