



Watts News



Monthly Newsletter of the
Olympia Amateur Radio Society
P.O. Box 2861, Olympia, WA 98507

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President's Message

Who Packed My Parachute?

Author: Unknown

Charles Plumb, a U.S. Naval Academy graduate, was a jet pilot in Vietnam.

After 75

combat missions, his plane was destroyed by a surface-to-air missile. Plumb ejected and parachuted into enemy hands. He was captured and spent 6 years in a Vietnamese prison. He survived the ordeal and now lectures on lessons learned from that experience.

One day, when Plumb and his wife were sitting in a restaurant, a man at another table came up and said, "You're Plumb! You flew jet fighters in Vietnam from the aircraft carrier Kitty Hawk. You were shot down!"

"How in the world did you know that?" asked Plumb.

"I packed your parachute," the man replied.

Plumb gasped in surprise and gratitude.

The man pumped his hand and said, "I guess it worked!" Plumb

assured him, "It sure did. If your chute hadn't worked, I wouldn't be here today."

Plumb couldn't sleep that night, thinking about that man. Plumb says, "I kept wondering what he might have looked like in a Navy uniform, a white hat, a bib in the back, and bell-bottom trousers. I wonder how many times I might have seen him and not even said, 'Good morning, how are you?' or anything

because, you see, I was a fighter pilot and he was just a sailor."

Plumb thought of the many hours the sailor had spent on a long wooden table in the bowels of the ship, carefully weaving the shrouds and folding the silks of each chute, holding in his hands each time the fate of someone he didn't even know.

"Now," Plumb asks his audience, "who's packing your parachute?" Everyone has someone who provides what they need to make it through the day. Plumb also points out that he needed many kinds of parachutes when his plane was shot down over enemy territory — he needed his physical parachute, his mental parachute, his emotional parachute, and his spiritual parachute. He called on all these supports before reaching safety.

Sometimes in the daily challenges that life gives us, we miss

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what is really important. We may fail to say hello, please, or thank you, congratulate someone on something wonderful that has happened to them, give a compliment, or just do something nice for no reason.

As you go through this week, this month, this year, recognize people who pack your parachute. I am sending you this as my way of thanking you for your part in packing my parachute!!!

— Bart Tirrell

— . . . —

Field Day

Set up at 8:00 a.m. this Saturday, June 23.

OARS new telephone: 878-0834.

Call Bart at the OARS number and set up a time to run a radio and or log, Sat. 11:00 a.m. to Sun. 11:00 a.m.

We will have a PR booth and a GOTA station.

80, 40, 20, 2m, psk, and ssb will be available.

Dinner 6:00 p.m. will be a great one if you like prime rib.

— Bart Tirrell

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OARS OFFICERS FOR 2007

President	Bart Tirrell	AB7AX	570-8949
Vice President	Lee Chambers	KI7SS	866-0236
Secretary	Paul Taylor	KC7LA	866-0683
Treasurer	Ed Fitzgerald	N7WW	491-2289
Member at Large	Fred Baker	W7SIX	357-2662

KEY CONTACTS

RFI Committee	Ghery Pettit	N6TPT	412-1340
Repeater Committee	Larry Watkinson	KC7CKO	943-4352
Club License Trustee	Duane Braford	WB7ROZ	412-1902
Information Net	Duane Braford	WB7ROZ	412-1902
ARES Net	Tom Dennis	KA4VVA	786-5500
OLY Packet Node	Larry Ikenberry	K7APT	943-7208
	Rick Taylor	K7CAH	943-6793
Packet BBS	George Lanning	KB6LE	866-2185
Newsletter	George Lanning	KB6LE	866-2185
OARS Website	George Lanning	KB6LE	866-2185
Classes	Lee Chambers	KI7SS	866-0236
License Exams	Klaus Neubert	AC7MG	753-1493
Equip. Custodian	Larry Watkinson	KC7CKO	943-4352

REPEATERS: 147.36 MHz 224.46 MHz 441.40 MHz

PACKET: 145.07 MHz OLY Node 440 BBS

Membership is open to all interested radio amateurs.
Yearly dues are: \$20 for individual, \$25 for family.

License Exam Sessions

6:00 pm before each monthly OARS meeting
Walk-ins allowed
To apply contact Klaus Neubert 753-1493
oars-ve@comcast.net

From KI7SS, your VP

Hi everyone,

I just bought a new dual-band radio and am, once again, faced with the dilemma of what frequencies to program in. This radio has a couple hundred channels, so I've plenty of room to put in everything. The question is what, exactly, IS everything, or what part of everything do I want? So, I went digging. It turns out that there are a lot of "band plans" listed on the web but most of them are on 15 KHZ. spacing, and here in the NW we're on 20. Not that it matters — it'd be cost-prohibitive to change all those repeaters — but reminds me of a question I need to ask. Why is it that we north westerners don't agree with the rest of the country's repeater plan, anyway? What a nuisance this 20 KHZ band plan is!

More importantly for me, what channels make sense to put in, what sub-audibles, and what frequencies aren't really worth the effort? Are there simplex channels, or repeaters, where you're not welcome, or in fact, discouraged by some frequency cops? Are there any "secret gold nugget" repeaters you've discovered that you can tell me/us about? Do you have a way to program your radio that conveniently catalogs all those most-used, and seldom-used but nice to have, frequencies?

As you know, I often coordinate events like road rallies and foot races. Road rallies, especially, take a lot of simplex frequencies. I've been using 146.44, 48, 55, and 58, and 147.44, 46, 48, 50, 52, 54, and 56. I try to assign frequencies to stages that may be running at the same time a megahertz apart, so there will not be much "front end overload" from nearby radios if two stages have operating positions near each other. You'd think there are plenty of simplex frequencies available. But more and more I'm finding packet on non-packet frequencies (like 147.44, 46 and 48), causing real problems for the events. Because many hams only have a 2-meter radio, I confine my frequency assignments to 2-meters, but I'm considering using some 440 for

future events. If you help with road rallies and only have a 2-meter, please let me know! Be warned: For you to be most effective, I see an upgrade to a dual-bander in your future! That's not a bad thing — then you can listen to mountain-top and a stage frequency at the same time!

Did you know OARS has a portable 2-meter repeater? It's just getting final assembly now, and may be in use for the Lakefair Parade. More on this new tool later.

If you have comments or questions, please email me. I'm K17SS@ARRL.NET
<mailto:K17SS@ARRL.NET>. All the best!

73!

— Lee

— ... —

Beachnet on Capitol Peak

To all District 3 members:

We have two announcements today which will hopefully help you with emergency communications.

However, first I would like to thank Frank, NM7R for his talent, resourcefulness and engineering. The announcements you are about to hear would be still dreams of mine if it were not for Frank, his electronic background, willingness and generosity. He has spent well over 100 hours during the past year seeing to it that this day would be reached. Thank you Frank.

I would also like to thank Kim, AC7YY for donating a vital piece of equipment.

Today a 440 repeater sits atop Capitol Peak ready for District 3 use. It is tied to the link system in Pacific and Grays Harbor counties. You should be able to reach any EOC in District 3 and beyond on this repeater. Hopefully we will now be able to be most anywhere in our individual counties and reach back to another operator positioned just about anywhere else within the D-3 region. This repeater can also be broken loose from the link and used as a simple repeater for a SAR in the Capital Forest; as an example.

You will find this new repeater at 444.950 PL 118.8. (The old Minot frequency)

In addition, a packet system has been installed on Capitol Peak which will allow you to reach the state EMD on 145.630. When you tie into the system either direct or via a node (such as Minot) your traffic will be diverted from the .63 machine to a 145.010 machine and on to the EMD. The connect is quite simple. Assuming you are on .63 and are able to reach CP direct, simply type

```
c w7emd-4 v n7ujk-10
```

This will switch you over to the .010 machine on to the EMD. If you use a node on .63 then tie into it and type the above. There is no node to connect to on the peak. Digipeat only.

As you know, there are always bugs with new systems. We are currently experiencing a link problem so at times you may find the link turned off. During those times, the Capitol Peak repeater will be a stand alone system.

Use of the Capitol Peak systems.

The Repeater

Rule 1: Priorities: Emergencies, Nets, General Gab; in that order.

Because these repeaters are for emergency services, RACES or SAR have to take precedence over day-to-day gab. If someone needs the repeater for such a use, they should only have to say so, and the circuit is theirs. It goes without saying that an actual emergency tops all other uses.

Rule 2: This private repeater and two packet stations are open and we encourage general use.

We want you to be familiar with the repeaters. To be effective in times of distress, everyone has to know how they work and where they do (and don't) cover. The only way to gain that familiarity with the equipment is to use it frequently. When it hits the fan, we want you to be able to set up shop anywhere you are sent, and without much effort or dithering around find an effective communications path. This takes practice.

Rule 3: A short QSO is always better than a long one.

Long winded conversations that monopolize the machine inevitably leave potential users on the sidelines, making them less likely to learn about the system. This is counterproductive. Remember, you are tying up at least a dozen repeaters. A series of short conversations or a round table discussion

involving several hams in turn are preferred to a single long QSO. This also means leaving room for others to join in.

The Packet Stations

Basically the same rules hold true. It remains to be seen how well this system will work as a digipeater. We want the EOC staff in our counties to know how to use the gateway, and that will mean practice.

There you have it. Please direct any questions to myself or Frank. We would love to hear your coverage report. We hope these improvements will help you in your individual emergency communications program. Please use this system regularly. It costs over \$300 a year to be up there so let's use the system effectively and often.

— Doyle Wenzel, N7UJK

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Capitol Peak Packet Repeater

User Guide for Olympia packet station

The Olympia station, located on Capitol Peak, includes a packet station. This is not a node. You should not connect TO it. It is a digipeater, and you connect to another station THROUGH it, using the "via" command. It can be reached directly from the EOCs at South Bend and Montesano. From either of those locations, the following command will connect directly (single hop) to the State ECC at Camp Murray:

c w7emd-4 v n7ujk-10

To connect to the AC7YY-10 Telpac node, use:

c ac7yy-10 v n7ujk-8

To connect to an alternate Telpac node in Seattle, use:

c sea v n7ujk-10 then: c telpac

The installation consists of two packet stations. One is on 145.63, the SW WA EOC Net. The other is on 145.01, the frequency that the Camp Murray ECC and the SEA node are on. There are three call signs associated with the station. The 145.63 station is n7ujk-8, the 145.01 station is

n7ujk-9. The Gateway between the two is assigned the call n7ujk-10.

Signals on 145.63 digipeated via n7ujk-8 will stay on 145.63. Likewise, signals on 145.01 digipeated via n7ujk-9 will stay on 145.01. This provides a high-level, centrally located digipeater for both frequencies. Signals on 145.63 digipeated via n7ujk-10 will be transmitted on 145.01. Similarly, signals on 145.01 that are digipeated via n7ujk-10 will be transmitted on 145.63. This allows packets to freely pass between the two otherwise independent packet networks. The use of a single connect command through a digipeater, instead of using a node structure, fits within the Airmail software requirements, and should facilitate the future migration to Airmail.

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OARS Net check-ins

The following stations checked in on the OARS General Information Net one or more times on the dates of May 1, 8, or 29:

AA7YD	AB7AX	AB7PS	AC7MG
K7GUH	K7TAG	K7VRE	KB6LE
KB7DFL	KC7LA	KD7AVI	KD7TQW
KD7YXY	KE7EJJ	KE7JTU	KI7CQ
KI7SS	N5MUR	N7IVM	N7JHJ
N7WK	N7WW	NX6W	NX6W
W7KDD	WB4LWQ	WB7ROZ	WC7I

Net control stations reporting for the month were KB7DFL and AC7MG. Thank you for your support!!

The net meets at 7:30 every Tuesday evening on the 3 linked OARS repeaters: 147.36, 224.46, and 441.40 MHz. All Hams are invited to check in.

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Treasurer's Report

As of 5/31/07

GENERAL FUND (checking account)

Previous balance	\$ 3,072.66
Income	0.66
Expenses	33.75
Ending balance	3,039.57

REPEATER / PACKET FUND (savings account)

Previous balance	\$ 1,003.19
Income	0.00
Expenses	0.00
Ending balance	1,003.19

— Ed Fitzgerald, N7WW, Treasurer

— ... —

True Love

Dear John,

I have been unable to sleep since I broke off our engagement. Won't you forgive and forget? Your absence is breaking my heart. I was a fool, nobody can take your place. I love you.

All my love,

Belinda. xxxxxxxxxx

P.S. Congratulations on winning this week's lottery.

— from *ajokeaday* via *Internet*

— ... —

Forrest Gump Goes to Heaven

The day finally arrived. Forrest Gump dies and goes to Heaven. He is at the Pearly Gates, met by St. Peter himself. However, the gates are closed, and Forrest approaches the gatekeeper.

St. Peter said, "Well, Forrest, it is certainly good to see you. We have heard a lot about you I must tell you, though, that the place is filling up fast, and we have been administering an entrance examination for everyone. The test is short, but you have to pass it before you can get into Heaven."

Forrest responds, "It sure is good to be here, St. Peter, sir. But nobody ever told me about any entrance exam. I sure hope that the test ain't too hard. Life was a big enough test as it was."

St. Peter continued, "Yes, I know, Forrest, but the test is only three questions.

First: What two days of the week begin with the letter T?

Second : How many seconds are there in a year?

Third: What is God's first name?"

Forrest leaves to think the questions over. He returns the next day and sees St. Peter, who waves him up, and says, "Now that you have had a chance to think the questions over, tell me your answers."

Forrest replied, "Well, the first one — which two days in the week begins with the letter "T"? Shucks, that one is easy. That would be Today and Tomorrow."

The Saint's eyes opened wide and he exclaimed, "Forrest, that is not what I was thinking, but you do have a point, and I guess I did not specify, so I will give you credit for that answer. How about the next one?" asked St. Peter. "How many seconds in a year?" Now that one is harder," replied Forrest, but I think and think about that, and I guess the only answer can be twelve."

Astounded, St. Peter said, "Twelve? Twelve? Forrest, how in Heaven's name could you come up with twelve seconds in a year?" Forrest replied, "Shucks, there's got to be twelve: January 2nd, February 2nd, March 2nd..."

"Hold it," interrupts St. Peter. "I see where you are going with this, and I see your point, though that

was not quite what I had in mind — but I will have to give you credit for that one, too. Let us go on with the third and final question. Can you tell me God's first name"? "Sure," Forrest replied, "it's Andy."

"Andy?" exclaimed an exasperated and frustrated St Peter. "OK, I can understand how you came up with your answers to my first two questions, but just how in the world did you come up with the name Andy as the first name of God?"

"Shucks, that was the easiest one of all," Forrest replied. "I learnt it from the song, "ANDY WALKS WITH ME, ANDY TALKS WITH ME, ANDY TELLS ME I AM HIS OWN."

St. Peter opened the Pearly Gates, and said: "Run Forrest, run."

— *Thanks to Devena Thompson*

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FCC Designates Hearings on Three Amateur Radio Applications

The FCC has issued hearing designation orders (HDOs) to Amateur Radio license applicants in three unrelated cases. All three HDOs released May 24 hinge on licensee "character" issues. The Commission notified David O. Castle, WA9KJI, of Evansville, Indiana, that it was designating his license renewal application for hearing in the wake of alleged misconduct extending back several years and continuing at least until earlier this year.

"Since 1998, Castle has been warned repeatedly to refrain from intentionally interfering with radio communications; broadcasting without communicating with any particular station; causing interference on amateur repeaters; using amateur repeaters without authorization, and using indecent, slanderous or harassing language," the FCC said in the HDO it issued to Castle. "We find that Castle's continuing course of conduct raises questions as to whether he possesses the requisite character qualifications to remain a Commission licensee."

In March, FCC Special Counsel in the Spectrum Enforcement Division Riley Hollingsworth warned Castle to abide by a request to refrain from using repeaters owned by the Tri-State Amateur Radio Society.

The FCC also designated for hearing two applications for new Amateur Radio licenses. In the case of Frank C. Richards of Mooers, New York, the Commission says the applicant apparently had attempted in 1995 to hijack the license of a Frank C. Richards, KB4VU, who lives in Ft Myers, Florida. The New York Richards was initially successful, and the FCC granted him KG2IC, but after the Florida Richards contacted the FCC to say he'd never moved nor modified his license, the FCC directed the New York Richards to explain. On June 2004, the New York Richards turned in his license. While the FCC did not pursue further enforcement action then, it did tell the New York Richards that the circumstances of the apparent abuse of the license system could become a factor if he ever applied for an Amateur Radio ticket in the future.

The New York Richards applied for a Technician license last June 28, and accompanied his application with a letter. The FCC Enforcement Bureau said it was unable to determine whether the Wireless Telecommunications Bureau should grant the application, however, so it now has been designated for a hearing.

"The Commission and the courts have recognized that 'the FCC relies on the honesty and probity of its licensees in a regulatory system that is largely self-policing,'" the FCC said in the HDO.

"The attempt of Frank Richards (NY) to change the address and other information for call sign KB4VU, and his subsequent cancellation of the license in lieu of responding to EB's inquiries regarding the renewal/modification application raise substantial and material questions of fact as to whether he made false certifications, misrepresented the facts to the Commission, and/or demonstrated a lack of candor in order to claim the identity and operating privileges of Frank Richards (FL)," the FCC said.

In a third case, the FCC has designated for hearing the new Amateur Radio license application of Jack R. Sharples of Florida. In its HDO, the FCC identified Sharples as “a convicted felon and registered sexual predator.”

“Sharples’s felony conviction for at least one sexual-related offense involving children raises material and substantial questions as to whether he possesses the requisite character qualifications to be a Commission licensee,” the FCC said. “Although Sharples’s felony adjudications occurred more than seven years ago, the nature of the criminal misconduct and the fact that the Amateur Radio Service is particularly attractive to children call into serious question whether he should be permitted to obtain an Amateur Radio authorization.”

Castle, Richards and Sharples have 20 days to file a “written appearance” with the Commission. Failing to do so would lead to dismissal of the pending application.

— *ARRL Bulletin ARLB016*

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ARRL to FCC: Shut Down “Grossly Noncompliant” Ambient BPL Pilot Project

The ARRL has again demanded that the FCC shut down Ambient Corporation’s broadband over power line (BPL) pilot project in Briarcliff Manor, New York. On May 21 the FCC called on the BPL equipment maker and system operator to demonstrate its complying with all terms of the Part 5 Experimental license authorizing the system, or face possible enforcement action. In a May 31 letter to FCC Spectrum Enforcement Division Chief Kathryn S. Berthot, ARRL General Counsel Chris Imlay, W3KD, contended that it’s “long past time that the Commission enforce its own rules,” and again objected to the Commission’s “inexplicable inaction” in the face of evidence the system is noncompliant. Imlay pointed out that the FCC’s

May 21 letter made no mention of Condition #1 of Ambient’s Part 5 Experimental license.

“That condition requires that if any interference occurs, the holder of the authorization will be subject to immediate shutdown,” Imlay wrote. “Interference has repeatedly occurred, and it has been witnessed and verified by a member of the Commission’s Enforcement Bureau staff. Yet no action has been taken whatsoever to terminate this experimental authorization over a period of more than two and one-half years. This is inexcusable.”

Ambient operates the Briarcliff Manor BPL pilot program under Experimental license WD2XEQ. ARRL testing as recent as late May indicated the system is operating outside of the parameters of its FCC authorization.

The League called the FCC’s most recent push to get the company to comply with the terms of its Experimental license “too little, too late and an abdication of the Commission’s responsibility to protect its licensees from interference from unlicensed RF devices.”

“The Commission’s obsessive compulsion to avoid any bad news about BPL has clearly driven its multi-year inaction,” the League continued. “Had this been any other experimental authorization dealing with any technology other than BPL, the experimental authorization would have been terminated long ago.” The League’s complaints regarding interference to Amateur Radio communication from the Briarcliff Manor system date back to October 2003 and included supportive technical reports and test results.

As it stands, the League maintained, the FCC should have shut down Ambient’s BPL system a long time ago. The ARRL further objected to Ambient’s “repeated misrepresentations in its six-month reports claiming that its Briarcliff Manor BPL system meets FCC emission limits.”

New measurements done May 24 by ARRL Laboratory Manager Ed Hare, W1RFI, conclusively establish that the Ambient BPL system, in Hare’s words, “continues to operate well above the Part 15 emission limits that are stipulated as a condition of its Experimental license.” Hare said his latest excursion marked the third time his emissions testing in Briarcliff Manor showed the system to be operating significantly above Part 15 emissions limits.

“The spectral masks in this system intended to protect some radio services from interference work poorly enough in this generation-1 equipment, but when the system is operated at excessive levels, strong interference is an inevitable outcome,” he commented. “By operating this system above the Part 15 emissions limits, Ambient is making it impossible for any electric utility to use results from this experiment to reach any conclusions about the technical and commercial viability of BPL.”

The ARRL further argued that the Ambient BPL system should not be permitted to continue operating under the radar with an Experimental license instead of under the FCC’s Part 15 BPL rules, adopted in 2004. The Briarcliff Manor system does not even appear in the FCC’s BPL database, the League noted.

“Causing Ambient to operate in accordance with the BPL rules rather than allowing it to hide behind its experimental authorization would at least be consistent with the Commission’s regulatory plan for BPL, however inadequate that plan is in terms of interference avoidance,” Imlay’s letter concluded.

— ARRL Bulletin ARLB017



Canada Ending 136 kHz and 5 MHz Special Authorizations

In accordance with an agreement between Radio Amateurs of Canada (RAC) and Industry Canada, that country’s telecommunications regulatory agency, special authorizations allowing some Canadian radio amateurs to conduct experiments at 136 kHz and 5 MHz will terminate June 30. “These experiments have had, as one objective, the provision of data that would support the objectives of RAC and the IARU for possible new allocations to the Amateur Service at these frequencies,” the RAC said.

Future special authorizations will depend on the outcomes of World Radiocommunication Conference 2007 (WRC-07), which gets under way October 22, the RAC added. New worldwide,

secondary amateur allocations at 135.7 to 137.8 kHz and in the 5 MHz range are up for possible consideration at WRC-07.

RAC Newfoundland-Labrador Section Manager Joe Craig, VO1NA, described some of his LF experiences in “The Transatlantic on 2200 Meters,” that appeared in July 2005 issue of QST. Craig also has been in the forefront of 60 meter experimentation in Canada through the Marconi Radio Club of Newfoundland. In 2003, club station VO1MRC worked N1RL in Massachusetts for the first Canada-US two-way amateur contact on 60 meters. There’s more information on the VO1MRC 5 MHz Experiment Web pages at, <http://www.ucs.mun.ca/~jcraig/5megex.html>.

— ARRL Bulletin ARLX002



That would explain it

At Sunday School they were teaching how God created everything, including human beings. Little Johnny seemed especially intent when they told him how Eve was created out of one of Adam’s ribs.

Later in the week his mother noticed him lying down as though he were ill, and she said, “Johnny, what is the matter?” Little Johnny responded, “I have pain in my side. I think I’m going to have a wife.”

— Thanks to Eugene Mouncer



Rules for the Family

A Sunday school teacher was discussing the Ten Commandments with her five and six year olds. After explaining the commandment to “honor thy father and thy mother,” she asked “Is there a commandment that teaches us how to treat our brothers and sisters?” Without missing a beat one little boy answered, “Thou shall not kill.”

— Thanks to Eugene Mouncer



OARS Directory By Name

Name	Call	Address	City	ST	ZIP	Phone
Larry Alvar	KD7TQW	3412 Beth Ct NE	Lacey	WA	98516-9248	360-413-7539
Fred Baker	W7SIX	224 Satsop Ave	Shelton	WA	98584	360-357-2662
Jack Barber	W1PRT	4316 Chambers Lake Dr. SE	Lacey	WA	98503	360-438-5921
Ruth Barber	K1IIF	4316 Chambers Lake Dr. SE	Lacey	WA	98503	360-438-5921
Michael Baxter	K7MBB	6216 Johnson Pt Rd NE	Olympia	WA	98516-9566	
Ben Bennett	N7IVM	1212 Tabitha Ct NW	Olympia	WA	98502	360-705-8533
Jon Bennett	W7LWB	7132 Hawks Prairie Rd NE	Lacey	WA	98516	360-459-0697
Thomas Bohon	KE7EJJ	PO Box 8834	Lacey	WA	98509	360-786-4211
Duane Braford	WB7ROZ	204 Shadow Ln NE	Olympia	WA	98506	360-412-1902
Tiffany Braford	KD7KHE	204 Shadow Ln NE	Olympia	WA	98506	360-412-1902
William Braford	KD7SQT	2030 Cardinal Lane	Lacey	WA	98503	360-438-5777
Richard Bullard	KD7RAT	2020 Mare Ct SE	Olympia	WA	98501	360-357-3249
Sharon Campbell	N7DHE	9101-24 Steilacoom Rd.	Olympia	WA	98513	360-491-6460
George Carle	N7ARY	1809 Centerwood Dr SE	Olympia	WA	98501	360-943-3536
Chris Chambers	KA7BNS	908 Narnia Lane NW	Olympia	WA	98502	360-866-0800
Kristopher Chambers	KC7ZWN	908 Narnia Lane NW	Olympia	WA	98502	360-866-0800
Lee Chambers	KI7SS	908 Narnia Lane NW	Olympia	WA	98502	360-866-0800
Marie Chambers	KC7MNM	908 Narnia Lane NW	Olympia	WA	98502	360-866-0800
Morgan Chambers	KC7VNY	908 Narnia Lane NW	Olympia	WA	98502	360-866-0800
Ray Chenhall	AA7ET	9038 Waddell Creek Rd SW	Olympia	WA	98512	360-902-7378
Sarah Coats	KD7WSH	2413 Woodfield Lp SE	Olympia	WA	98501	360-491-3749
Daniel Crane	KB7DFL	4310 Glen Terra Dr. SE	Lacey	WA	98503	360-459-1564
Ken Dahl	K7TAG	1120 Palomino Ct SE	Tumwater	WA	98501-8633	360-534-9357
James Elliott	AA7OH	3455 Martin Way #18	Olympia	WA	98506	360-456-5571
Ed Fitzgerald	N7WW	5006 Lacey Blvd. SE	Lacey	WA	98503	360-491-2289
James Gibbs	AL7BQ	359 47th Ave SE	Tumwater	WA	98501	360-352-1119
Helen Hannigan	KB7JDL	2409 Morse Rd SE	Olympia	WA	98501	360-352-9189
Ken Julian	K7VOX	5915 Chardonnay Dr SE	Olympia	WA	98513	
Sharon Kinder	N7SSD	502 S. Edison St.	Olympia	WA	98501	360-943-6187
George Lanning	KB6LE	4129 Green Cove N.W.	Olympia	WA	98502	360-866-2185
Vaunn Litchfield	KD7UJH	7844 Holiday Valley Dr	Olympia	WA	98502	360-866-1200
Chuck Lund	K7VRE	PO Box 14729	Tumwater	WA	98511	360-319-8715
Robert Lyon	AA7YD	7734 Nottingham Ct SE	Olympia	WA	98503	360-459-9263
Sara Lyon	AB7PS	7734 Nottingham Ct SE	Olympia	WA	98503	360-459-9263
Rodney Maupin	KI7CQ	PO Box 976	Rainier	WA	98576	360-446-1050
Dick McNamara	KE7ASF	7526 127th Ave SW	Olympia	WA	98512	
Roy Murphy	W3KZT	3042 Carpenter Rd Lp SE	Lacey	WA	98503	360-491-5227
Tim Nairn	KB7UKX	5629 Sleater Kinney Rd NE	Olympia	WA	98506	360-491-4956
Klaus Neubert	AC7MG	PO Box 12104	Olympia	WA	98508	360-753-1493
Jim Ryan	KD7HTG	10505 Ryan Ln SE	Olympia	WA	98513	

Name	Call	Address	City	ST	ZIP	Phone
Richard Schwender	KE7CFA	PO Box 8773	Olympia	WA	98509	
Charles Scovill	KC7FEE	6625 Bellevista St NW	Olympia	WA	98502	360-866-1961
Rollo Shaw	AB7NE	1809 Sawyer St SE	Olympia	WA	98501	360-754-9682
Don Shields	KJ7NV	1872 Circle LN SE	Lacey	WA	98503	360-438-5066
Diane Skov	KD7YVJ	1754 Circle Lane SE	Lacey	WA	98503	360-438-5599
Kenneth Smith	W7HRY	7627 Cooper Point Rd. NW	Olympia	WA	98502	360-866-2507
Leroy Smith	N7EIE	8525 Mahonia Ct SE	Yelm	WA	98597	360-458-8286
Thom Solberg	N7KJG	3067 60th Ave SE	Olympia	WA	98501	360-456-3297
Keith Solveson	N5MUR	5506 42nd Ct NE	Olympia	WA	98516	360-491-4278
Charles Stoddard	NX6W	1737 Judd St NE	Olympia	WA	98516	
Brett Taylor	KC7OQJ	1111 Archwood Dr #371	Olympia	WA	98502	360-866-0683
Paul Taylor	KC7LA	1111 Archwood Dr #371	Olympia	WA	98502	360-866-0683
Owen Ticknor	WA7JZM	18124 Sunshine Ln SW	Rochester	WA	98579	360-273-8975
Bart Tirrell	AB7AX	7101 Cavalier Loop SW	Olympia	WA	98512	360-570-8949
Lori Tirrell	KE7FHA	7101 Cavalier Loop SW	Olympia	WA	98512	360-570-8949
Madison Tirrell		7101 Cavalier Loop SW	Olympia	WA	98512	360-570-8949
Jennifer Vein	KE7CQI	PO Box 8773	Olympia	WA	98509	
Steve Ward	WC7I	5034 Meridian Rd. NE	Olympia	WA	98516	360-456-4249
Larry Wassman	W3OZ	6708 Sierra Dr. SE	Lacey	WA	98503	491-2247
Kathy Watkinson	KC7OQM	1405 9th Ave SE	Olympia	WA	98501	360-943-4352
Larry Watkinson	KC7CKO	1405 9th Ave SE	Olympia	WA	98501	360-943-4352
Jeff Withers	W3GE	6010 193rd Ave SW	Rochester	WA	98579	360-273-8614
Lisa Withers	KB7PNX	6010 193rd Ave SW	Rochester	WA	98579	360-273-8614

Is your name missing from this directory? Maybe you forgot to pay your OARS dues for 2007. We would be most happy to have you back. Instructions for payment are on the back cover of this newsletter.

If you have already paid and are not listed, please notify the editor so that a correction can be made to the data base. Any address or other corrections are also welcome.

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July 2007

OARS Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																													
<p>1</p> <p>Canada Day Contest CW/Phone</p>	<p>2</p>	<p>3</p> <p>7:00 PM ARES Net 7:30 PM OARS Net</p>	<p>4</p>	<p>5</p>	<p>6</p>	<p>7</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <p>7:15 AM Breakfast at Nickelby's 600 Tros- per Rd.</p> </div> <p>Original QRP Contest CW</p>																																																																													
<p>8</p> <p>Original QRP Conte- st CW</p>	<p>9</p>	<p>10</p> <p>7:00 PM ARES Net 7:30 PM OARS Net</p>	<p>11</p>	<p>12</p>	<p>13</p> <div style="border: 1px solid green; padding: 2px; margin-top: 5px;"> <p style="color: red;">Deadline for Watts News Inputs</p> </div>	<p>14</p> <p>IARU HF World Championship</p>																																																																													
<p>15</p> <p>IARU HF World Championship</p>	<p>16</p>	<p>17</p> <p>7:00 PM ARES Net 7:30 PM OARS Net</p>	<p>18</p>	<p>19</p>	<p>20</p>	<p>21</p> <p>CQ WW VHF Contest all modes</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <p>Lakefair Parade</p> </div> <p>N American RTTY QSO Party</p>																																																																													
<p>22</p> <p>CQ WW VHF Conte- st all modes N American RTTY QSO Party</p>	<p>23</p>	<p>24</p> <p>7:00 PM ARES Net 7:30 PM OARS Net</p>	<p>25</p> <div style="border: 1px solid green; padding: 2px; margin-top: 5px;"> <p style="color: black;">7:00 PM OARS Meeting at South Bay Fire Station</p> </div>	<p>26</p>	<p>27</p>	<p>28</p> <p>RSGB Islands-On- The-Air Contest CW/SSB</p>																																																																													
<p>29</p> <p>Flight of the Bumbl- bees CW RSGB Islands-On-The- Air Contest CW/SSB</p>	<p>30</p>	<p>31</p> <p>7:00 PM ARES Net 7:30 PM OARS Net</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>June</p> <table style="font-size: small; border-collapse: collapse;"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>1</td><td>2</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>August</p> <table style="font-size: small; border-collapse: collapse;"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td></tr> </table> </div> </div>				S	M	T	W	T	F	S	3	4	5	6	7	1	2	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	S	M	T	W	T	F	S				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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OARS Membership Application

" New _____ Date _____
" Renewal _____ ARRL member ? _____
Call Sign _____ License class _____
Name _____
Address _____
City, St. _____ ZIP _____
Home phone _____
Day phone _____
Email _____

Annual Dues: \$20 (\$25 family) — first year prorated by number of months.

If family membership, please attach above information for each family member.

Send to: OARS
PO Box 2861
Olympia, WA 98507

O A R S Meeting
Wednesday, June 27, 7:30 p.m.

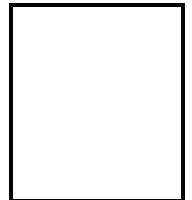
"Field Day Recap"

South Bay Fire Station
3506 Shincke Road NE

An Invitation

If you are a Ham who has received this newsletter, but are not yet a member of OARS, you are cordially invited to join us. Submit the membership application at the left to OARS at PO Box 2861, Olympia WA 98507, or bring it to an OARS meeting and see Treasurer Ed Fitzgerald.

OARS
PO BOX 2861
OLYMPIA WA 98507



If the date on your address label is marked in red, it is time to renew!