The ORC News-

Official publication of the Ozaukee Radio Club, Inc. Mail all contributions to the editor, Tom Ruhlmann, W9IPR, 465 Beechwood Dr., Cedarburg WI 53012 (phone 262 377-6945). Permission to reprint articles published in any issue is granted provided the author and the Ozaukee Radio Club Newsletter are credited.

ORC Repeaters on 146.97, 224.18 and 443.750 MHz - Callsign W9CQO Web site: **www.ozaukeeradioclub.org**

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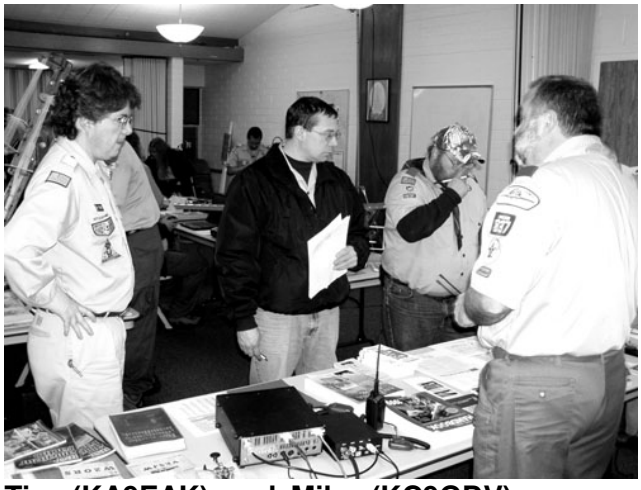
The Prez Sez

By Tom Ruhlmann (W9IPR))

The month has gone pretty fast with more HAM activities than I originally expected.

I went to a meeting of the Greater Milwaukee DX Club and it was really interesting. They rarely have a formal program because each member seems to be a program in themselves. These guys are really "hard core" about working DX and have the QSL cards to prove their successes. And it is not just HF. The host had over 120 entities on 6 meters and more Zones on 2 meters than I have entities on 20 meters. On HF, our own Gary Sutcliffe, W9XT, who is President of the group, has 334 of the possible 335 entities plus 6 more that have since been deleted from the listing. It was great fun listening to all the chatter about band conditions, antenna, operating techniques and who was working what at 3 AM Sunday morning. Oh yea, then I had a beer and got my 106 entities on 20 meters SSB confirmed for DXCC by Ron Gorski.



Tim (KA9EAK) and Mike (KC9GDV) are ambassators fo HAM radio and getting the interest of BSA leaders in the Radio Merit Badge and Amateur Radio

Then Mike Yuhas (KC9GDV) and Tim Boppre (KA9EAK), who are BSA council committee members, invited us to their "hobby night" roundtable. They hosted a table to promote HAM radio and the BSA Radio merit badge. It was a great exhibit with an operating HF station, the Edward R. Murrow CD about becoming a HAM playing on a PC and a table full of ARRL literature and pamphlets and QSL cards. There was much interest shown by the attending scout leaders and I fully expect to see selected members of the ORC getting involved with the scouts as radio merit badge councilors. Are you interested?

On November 5th and 6th Pat and I participated in CERT (Community Emergency Response Team) training at the Justice Center. Others there from the ORC were Mike (WJ9O) and Dale (N9NNE) Matthies, Nancy Stecker (KC9FZK) and Stan Kaplan KB9RQR. All told there were about 20 participants and it was really quite informative.

CERT EMT instructors demonstrated how to stop bleeding, splint fractures and secure puncture wounds while awaiting more qualified medical assistance

We learned the fundamentals of fire fighting, search & rescue, immediate first aid, triage and emergency preparedness.

Mike (WJ9O), Pat Ruhlmann and Nancy (KC9FZK) stop the bleeding and protect the victim (Dale Nedra Matthies – N9NNE) from shock during a simulated emergency

It was a really good program and I recommend it. Give Bill or Jack Morrisson a call at the Justice Center Emergency Government office to enroll.

It is dues time and that means we need to cough up $15 again to support the basic club activities such as the repeater, social events, field day and even distribution of this newsletter. If possible, do use the membership application form when submitting your dues check. It contains a survey the results of which should help the board to provide programs of most interest to the membership as a whole. The application (available on the ORC website and in this newsletter) and check should be mailed to Tom Nawrot, AA9XK, at 10335 N. Grasslyn Road, Mequon 52092 .

As the year winds down I want to express a special thanks to Nels Harvey (WA9JOB) for the many hours he has spent upgrading and maintaining our ".97" repeater system. We have had almost 100% uptime – thanks Nels.

Here's wishing you all a *happy holiday*. See you at the meeting – get involved and have some fun.

Just Another Shack

De Steve Stevens (K9DXT}

Our subject this month is a gentleman with a diverse background. David W. Barrow III (N9UNR) has been around. He was born n New Orleans, raised in Lexington, KY and spent most of his professional life in Florida. Along the way Dave earned degrees in business management and accounting, and his jurist prudence in Florida in 1966. Dave earned his fixed wing pilots rating in 1974 and then noted that the Parnellis County Sheriffs Department had 4 helicopters and few pilots. This motivated him to join the department as a part time sheriff and through the department, he earned his rotary wing rating. He moved to the Cedarburg area in 1978 and currently owns Stonewall Computer, a consulting company, and serves on the County Board as a County Supervisor.

Dave (N9UNR) is typically heard from his car, which is equipped with an ICOM 706, Kenwood D7000, Garmin GPS and APRS

Dave got his interest in ham radio as a teenager. He had a friend who had a friend with a kW mobile rig. It was mounted in a car until the rig experienced a short circuit and they both were burned. Dave kept his interest up through his interest in CB. He was also in the civil air patrol and coast guard auxiliary where he did communication work. Dave joined the ORC in April of 1993 and in June, when the Morse Code requirement was dropped, he got his Technician ticket. Dave's favorite part of the hobby is the

people. He said he has never met a better group of people in any organization of which he has been member.

From the car, Dave stays in contact with APRS, an Icon 706 and a cross-banding Kenwood B700. As a base at home he has another Kenwood. In terms of the future, he is currently enrolled in the club's General Class license upgrade class.

Dave is one of those people that no matter how you feel you come away with a smile on your face.

Christmas Parade

De Jim Albrinck, K9QLP

The Ozaukee Radio Club continued its fine tradition of assisting the organizers of the Grafton Christmas Parade on Saturday, November 26th. The weather was sunny, but cool, and we had just enough snow on the ground to get into the Holiday Spirit.

Those assisting the Grafton Chamber of Commerce in communications with the parade are as follows: Gary, WI9M; Jim, K9QLP; Ed AA9W Nels, WA9JOB; Cindy, KA9PZG; Bernie, AA9CI and Gene, KB9VJP. We also used the Cedarburg Emergency Government Comm Van for Net Control Operations. Mike Donohue of the Grafton Chamber of Commerce was most appreciative of the excellent service granted by the Ozaukee Radio Club and its members in keeping the Grafton parade flowing smoothly over the past 15 years. Thanks to everyone present and past who have participated in the parade.

Tips,Tails & Tools

Weeellllll: I found more good stuff for you to add to the newsletter. I have always had trouble converting ufd's to mmfd's, pfd's,nfd's, ufo's, etc. While researching sources for inexpensive capacitors, I ran into a company in Canada called justradios.com. Today while perusing the site, I discovered he had a listing/conversion chart for forgetful old farts like me. Here is the chart address: www.justradios.com/uFnFpF.html You can print it right off the site and what's especially for old geezers is that the print is in B I G L E T T E R S ! Tom, his capacitor prices are very reasonable, and beat any other prices I have researched by a good 50%.
Bob Gorjance (W5CFB)

Elections

Elections will be at the January 11th annual meeting. Your dues must be paid at that time to be entitled to vote. Under new business there will be an election for each position thus allowing for nominations from the floor. However, don't wait until then if you are interested in serving as a club officer. Call a member of the nominating committee and volunteer. The committee this year is composed of Vic Shier (KB9UKE), Kent Christiansen (N9WH) and Stan Kaplan (WB9RQR). As of this time the committee is nominating the following members as candidates for the 2006 Board.

Tom Ruhlmann, W9IPR – President
Ed Frac, AA9WW – 1st Vice President
Leon Rediske - 2nd Vice President
Nels Harvey, WA9JOB – Repeater VP
Tom Nawrot, AA9XK – Treasurer
Nancy Stecker, KC9FZK - Secretary

Membership

My name is Dan Vanevenhoven I'm the new Affiliated Club Coordinator for the Wisconsin section. I was appointed by Don Michalski on November 6th. I've lived in Appleton, WI since 1991 and have been a ham since 1991. I'm very

active with the Fox Cities Amateur Radio Club which is a very strong club with over 100 members.

I'm looking forward to working with all of you to make the Wisconsin affiliated clubs some of the strongest in the nation. The way we can do this is make clubs grow by "selling" amateur radio. Selling the club to new and current hams is the way to strengthen any club. I looked at the affiliated clubs list over the past few weeks and there are 46 affiliated clubs in the state. Of that the mean average club has 23 members. Now this means we have about 10.2% of the hams state wide in affiliated clubs. That is a fair number but I know we can do much better. The ham radio population nation wide is up for the first time over a 6 month average in almost 3 years (not by much but it is up from years past). According to the current FCC data base record.

Wisconsin

Month	Membership
07/05	10,771
08/05	10,794
09/05	10,802

Nationally 663,888

The reason I see why amateur radio has not grown more is a lack of mentors (Elmer's). Elmer's have gone away and from what I have seen throughout the state (from different sources statewide) even discouraged in some cases. Now there are some clubs doing a great job and we can learn from them. When we see a new ham come on board we need to help them get started. We are communicators. Lets communicate. In some places I have seen it's basically "good luck and we will see you later". The FCARC of which I'm a member and was the Membership Coordinator, has a very nice program from the VE team to the board and echoing through the club itself is a positive attitude. New amateurs are always welcome. Mentor's or Elmer's are the main way to get new hams interested in ham radio. With computers and the Internet there are more and more people getting into technology based hobbies. Our job is to point them our way. Not give them a reason to go someplace else.

As for hams that have not been affiliated with a club in a long time - take a poll of them. You might be surprised by the results. I've heard of people with licenses that are not active for all kinds of reasons some small like "I just moved here and can't find anyone to help me get my antennas up" as well as "I'm a old CW guy and nobody in the club does that much anymore. Most of the members are Tech's now" (he is a good example of getting someone to teach CW). You can see it's not hard to overcome an objection if you know what the objection is.

The other part is to sell amateur radio is to your community. Communities are a big asset. We can't forget Wisconsin has 5,509,026 people. We are only 2% of the states total population. We are a minority without question and we need to get the good name of amateur radio out there. Help out in parades or talk to your local municipalities. It's amazing even with all that goes on with amateur radio that most local people have no idea what we do or who we are. The media is another one - invite them to an event. When I was watching the hurricanes this year I was amazed the media kept saying there is no communications yet when you listened to HF the pile ups where everywhere. It was a case of the media not knowing we where there or who we where.

It's my goal to increase the clubs statewide membership by 10% in my first year and help the affiliated clubs to get their Special Service Club status. For a lot of you it's just a matter of going filling out an ARRL form. For others it will take a little bit of work and polish to get you to that status.

I know I have put out a lot here. I hope most of it seems positive to you. The main thing I hope comes out from this is we really need to "sell" amateur radio statewide and I'm here to help you in anyway I can. Please feel free to contact me with any questions, concerns or comments. My email address is N9LVS@ARRL.NET.

Dan Vanevenhoven N9LVS

ARRL Affiliated Club Coordinator Wisconsin Section

Mail Box

The following letter was received from the ARRL in response to an input from Ed Rate, AA9W.

Ed notified the ARRL of the clubs various social, training, field day, technical and public service activities throughout 2004/2005. This input to the ARRL is required every two years to maintain the Special Service Club status.

November 30, 2005
Thomas Ruhlmann, W9IPR
Ozaukee Radio Club, Inc.

Dear Thomas:
We are pleased to report that Ozaukee Radio Club, Inc. has been officially renewed as a Special Service Club. The next renewal for the club will be in two years. Through the work of its members, this club is recognized for its continued efforts on behalf of Amateur Radio and services to its community.

Etc.

Congratulations, and thanks for your good work! If we can be of further assistance, please do not hesitate to contact us. 73,

Rose-Anne Lawrence, KB1DMW
Club Assistant
ARRL

HF - AWARDS

De Stan Kaplan, KB9RQR

Did you know that Stan Kaplan (WB9RQR) is an HF Worked All States Awards Manager for Wisconsin? If you are going for the WAS Award, search the ARRL site for Form MSD-217, print out a copy and fill it in (both sides). Also read the rules, on MSD-264. Then present the form with your QSL cards (sorted in state order) to Stan. He can confirm the contacts and send in your application (with the fee) to HQ for issuance of the certificate.

VHF – UHF CENTURY CLUB (VUCC) AWARDS

De Keith Shilhavy, KY9P

Most amateurs are aware of the DXCC award for working foreign countries on the H.F. bands. How many are aware that there is a somewhat equivalent award for vhf and uhf operators? Instead of working countries, vhf and uhf operators work various 2 degree (longitude) X 1 degree (latitude) “Maidenhead” grid squares to receive their Century Club awards. The entire globe (earth) has been mapped out in the “Maidenhead” grid square system. You need 100 confirmed grid squares on 50 MHz; 100 on 144 MHz; 50 on 220 MHz; 50 on 432 MHz; 25 on 932 MHz; 25 on 1296 MHz; 10 on 2.3 GHz; 5 on: 3.4, 5.7, 10, 24, 47, 75, 119, 142, 241, & Laser 300 GHz to qualify for the initial award.

Awards on 50 & 144 MHz are designated “Century Club,” on 220 and 432 MHz awards are designated “Half Century,” on 902 and 1296 MHz awards are designated “Quarter Century,” and those on higher frequencies are designated “SHF Awards.”

Only contacts dated January 1, 1983 or later are creditable for VUCC purposes. Separate bands are considered as separate awards; no cross-band contacts or repeater contacts are permitted for VUCC purposes, except for Satellite Awards. Contacts with aeronautical mobiles (while in the air) are not permitted. Contacts with mobiles (ships, boats) on water DO count. There are a few other rules covering such things as working from the intersection of 4 grid squares, etc. which must be observed, if the situation arises, but you now have a general idea as to how the award program operates.

For VUCC awards on 50 through 1296 MHz, all contacts must be made from a location or locations within the same grid square or locations in different grid squares no more than 50 miles apart. SHF award contacts must be made from a single location, defined as within a 300-meter diameter circle

There are no specialty endorsements such as “CW” only (oh darn!), smoke signals or flashing lights or any other method, that might be found on H.F. (Editors comment: CW operators will probably accumulate more grid squares on some bands than non-CW operators, as a result of aurora conditions!).

All VUCC awards are endorsable in the following increments: 50, 144 MHz & Satellite – 25 grid squares; 220 & 432 MHz – 10 grid squares; and 902 MHz and above – 5 grid squares.

All VUCC Awards are sequentially numbered. To date (Dec. 2005) there have been 1462 issued for 50 MHz (author has #47, but was not the 1st issued in WI…probably the 3rd), 652 issued for 144 MHz, 164 for 10 GHz, 29 for 24 GHz, 11 for 47 GHz, 1 for 122 GHz, & 145 for Satellite.

As of 11/28/05, the confirmed grid square leaders (# numbers) by band are: 50 MHz – 1200; 144 MHz - 525; 222 MHz – 200; 432 MHz – 340; 902 MHz – 60; 1296 MHz – 205; 2.3 GHz – 100; 3.4 GHz – 35; 5.7 GHz – 35; 10 GHz – 55; 24 GHz – 10; 47 GHz – 5; 75 GHz – 5; 119 GHz – 5; 142 GHz – 5; 241 GHz – 5 & Satellite – 875.

QST publishes "VHF/UHF Century Club Awards" monthly at the end of "The World Above 50 MHz" column. Additional information can be found on the ARRL web site: www.arrl.org and then type "VUCC" in the search box.

You may apply for awards by filling out the appropriate ARRL submittal form and submitting it with your QSL cards and appropriate fee to the ARRL or better yet, to any ARRL Special Service Club VHF/UHF Awards Manager (this usually saves having to forward cards by USPS, UPS, etc. and incurring the possibility of loss or damage.

For more information, check the ARRL web site or contact me @ ky9p@arrl.net and I will attempt to answer your query.

One last trivia question (especially for you math wizards)! How many "Maidenhead" grid squares is the globe (world) divided into? (2-deg. longitude X 1 degree latitude).

Good luck and good hunting!!
Keith KY9P

Upcoming Events

Dec. 10th – Class 5 of 6 – General Upgrade
Dec. 14th – Membership meeting – Terry Koller (KA9RFM) speaks on Radio Controlled models
Dec. 17th – Class 6 0f 6 – General Upgrade
Jan. 7th – Waukesha Expo Cntr Swapfest
Jan. 7th – FCC testing at Waukesha Swapfest
Jan. 11th – Membership meeting & Elections
Jan. 22nd – Wheaten IL Swapfest
Feb. 2nd – ARES Meeting
Feb. 23rd – ARES Meeting
Don't forget the regular Tuesday ORC net and the Sunday night railroad net on "91".

A Salute to Elmers

De Ted Heilmann, N9LLT.

I was recently thinking of where I would be in amateur radio if it weren't for my Elmer. The answer is easy. I wouldn't be anywhere in amateur radio. In fact, my introduction to the guy who took on Elmer duties couldn't have been more of an accident. In 1990 I was working along side a mechanical engineer who had an interest in computers. He knew I had a similar interest. He approached me and asked me if I would like to join him and another person on an excursion to a computer flea market. I agreed to go with them. Come the day of the event, I was amazed to see that the other person going with us drove up with a headset on and a bunch of antennas on his car and I knew right away that he was a ham. He was talking to someone on HF and the topic of conversation quickly turned from computers to radio. Well, this was the trigger that got my interest back on the front burner. He offered to coach me in lessons at his home, but he made it clear that I would have to be the one who showed motivation to become a ham. Through his sharing of knowledge and time, I realized something that I had thought I would never accomplish. I passed my technician exam and was licensed in May of 1991. Seems to be the normal chain of events puts a technician on two meters and then seventy centimeters and so it was with me. But I asked my Elmer about six meters and one point two five meters. He asked me why I would be interested in those two bands. There's not much activity on either of them and why bother with them, Which intrigued me all the more. After building a six-meter ground plane out of an old J.C. Penny citizen's band antenna and using an old rock bound radio

on 52.525 MHz. I actually perked his interest in 6 meters and he ended up building up a repeater on 6 meters, which he ran for a few years. The point to be made is that not only did I learn much from him about ham radio, but he learned a few things from the new kid on the block too. To this day I am still more active on six meters and 1.25 meters than I've ever been on two meters. Two years after I got my technician license I got my five word per minute endorsement and started burning up 10 meters with a converted 4 element citizen's band antenna that I retuned to 10 meters. I still am using that same beam today. It has been in continuous service since I put it up in 1982. 25 years of service for a $39 investment. All because my Elmer said never to waste an antenna. So, a few years have gone by and I got my general class license and I still look back at where I would be without my Elmer. I salute all of you who have ever taken on the task of being an Elmer. Amateur radio sure owes a debt of gratitude to those who take the time. Oh, and by the way, the computer flea market that we attended was the Grayslake Hamfest in September of 1990 and my Elmer was and still is K9MLD, Joel Eschmann.

Moonlight QSO

By Gary Sutcliffe, W9XT

A few years ago after I got my license I set some life time goals I wanted to accomplish in Ham Radio. The list included making the DXCC Honor Roll, placing in the top 10 in a major contest, and getting an article published in QST. Over the last 35 years I have accomplished these goals except for one. That was making a contact by reflecting a signal off the moon. This is called moon bounce or EME for Earth-Moon-Earth.

On VHF frequencies like 2 meters radio communications are normally line of sight. Occasionally we will get special conditions like tropospheric ducting that will extend that range to several hundred or maybe a thousand miles. FM users will notice this when distant repeaters are heard on the local repeater frequencies. More exotic modes include reflecting signals off auroras or meteor trails for making contacts out to about 1200 miles. These are exciting activities in their own right and are normally done with CW or SSB. To get really long distances requires something much higher than meteor trails. The moon is plenty high.

The problem is that the moon is very far away. It also is not the most efficient reflector of radio waves. This means that it takes a great deal of power aimed at the moon to result in even a very weak received signal. On 2M the total path loss is on the order of 250 dB! Historically to make a contact both stations ran arrays of 4 or more long Yagis and full legal limit power. Every effort needs to be made to eliminate every dB of loss. This means expensive feed lines, and sensitive preamps mounted at the antenna. Even with all this, making a contact is not an easy task.

The bar was lowered with the introduction of the JT65 digital mode. It is a combination of modulation and data encoding techniques developed by Joe Taylor, K1JT as part of his WSJT program. You may already be familiar with PSK31, which has many similarities. These new digital modes use the PC sound card to generate audio tones that go to the microphone input of an SSB transceiver. The receive audio is fed into the sound card input where the PC uses DSP (digital signal processing) to demodulate the signal. DSP techniques can retrieve signals too far into the noise to be heard by ear.

I had read about JT65 in QST and was intrigued by its capabilities. At Dayton K1JT was scheduled to give a talk about his program on Sunday morning. It was the only talk I managed to catch. That really got me interested. WSJT also has a mode, FSK441 that is designed for meteor scatter. My first entry into the WSJT programs was FSK441. I got my sound card interface working in time to catch the end of the Perseid meteor shower in mid-August. I have made meteor scatter contacts with the more traditional SSB techniques. This requires schedules with 15 second alternating transmit and receive sessions. If enough 5-10 second meteor bursts occur during the schedule, you might make the contact. FSK441 takes advantage of the shorter and much more common bursts called "pings". Meteor pings of 1/20 of second

can get the exchange made with FSK441. I made a number of contacts with FSK441 during the meteor shower and wondered if I could make the much more difficult JT65 EME contacts.

My 2M station comprises of an FT847 running 50 watts. The antenna is a 13 element Yagi at about 55'. It is fed with 75 ohm CATV hard line to minimize feed line loss. I needed a bit more power so I picked up a used 150W brick. This gave me a whopping 4.7-dB increase in ERP. I started watching the Ping Jockey web site where EMEers congregate to arrange schedules. I picked times near moonrise and moonset. Since I can not elevate my antenna, I need the moon to be in the main lobe, which is only a few degrees above the horizon. In addition you can get an additional 3-dB signal gain from the signal coming in and reflecting off the ground to the antenna and adding to the directly received signal. The moon's orbit around the earth is not circular. When the moon is at its closest point, the path loss is about 2 dB less than when it is further away. Also some parts of the sky are quieter than others due to cosmic radio sources. I tried to pick days when the moon was both close and in a quiet portion of the sky. As I said, every dB counts. I was able to copy some of the big gun stations! It was time to see if I could work one of them.

RN6BN from Russia announced he was calling CQ on 144.137 MHz, second sequence. That meant he would transmit for 60 seconds on the odd minutes and listen for answers on the even minutes. I set up the program for his call and sequence and tuned to his frequency. After a minute of his transmit period the program displayed what it had decoded "CQ RN6BN KN95". KN95 is his grid square. I started transmitting "RN6BN W9XT EN53". EN53 is my grid square. After a few sequences he heard my answer and I later copied "W9XT RN6BN KN95 OOO". The "OOO" is the standard signal report for EME. The letter O was chosen for the signal report for CW EME contacts since it is an easy letter to copy. That custom has carried over to digital mode QSO's. Over the next several minutes we went though the other steps of acknowledging reception, 73's, etc. to make a valid QSO. My first EME QSO was in the log! A month or so later a QSL arrived to confirm the great event.

In moon bounce circles 120 watts into a 13 element Yagi is the equivalent of QRP. It is sort of like working California with ½ watt into a 75-meter mobile whip antenna. The other end of the circuit does all the real work. I did a Google search on RN6BN and found his website at www.73.ru. I can see who really carried the load. He has pictures of the construction of his array of 32 X 15-element Yagis for 2M. Very impressive!

Sam was kind enough send me a screen shot of my decoded signal. I was 27 dB below the receiver noise level, but he was still able to copy me! My best copy of him was a huge 18dB below the noise. At times I could even barely hear tones in the speaker, but most of the time all I heard was noise.

I want to make more contacts via this challenging mode. Right now there are probably less than a dozen stations large enough for me to contact. I will need a better station to contact smaller stations. Over the years I have been collecting used 2M beams, many of them with broken or missing elements. I am using the parts to piece together an array of four 11-element Yagis. I plan on putting up a short tower to hold it. Eventually I will add elevation control so I can operate whenever the moon is over the horizon. I also am going to restore a 2-meter tube amplifier I got in a trade. That should give me about 700 watts and allow me to hear my own echoes off the moon. That will open up hundreds of stations that I should be able to work.

The WSJT program is an easy entry into some exciting contacts that previously required larger stations. I think it is a tremendous opportunity for Technician class hams to make contacts outside the normal repeater range without the need to know Morse code. A great opportunity to try WSJT on meteor scatter is around the corner. The Geminiid meteor shower peaks on Dec 13, around 10:00PM local time. Conditions should be good for contacts for a couple of days before and after that date.

If you have an all mode rig with SSB on 6M or 2M with 25W or more and a small beam you have most of the equipment you need. You can down load the WSJT program free of charge. http://pulsar.princeton.edu/~joe/K1JT/ Be sure to also down load the manual which includes information on setting up the program, as well as operating information.

You will also need a simple interface between the radio and the computer. I built my first one in about 20 minutes, so it is not a complex project. You can also buy a ready-made interface at AES. It is the same type used for PSK31, another popular digital mode. Once you have everything set up you will also want to check out the Ping Jockey website. http://www.pingjockey.net/cgi-bin/pingtalk This is where the VHF digital crowd hangs out to set up schedules for the different VHF digital modes.

Give WSJT a try. It opens up the possibility of some out of this world contacts.

Recognizing A Stroke

De Jack Morrisson

A true story. Susie is recouping at an incredible pace for someone with a massive stroke and all because Sherry saw Susie stumble - - that was the key that isn't mentioned below - and then she asked Susie the 3 questions.

So simple - - this literally saved Susie's life - - Some angel sent it to Susie's friend and they did just what it said to do. Susie failed all three so then 9-1-1 was called. Even though she had normal blood pressure readings and did not appear to be a stroke as she could converse to some extent with the Paramedics they took her to the hospital right away. Thank God for the sense to remember the "3" steps. Read and learn! Sometimes symptoms of a stroke are difficult to identify.

Unfortunately, the lack of awareness spells disaster. The stroke victim may suffer brain damage when people nearby fail to recognize the symptoms of a stroke. Now doctors say a bystander can recognize a stroke by asking three simple questions:

1. Ask the individual to SMILE.
2. Ask him or her to RAISE BOTH ARMS.
3. Ask the person to SPEAK A SIMPLE SENTENCE (Coherently) (ie . It is sunny out today) If he or she has trouble with any of these tasks, call 9-1-1 immediately and describe the symptoms to the dispatcher.

After discovering that a group of non-medical volunteers could identify facial weakness, arm weakness and speech problems, researchers urged the general public to learn the three questions. They presented their conclusions at the American Stroke Association's annual meeting last February. Widespread use of this test could result in prompt diagnosis and treatment of the stroke and prevent brain damage.

Dues are Due

Per ORC Policy #6, the annual dues for REGULAR membership are $15.00. There are no annual dues for FAMILY members.

Graduates of ORC sponsored Amateur Radio courses are eligible for REGULAR membership, with no dues charge, for the duration of that calendar year following their having successfully passed an FCC Amateur Radio exam.

Per the bylaws, dues are payable at or before the annual meeting of each year. Failure to pay dues prior to or at the annual meeting of any calendar year shall immediately suspend the right to vote on Club matters until the delinquency is rectified. Individuals who are still delinquent as of March 1 shall have their membership terminated.

Club Static

Past President Vic Shier, KB9UKE, just spent a few days in the hospital following back surgery. He is home now so be sure to give him a call – best chance of contact will be on CW.

Ed Seigworth, AA9GT, had a knee replaced in September and is doing fine.

W9LO, Bob Truscott, our "Contesting" column editor had one of his knees replaced at St. Joseph's in West Bend last week and is currently undergoing physical therapy – sure glad it wasn't his "key" hand.

Minutes–Nov. 9th , 2005

De Nancy Stecker, KC9FZK

Ozaukee Radio Club
Regular Meeting November 9, 2005

Meeting called to order at 7:33 P.M. by President Tom Ruhlmann, W9IPR.

Introduction: Introduction of members and guests.

Announcements:
Nels WA9JOB told of a silent key, Ken W9NGE.
Paul KD9FM reported the 15-meter band is open.
Tom W9IPR recently completed the CERT training course and said it was well worth doing.
Upcoming events: November 19, SSB Sweepstakes; November 26, Grafton Christmas Parade; December 14, a slate of officers will be presented at this meeting, with elections to be held at the January meeting: November 12 will be the start of classes for anyone wanting to get a General Class License.

Program: There was no program this evening.

Auction: Stan WB9RQR held an auction of a few items.

Business Meeting: Minutes were accepted as printed in the newsletter. The Treasurer's report was accepted as presented.

Repeater Report: New tubes were purchased and installed in the Micro amplifier. Nels WA9JOB is trying to reduce a buzzing noise caused by a fan on the repeater. He will also be going to the Germantown site to replace the link transmitter. In other news, the 440 repeater is working, the Club was given a VHF repeater by the Village of Grafton, and since the barn property has not yet been sold, Nels is still working on plans for moving equipment.

Committee Reports:
Nominating Committee: Kent N9WH has candidates for most of the offices. A slate of officers will be presented at the December meeting with the election to be held at the January meeting.

Scholarship Committee: Ed AA9W has renewed our Special Service Club status with the ARRL and he has received final notification of the club being a 501(c)3 approved organization.

Membership Committee: Paul KD9FM would like to send holiday greetings to inactive members as a gentle reminder to attend ORC meetings.

Youth Committee: Mike KC9GDV talked about the plans for a spring weekend with boy scouts to work on a Radio Merit Badge. Volunteers might be needed.

Swapfest Committee: Ray W9BUJ handed out copies of the flyer promoting the May 6, 2006 swapfest. They will be given out at upcoming events around the state as well as posted on bulletin boards everywhere. A major door prize is being planned. He presented plans for an outdoor "Hobbyfest" to be held on the Circle B grounds on September 9, 2006. Buyers would be admitted free and sellers would be charged $10. There would be a $200 charge to use the parking lot. Ray made a motion to have the club sponsor an outdoor swapfest on Sept 9, 2006 with an initial budget of $300. Stan WB9RQR seconded the motion. Following a discussion, the motion passed.

Old Business: None

New Business: Tom AA9XK reminded the membership that the dues of $15 are due by the annual meeting in January. And, in order to be eligible to vote, the dues must be paid.
The Legion Hall has been reserved for the Post Everything Party on March 11, 2006. Tom needs people to help plan the event and would like the club to provide some funding.

Attendance: Kent N9WH, Naomi KC9GSS, Carol KC9CBC, Nancy KC9FZK, Tom AA9XK, Roger W9UVV, Gary W9XT, Bob W9LO, Ray W9BUJ, Ray W9KHH, Ed AA9WW, Bernie AA9CI, Joe AA9HR, Gene KB9VJP, Nels WA9JOB, Mike KC9GDV, Tim KA9EAK and son, Paul KD9FM, Ed AA9W, Stan WB9RQR, Wil KB9HHR, Kevin K9VIN, MARK KC9GST, Terry KA9RFM, Herb WA9UVK, Ted N9LLT, Dave N9UNR, and guest Mike Baridmo

Meeting adjourned at 9:06 P.M.
Nancy KC9FZK Secretary

Ozaukee Radio Club, Inc
2006 Membership Application/Renewal Form

Call Sign _____ Year first licensed _____ Age _____

□ Novice □ No-Code Tech □ Tech Plus □ General □ Advanced □ Extra

Name: _____ ARRL Member? □ Yes □ No

Address: _____

City: _____ State: _____ Zip: _____

Phone No. (day) _____ (evening) _____

E-Mail_____ (if you want to be listed on ORC Web page)

Areas of interest:

□ HF □ UHF-VHF □Construction Projects □Antenna □Computers □Satillites □ APRS □ CW □ SSB □ AM □ FM □Digital Modes □Portable □Mobil □Fixed □ Fox Hunt □ Ground Systems □ Software □ QRP □ Contesting □ ARES □ Community Service □ Collections □ WAS & DXCC □ Boat Anchors □ Linears □ Newsletter □ "Elmer'ing" □ Presenting Programs □Photography □ Club Magement □ Community Service □ Test Equipment □ Equipment Repair & Restoration □ Surfing the net

□ Regular Membership - $15.00

□ Family Membership – No Dues

Make check payable to:

Ozaukee Radio Club c/o Tom Nawrot (AA9XK)

10335 North Grasslyn Road, Mequon, WI 53092

The newsletter is available at www.ozaukeeradioclub.org **(web site version encouraged)**

Do you require a hard copy through the snail mail? □ Yes □ No

Spouce's Name:_____& call sign: _____

Comments:_____
_____
_____

AGENDA

December 14th, 2005

1. Call to order – Tom (W9IPR)
2. Introductions.
3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
4. Program: Terry Koller on RC models
5. Fellowship Break
6. Auction.
7. Acceptance of Minutes as printed.
8. Treasurer's report – Tom (AA9XK).
9. Repeater report – Nels (WA9JOB)
10. OZARES report – Jon (KB9RHZ).
11. Committee reports.
    Membership –
    Public Relations –
    Youth Program –
    Nominating –
    PEP -
12. OLD BUSINESS
13. NEW BUSINESS.
14. Adjournment to ?

Return undeliverable copies to

The ORC Newsletter
465 Beechwood Drive
Cedarburg WI* 53012

First Class

Next ORC Meeting

Grafton Senior Citizens Center

1665 7th Avenue, Grafton

Wednesday, December 14th

7:30 PM