

SQUAKBOX

Issaquah Amateur Radio Club

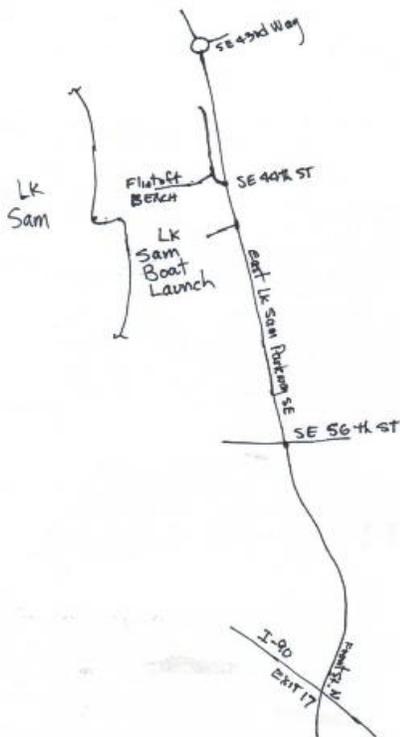
Volume 41, No. 7

Issaquah, Washington

July 2019

Field Day at Flintoft's Beach

From I-90 take Exit 17 (Front St. N) go North. The road changes to East Lake Sammamish Parkway SE. Go past SE 56th St and the Boat



Launch (on the left), and turn in at the next left (SE 44th St). If traffic is heavy you can stay on East Lake Sammamish Parkway to the round-about. Go around and head back South and turn in at the next right (SE 44th St). The road cross the trail and curves right. Make the first sharp left

into the site. We should have a sign at that point.

We will be gathering about 8 am to begin setup and get on the air begin at 11 am. - S

Field Day Plans 2019

Field Day is June 22 and 23 this year. We plan to have the capability of operating 2 or 3 HF stations plus a GOTA station. We are combining forces with the ICST and CERT folks for a big event this year. Thanks to Mike Crossley KF7BIG and Gerard Hickey WT7F for bringing equipment that will be used this year.

In addition, Rod Johnson WE7X will be bringing some VHF gear that will work for 6m and 2m. That should provide a few 'free' extra contacts.

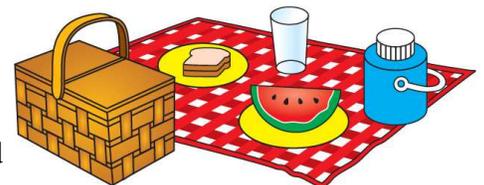
Meals:

We will be providing lunch and dinner Saturday, and breakfast and lunch Sunday to members and guests participating in our Field Day operations. Thanks to Mike Crossley KF7BIG, and Lara Flores WA7LNF for planning, arranging, and preparation of meals.

The club will provide bottled

IARC Picnic/ Meeting July 10

Again this year we will be having a picnic get-together at Convergence Park in Issaquah instead of our regular meeting. We will be gathering about 6:30pm on July 10th (our regular schedule would put our meeting on July 3rd which we decided would not work.). Bring the whole family, along with your picnic dinner and maybe something to share although it is not officially a potluck. This is a good chance to re-hash some our Field Day experiences. The park has several trails which can make for a leisurely after dinner walk. There has been some mention of a Fox Hunt, but nothing is planned so far. Maybe this can be discussed at Field Day. Hope to see you there. - S



water and soft drinks.

We ask those participating to bring snacks to share. - John MacDuff KA7TTY, 6/13/2018 - S

A t t h e l a s t m e e t i n g . . .

June 5, 2019

The meeting was **called** to order by President Lara Flores at 7:05PM. A number of forty eight members and guests were present at the meeting.

The minutes of the May month meeting were moved, seconded and approved with unanimous vote.

Treasure Report - given.

Old Business

Membership: The roster was circulated and filled with new names.

Badges: the badges were distributed for those who ordered.

New Business

Field Day: Mike presented the Field Day as event and how to use the radio. Lara presented the location and played a short video from television archive about the Field Day. Gerard presented the antenna location. In the end, Lara asked to sign the attendance sheet, volunteering for activities and timeline for using the radios.

A motion for Field Day budget was moved, seconded and approved with unanimous vote.

A motion for a donation for the property use was moved, seconded and approved with unanimous vote.

The meeting was **adjourned** at 8:25PM.

Mihai Manolache, W4MHI, IARC Secretary - S

E-Mail Elmer

Got a HAM radio question and can't find an Elmer to talk to? Just send your question by E-Mail to our E-Mail Elmer at:

Elmer@w7bi.com - Ed. - S

2019 IARC Officers

President

Lara Flores (WA7LNF) - (Issaquah)

Vice President

Joe Decuir (KF7BMD) - (425) 985-1562 (Issaquah)

Secretary

Mihai Manolache (W4MHI) - (425) 647-7030 (Issaquah)

Treasurer

Don Stewart (KI7TTX) - (206) 450-1222 (Issaquah)

W7BI Trustee

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

Tom Rudzinski, SQ9FVE, made Summits on the Air (SOTA) history on 2/16 by activating Aconcagua in Mendoza, Argentina

At 6,962 meters (22,841 feet) above sea level, the mountain is the highest peak in both the Southern and Western hemispheres. An experienced and skilled mountaineer, Rudzinski planned the expedition carefully, including all necessary support.



He began his ascent to the summit nearly 2 weeks ahead of his activation, setting up camps and acclimatizing to the elevation en route. He managed five contacts on 2-meter FM, working Argentinian chasers some 90 kilometers (56 miles) away. Rudzinski worked with a group of friends from the Cuyo Radio Club (LU1MA) to activate Aconcagua. – ARRL Letter, 5/2/2019 - S

Wireless Power Transmission Prompts Discussion in ITU-R Study Group

The emerging wireless power transmission (WPT) technology and associated applications came under closer scrutiny during the May/June meeting of International Telecommunication Union Radio-communication Sector (ITU-R) Study Group 1 and its Working Parties. Participants wrapped up 7 days of sessions in Geneva on June 7, with International Amateur Radio Union Region 1 (IARU-R1) President Don Beattie, G3BJ, representing the IARU. The primary concern over WPT centers on its interference potential.



IARU Region 1 President Don Beattie, G3BJ.

"Work was advanced on reports on WPT at 100 - 148.5 kHz for low-power charging of portable devices, for WPT for electric vehicles (WPT-EV) at around 20, 60, and 85 kHz, and for 'beam' WPT for remote charging," IARU Re-

gion 1 reported. "All of these technologies have the potential for harmful interference to radiocommunication services if not carefully managed, particularly the harmonics of the WPT systems."

The IARU has submitted formal studies on the impact of WPT on the Amateur Service, and these have been incorporated into a single completed report and will inform a new recommendation being

developed on WPT emissions.

IARU says it's advocating "proper emission limits" to protect radio services and is working with other spectrum users and administrations that share its concerns.

The ITU meetings discussed emerging proposals for WPT-EV emission limits from the International Special Committee on Radio Interference (CISPR), where

(Continued on page 4)

FCC Takes a New Tack in Combating Unlicensed Radio Broadcasting

In what may be a first in the effort to crack down on unlicensed broadcasters, the United States has filed a civil action to stop a church-related pirate radio station from operating in Worcester, Massachusetts. The Massachusetts US Attorney's Office is seeking an injunction to shut down the station, operating on 97.1 MHz.

"This groundbreaking step, for an injunction to stop a pirate radio operator's illegal activities, is part of our continued efforts to combat illegal broadcasting," FCC Enforcement Bureau Chief Rosemary Harold said this week. "As we work with our law enforcement colleagues to use every tool in our toolbox to combat pirate radio, I welcome the Justice Department's renewed use of its Section 401(a) injunction authority. Along with

fines, equipment seizures, and warnings, this action underlines our continued interest in combating this serious problem."

The FCC already has fined operator Vasco Oburoni and Christian Praise International Church \$15,000 for repeated violations of its rules against unlicensed operation. The complaint recounts that Oburoni and the church first began operating an unlicensed station in Worcester on 102.3 MHz. After issuing multiple warnings, the FCC levied the \$15,000 penalty, and Oburoni agreed to a payment plan. But later, he began broadcasting again, this time on 97.1 MHz. At least one licensed broadcaster has complained to the FCC, citing interference concerns. – ARRL Letter, 5/2/2019 - S

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:

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Material may also be sent via E-Mail at: editor@w7bi.com.

The IARC is affiliated with the American Radio Relay League (ARRL). Visit our WEB page at: <http://www.w7bi.com>

Membership is open to anyone regardless of age, sex, race, national origin, religion, or amateur radio license status. Dues are \$15 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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Field Day Special

– Coming Events –

- **June 22-23 - ARRL Field Day**
- **June 24** - Issaquah Communications and Support Team meeting, Issaquah Public Works, Issaquah, talk-in 146.56 MHz at 6:45 PM, Meeting at 7:00 PM.
- **July 5** - Clark County ARC Tailgate Swapmeet. 4 PM to 6:30 PM prior to the monthly club meeting at 7 PM. Salmon Creek American Legion Hall, 14011 NE 20th Ave., Vancouver WA 98686. <https://www.w7aia.org/>
- **July 10** - Monthly Issaquah ARC meeting/picnic. Convergent Park (behind Dairygold) 5:30pm. Bring the whole family.
- **July 12-14** - QRP Salmoncon. Valley Camp, North Bend, WA. <https://sites.google.com/site/pnwqrpgrp/salmoncon>
- **July 20** - Chehalis Valley ARC 21st Annual Ham Radio Tailgate Swapmeet. Southwest Washington Fairgrounds, Chehalis, WA. Contact John Ellingson, K7OSK. k7osk@boatanchor.com . <http://www.cvars.org/>
- **Aug 7** - Monthly Issaquah ARC meeting at the Issaquah Senior Citizens Center, 75 NE Creek Way, Issaquah. Doors open at 6:45 PM, the meeting begins promptly at 7:00 PM and the program begins at 8:00 PM. Refreshments are provided.

ITU-R Cont.

there is a level of concern that these limits fall short of providing the necessary protection to radio-communication services. Founded in 1934, CISPR sets standards for controlling electromagnetic interference in electrical and electronic devices and equipment.

The issue of WPT-EV is World Radiocommunication Conference 2019 (WRC-19) Agenda Item 9.1.6. In a WPT status report at the IARU Region 1 Interim Meeting in Vienna in late April, Beattie said the Amateur Service is "highly susceptible to any increase in the background noise level," such as that WPT might generate.

He said frequencies being

planned for WPT are 19 - 21 kHz for high power; 55 - 65 kHz and 79 - 90 kHz for medium power, and 100 - 148.5 kHz for lower power -- but still up to 2.4 kW.

"WPT is generally high duty cycle, located in residential areas, and its harmonics are likely to be spread across a band of frequencies, in some cases the whole of the HF spectrum," Beattie said in his presentation to the Vienna interim meeting. – ARRL Letter, 6/13/2019 - S

LoTW Is Now Accepting FT4 Contacts

The latest TQSL update (Config.xml version 11.8), released on May 22, includes FT4 as a submode of MFSK. It also adds AISAT-1 and PO-101 in the satellite category. As of June 5, more 1 billion contact records have been entered into the system, resulting in 201,492,514 contact confirmations. LoTW has 118,729 users worldwide. ARRL Letter, 6/6/2019 - S