



WAUKEGAN SAIL & POWER SQUADRON
A UNIT OF UNITED STATES POWER SQUADRONS
DISTRICT 20
WAUKEELOG
SAIL AND POWER BOATING

May/June 2002

Calendar of Events

Executive Committee Meeting

Date/Time: Tuesday, 14 May 2002 1900
Location: Waukegan Harbor Building

Shakedown Cruise

Date/Time: Sunday, 19 May 2002 1200-1500
Location: Winthrop Harbor Administration Building

Kid's Day (weather permitting)

Date/Time: Thursday, 23 May 2002 1000
Location: Waukegan Harbor

Used Boat Equipment Sale

Date/Time: Saturday, 1 June 2002 1030-1430
Location: Waukegan Harbor

First Mate Course

Date: Saturday, 15 June 2002 0800
Location: Waukegan Harbor

Chicago Cruise

Dates: Sat/Sun/Mon, 20-22 July 2002
Location: DuSable Harbor, Chicago IL

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11419 Zarnstorff Road, Richmond IL 60071
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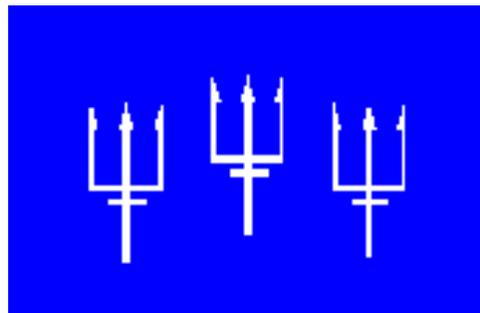
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COMMANDER'S MESSAGE



April is here, and the boating season is just around the corner. I know that many of us have been thinking, planning, and in some cases working on our boats in anticipation of our commissioning dates. You will be able to tell when I put my boat into the water, as it will be the coldest, wettest, nastiest day in May!

Following up on our Change of Watch meeting, the Executive Committee is working hard to Stay the Course Toward A First Rate Squadron. As part of our First Wave of activity, the Secretary's, Treasurer's, Administrative and the Educational Departments have met, installed operating budgets and developed programs for this year's meetings and activities. You can read about upcoming events in this and future editions of the Waukeelog and on the website.

Our first spring activity is the SHAKEDOWN CRUISE, scheduled for 19 May at Winthrop Harbor. Dr. Merwin Rosen will conduct a seminar titled FIRST AID. He will discuss the makeup of a First Aid Kit for Lake Michigan boaters and demonstrate practical Emergency First Aid techniques we should all know. The meeting will start at 1200 and the program will start at 1300 and end at 1500. See 'Shakedown Cruise' on page 6 for more information. If you are interested in attending, please call Carol Kunath, P at 847/540-8175 or email her at Carolkunath@att.net.

Our annual Used Equipment Sale is scheduled for 1 June. We need people to put up and take down the tents, display merchandise, gather raffle prizes, sell raffle tickets, and work as cashiers. If you are interested in working at the sale, please contact Used Equipment Chairperson Lt Helaine Baldwin, S at 847/253-7252 or email

her at baldwinhelaine@aol.com.

Mark your calendars for 15 June when the FIRST MATE course will be run at Waukegan Harbor. This is an all day program that will prepare participants to take control of the boat in an emergency and return the boat and crew safely to shore. The cost is \$10.00 and lunch is included. If you are interested, please contact Cdr Keith Baldwin, JN at 847/612-1294 or email baldwingroup612@aol.com.

P/C Dave Sallmann, AP has been elected to serve as our Cruise Chairman for 2002. He will be calling to find out about your cruising plans for the year. We hope to see you at some of our outings this year. Wherever you go we hope you will fly your Waukegan Sail and Power Squadron Burgee proudly (and properly), and have a safe and adventuresome boating season.

Cdr Keith Baldwin, JN





Waukegan Sail and Power Squadron Cruise Schedule 2002

19 May

Shakedown Cruise, Winthrop Harbor, Cruise Captain Lt/C Pete Owen, JN: Come by boat or car and rendezvous at Northpoint Marina. We will have a meeting at 1200, followed by a first aid presentation. If you plan to arrive by boat contact Pete by May 12 for no cost slip accommodations. See additional information on page 6 of this Waukeelog.

4-7 July

To Be Determined. The Fourth of July falls on Thursday providing a four-day cruise weekend. I have solicited destination suggestions and responses include Hammond, Racine and Milwaukee. We are looking for someone to organize this cruise.

20-22 July

Chicago, DuSable Harbor, Cruise Captain P/C Frank Herbst, JN: 20 July is the start of the Mackinaw Sailboat race making slips available at Chicago harbors. Sail and powerboats will rendezvous at the Dusable Harbor for a weekend of fun in Chicago. Dinner at the Columbia Yacht Club, a river cruise and a visit to Navy Pier are on the agenda.

July 26-28

District 20 Cruise & Rendezvous, Chain O Lakes. The Chain -O-Lakes Power Squadron is hosting this year's event at the legendary Mineola Hotel on Fox Lake. The hotel, built in 1884, is the largest frame building in Illinois. Join us on Friday evening, or spend the entire weekend. Come by boat or car.

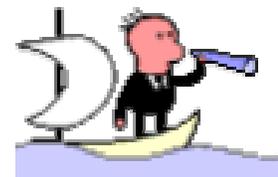
9-16 August

North Channel from Mackinaw Island To Killarney, Cruise Captain P/C Dave Sallmann, AP: The North Channel of Lake Huron provides the most scenic cruising on the Great Lakes, including quaint Canadian villages, towering bluffs, mountains and islands too numerous to count. We will be joining the Skokie Valley Squadron powerboat cruise. They will depart from Northpoint Marina on August 3rd and return on August 20. Trailer boaters can meet at Mackinaw City and participate in the North Channel leg from August 9-16. Marcie and I are planning to make this our fourth trip to the North Channel. I can assure you the cruise will be an unforgettable adventure.

23 August

Howl at the Moon, Waukegan: Cruise Captain Lt/C Ken Hallen, P. We plan an evening "raft off" near Waukegan harbor on Friday night, the day following the full moon. Ken will lead the howling ritual and perhaps we can make a contest of it. Dogs are welcome.
No wolves please.

We hope to see you on at least one cruise this summer. If you have any ideas for additional cruises let me know. Contact the Cruise Captains listed above or me for more details.



Squadron Cruise Planning Chairman
P/C Dave Sallmann, AP (847-362-0915)

Change of Watch – 09 March 2002



P/D/C Robert McNamara swears in new Cdr Keith Baldwin, JN.



Incoming bridge members receive their flags.



The passing of the 'Boner Award'.



The 2002 Executive Committee: P/C Dave Sallmann AP; Lt/C Pete Owen, JN; P/C Frank Herbst; Lt John Turnbull, S; Lt/C Ellen Ludtke, S; Lt/C Bob Kunath, AP; Cdr Keith Baldwin, JN; Not shown: Lt/C Ken Hallen, P; Lt Linda Osterndorf, S; Lt Vincent Giranda, AP.

COME JOIN THE FUN!!

A few members have expressed an interest in developing a crew for Wednesday evening races at Waukegan Harbor.

A desire to learn and be part of the fun is all that is needed!

Interested persons should contact Lt Linda Osterndorf
Member Involvement Chairman.

(262) 857-6433

Email: Ldostern@aol.com



P/R/C Al Richter, SN receives recognition from P/C Frank Herbst, JN for 39 merit marks. [Congratulations Al, 39 merit marks in 39 years as a USPS member!]

D/20 Spring Conference

Ten members of our squadron attended the District 20 Spring Conference, hosted by the Rockford Power Squadron, at the Clock Tower Resort in Rockford, IL, 15-17 March.

The weekend commenced with the "Octopus' Garden" on Friday night. A live DJ provided music to a room set to the theme of the weekend "Under the Sea". Hospitality suites opened later that evening, attendees searched for answers from other USPS members to complete a 'bingo' game card.. In lieu of numbers, the squares had questions such as "Have you ever accidentally broadcasted over the VHF?"

Saturday seminars included the Rockford Dive Team and an entertaining presentation on lighthouses. The seminars and meetings were followed by the District meeting and election. That evening the D/20 Change of Watch, dinner and dancing wrapped up the festivities for Saturday.

Sunday morning, Amy Seely from the National Weather Service gave an excellent presentation on how weather is predicted and reported. (Listen for the new voices this spring!)

I encourage ALL to attend the Fall Conference, hosted by the Michigan City Squadron, 18-20 October in LaPorte IN.

Lt/C Ellen Ludtke S, Secretary



Lt Marcie Sallmann, P (Charting Chairperson) and P/C Dave Sallmann AP (Cruise Planning Chairman) at the D/20 Conference dinner.



Lt Inger Herbst P, Lt/C Ellen Ludtke S and Lt Helaine Baldwin S at the WSPS Hospitality Suite.

Member Achievements

Seamanship

Douglas Blackguard S
Elizabeth Geltz S
Jeffrey Geltz S

Sail 102

Helaine Baldwin S
Inger Herbst P
Keith Baldwin JN
Frank A. Herbst JN

Cruise Planning

Keith Baldwin JN
Rich Davidson P
Paul Green AP
Maryann Hartl AP
Terry Hartl AP
Carol Kunath P
Robert Kunath AP

"Shakedown Cruise"

Sunday, 19 May 2002
Northpoint Marina Building
1200 - 1500 hours

THERE IS NO CHARGE FOR THIS PROGRAM but you must register in advance so we have adequate handouts. Please respond before 12 May 2002 to Carol Kunath at 847-540-8175 or Carolkunath@att.net

A fantastic program is planned to begin promptly at 1300 hours.

**Dr. Merwin Rosen, AP will present
"First Aid on Your Boat: Everything You Wanted to
Know but Didn't Know Who to Ask"**

Lunch will be on your own. There is a restaurant at the Harbor for those who are interested. The squadron will provide dessert and coffee and friendly conversation beginning at 1200 hours.



Don't miss Bob and Carol Kunath's article in the April 2002 Ensign; pages 12 and 13.



The Ships Store is putting together an order for WSPS burgees. Contact Carol Jernberg. Allow 4 weeks for delivery.

WELCOME NEW MEMBERS

Cheryl & Frank Mitrick

Jim Hanlon

Ken & Lynne Baehr

Boris Peck

The Universal Licensing System, Part V

1st Lt Richard A. Davidson, P, Asst. SEO and S/RTO

In the first four installments of this series, I covered all of the aspects of obtaining the licenses needed for your pleasure boat radios. Some of the rules changed as this series appeared, resulting in articles just to explain what changed. The most rewarding thing for me was seeing parts of these articles published in the USPS section of Lakeland Boating.

Some WSPS members are planning to cruise into international waters this year, so here is a quick review of just what you need to know to make your radio usage legal.

If you communicate with any foreign station, regardless of your location, you need a license.

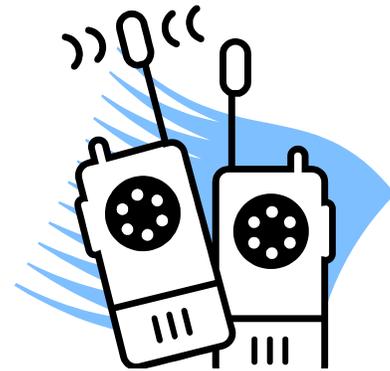
A ship radio station license is required for a boat if it is operated outside of the United States territorial waters or if communications is performed with a foreign station or if operation below 30 MHz is attempted. Pleasure boat owners with VHF radios and using them only in territorial waters and talking only to other such stations, need not obtain a Ship Radio License. The rationale is this -- if your communications remains within the borders of our country, no license is required. If you venture outside territorial waters, you are no longer given the license free option. If you communicate with any foreign station, regardless of your location, you need a license. If your signals are below 30 MHz, then they can skip and be heard

in other countries, and a license is required. This is all controlled by the International Telecommunications Union, part of the United Nations, which enacted treaties for worldwide radio usage and to which the United States is a signatory.

Your VHF radio operates between 156 MHz and 161 MHz and is only capable of line of sight range under normal conditions.

You will experience a phenomenon where stations that are across the lake can be heard. That is caused by an over the water troposphere ducting effect, but it still is not likely to be heard outside of the States. Your SSB radio is another matter. It operates on frequencies between 2 and 27 MHz and will skip around the globe when propagation is good. An EPIRB (Emergency Position Indicating Radio Beacon) operates at 406 MHz and is designed to be detected by satellites, but does not require a license. Marine radar uses 9.4 GHz frequencies with a rotating beam that will go about 16 miles, so again, no problem. If you are a really big time communicator with an INMARSAT radiotelephone system, you will need a license and an ID code for your station. I am not aware of any of our members who are that much in need of a radio telephone on their boat. You still can buy Iridium or a Global star phone which is not licensed because it is classified in a fashion similar to cellular telephones.

OK, enough with the requirements. If you are leaving the US, talking to non-US radio stations, or operating a radio capable of making contact with



foreign radio stations, you need to be licensed. The radio also needs to be licensed. Yes, you need a station license for the radio and an operator license for you, the user of that radio.

Here's what you need to do. Go to the following web site: Everything is in sub pages of <http://www.fcc.gov> because your government is hip to the Internet. First stop is the Wireless Telecommunications Bureau sub page, the FCC bureau which issues licenses to radio stations. Click on FORMS and locate two forms with numbers 159, 160 and 605. Download these .pdf files. You should have an Adobe Acrobat reader on your computer. If you do not, go to the WSPS web site and find the link to receive the free copy of the reader. You do not need to print out all 24 pages of Form 605, but rather just the Main Form, Schedule B for the Ship Radio License and Schedule E for the Restricted Radiotelephone Operator Permit. The rest you can read from the computer screen or are the schedule parts for aircraft or ham or General Mobile Radio Service applicants.

Continued on page 6 - USL

Fill in the Main Form. Leave blank all of the parts for renewals and special temporary authorizations. You are applying for a new license. The Taxpayer Identification Number is your Social Security Number. The FRN is required, and I will cover that subject later. The SGIN is left blank.

Now go to Schedule B. Check Regular, enter PL and YAT for general and specific class of ship, ship name, documentation number, answer YES to international voyages and communications with foreign coast stations, do not check the radiotelegraph question or the DSC/MMSI question, or the part 11 questions. You do not have a ship that is legally required to carry radio equipment. Enter the tonnage and length in meters.

For Schedule E, you are applying for a Restricted Radiotelephone Operator Permit (RR). The limited use one is for aircraft pilots only. Do not check the radar endorsement boxes.

Schedule F is intended as a temporary operator permit page, but I do not think you will have to wait that long for your license. Besides, this page is not mailed in, but just kept on the boat if needed as a temporary operator permit.

Now the CORES item. My last article in the Waukeelog, available on the WSPS web site, went into this one in detail. You have two choices. Either applies for your COMmission REGistration System (CORES) number on the internet by going to the FCC web page and click on CORES, or fill out FCC Form 160 and mail it in with this application. My advice is to get the CORES number first, put your number on this application, and avoid problems.

Now, the fees. Did you think this

Used Boat Equipment Sale

Saturday, 1 June 2002: 1030 - 1430 hours
Waukegan Harbor Park Southwest of
Waukegan Yacht Club

Take advantage of this excellent opportunity for you to turn your excess boat equipment into cash. Look through your basement, garage and boat for anything you no longer need. Bring items to the sale tent between 0830 and 1000, volunteers will be on hand. We will sell it for you on consignment; 80 % to you, 20% to our Squadron.

While you're there, you can shop around. There will probably be something you can use. Bargains are guaranteed! This is a productive fund-raising activity for the Squadron and has proven to be very successful for both buyers and sellers in past years.

Contact Helaine Baldwin at 847-253-7252 or Baldwinhelaine@aol.com if you have questions.

license is free? We are talking about government, Sparky, so get your credit card out and fill in FCC Form 159. The fee for your station license is \$150, the operator license is \$50, and the CORES registration is free. The operator license is good for life, and the station license expires in ten years, so you would be wise to register with the ULS, too, by going to the FCC main page, then the WTB, then the ULS on the Internet. Then the renewal process can be done on the Internet, and you will be reminded by the FCC when it is time to renew your licenses.

I expect you to have a few problems trying to fathom all of this, so call me at home or page me or email me for advice. However, once you fill out the forms and experience the

process of getting licensed, you should have very few questions. When your license is issued, note the Ship Station Identity number. That is your unique ID for Digital Selective Calling, which all of the new VHF radios use on channel 70. Also note that your boat name and number are on this license. If you change boats you must modify your license for another \$50, and if you no longer own a boat, you must have your license cancelled. You will also note that you are issued a call sign. That is how you must identify your station when outside the US, in addition to the boat name. Call me on the air when you get the chance.

This is SEASCAPE, WCZ4319, OUT.

Cooperative Charting Program

The Cooperative Charting Agreement between the USPS and the National Oceanic and Atmospheric Administration (NOAA) established one of the most effective user participation programs within the federal government. Through this agreement that was executed in 1963, USPS members assist our Federal Government in maintaining and updating nautical charts, aeronautical charts, Coast Pilots and inland river charts. Geodetic Survey Mark

... it is a good time to become aware of the benefits this program provides to the government ...

Recovery reporting is also part of this program. Using NOAA Form 77-4, USPS members report chart discrepancies, update information regarding small craft facilities and receive credit for Geodetic Survey Marks reported to NOAA via the internet.

With the boating and vacation season approaching, it is a good time to become aware of the benefits this program provides to the government, the boating community and those members producing reports. When vacationing

or cruising, the costs associated with the cooperative charting investigation may be tax deductible for the reporter (check with your tax advisor). It is also important to note that the only mechanism NOAA has for updating facility information on small craft charts is through the efforts of USPS reporters.

If you are planning a land vacation, be on the lookout for those small bronze discs known as Geodetic Survey marks. For the past hundred years our government has placed more than one million of them around the country. Recently Dave and I found two marks at Coit Memorial Tower on Telegraph Hill in San Francisco. If you find one, photograph it or record the information manually. If possible record GPS coordinates or at least note the general location. When you return call Dave Sallmann or me and we can tell you how to find your marks on the NGS website and report them.

If you need NOAA Forms 77-4 or additional information regarding specific reporting procedures call me. A significant change in the reporting procedures implemented this year is the requirement for GPS coordinates to be reported on all NOAA 77-4 reports except for geodetic survey marks. I am pleased to report that the Waukegan Sail and Power Squadron achieved honor roll status for reports submitted

during the last year. Keep up the good work.

Squadron Cooperative Charting Chairperson
Marcie Sallmann (847-362-0915)

WS&PS Ship's Store

Polo Shirts
\$25.00

Hats & Sun Visors
\$10.00

L/S Denim Shirts
\$32.00/\$34.00

Squadron Burgees
\$25.00

To Order Contact:
Carol Jernburg
(847)259-7356
djernberg@
eclassinc.com



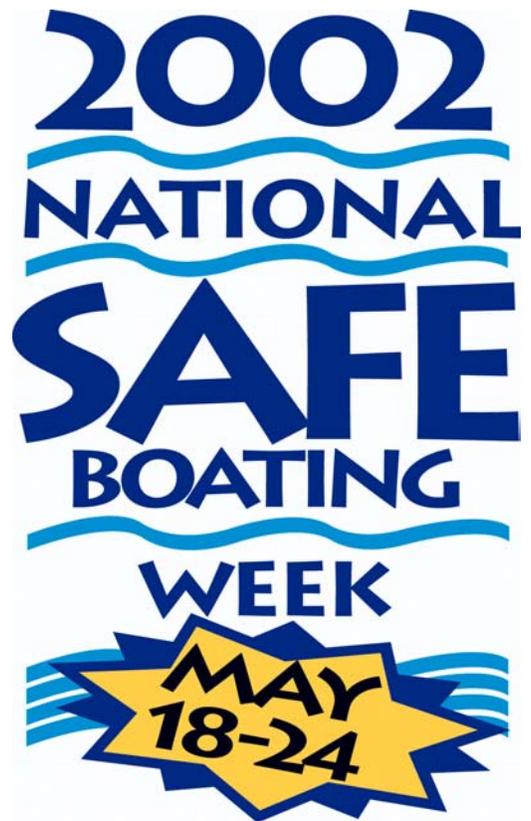
Submissions for the
1 July Waukeelog are
due by 15 June

Return Address:
11419 Zarnstorff Road
Richmond IL 60071

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ADDRESS CORRECTION REQUESTED

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“FIRSTMATE”

COME ONE, COME ALL
CREW-GUESTS-CAPTAINS

SATURDAY, 15 JUNE
WAUKEGAN PORT AUTHORITY BUILDING
0800-1700

Crew and Guests:

Here is your chance to learn and experience how to take over the boat
in an emergency

Captains:

Find out the things your FirstMate has learned and plan how to
reinforce it in the future

Classroom Instruction

Lunch

On-The-Water Experience

\$10.00

Advanced registration required:

Call: Keith Baldwin

847/612-1294

baldwingroup612@aol.com