



North Ottawa Amateur Radio Club

SPARK

February, 2002

From Don Smith, N8HCS, President

Well we're almost into spring and the Marshall ham fest is coming up, hopefully we can get a few TE-NE-KE's ready to sell there... The club will have a table or two so feel free to bring items to sell...

We are into are second week of school for entry level amateurs and all is well... The norm is that we have a lot of people show for the first class and then the second class hardly anyone shows up, not so this year though, at the second class not only did everyone show up but we also added another two students to the roles!! We even had a third person show up get a book and then said he would see us at testing.

Our class was on operating procedures so I put the all band vertical on the van and Greg, KC8HXO brought his Swan 500 rig to class and as Dean educated everyone we got all set up, we made a contact into southern Alabama on the Maritime Mobile Net, I think the future hams were impressed.. So if on Tuesday nights you are doing nothing come down to the old high school and meet some of the prospects.

The meeting place seems to be well excepted so we will be there again this meeting, the last meeting we had several of the member and some of our new members show up to build Te Ne Ke's I am not sure what is up this month but I am sure it will be worth coming. (see next page... ed.)

I have been In contact with John, N8YQD today (Thursday the 21st) he tells me he is heading back Monday and hopefully will be here for the next meeting.. ..with summer coming and the snow birds flying back to Grand Haven it is always a nice time of year you know...

I picture putting up antennas with Lou, N8KYO and educating John, N8YQD on the mechanics of amateur radio, perhaps this year I can teach him how to put lock washers under the nuts on u-bolts. hi hi

I love all the ham fest and outdoor activities field day and the fox hunts and so forth, I like our special event station operation but it is sad also because that is the wrap up of summer... I shouldn't get that many months ahead of myself right now I guess..

I will see you all on Thursday at the White Pines cafeteria for our meeting and until then 73 Don N8HCS ar sk

CLUB MEETING IS THIS THURSDAY, FEBRUARY 28!!!!

The meeting held last month at the White Pines Middle School cafeteria was a resounding success, with full approval of the attending members to meet there on a regular basis, and save the \$35 per month to rent the community center. For those of you who may have missed the meeting in January, The cafeteria is a LARGE room, and opens some possibilities for other programs during Club meetings. Come on out and Join us Thursday at 7:00 PM!!

(White Pines Middle school is the old Grand Haven Junior High on Griffin and Robbins Rd. in Grand Haven.)

The February meeting will feature the amazing Andrew Young, N8ARY, and his Hyperextrabulated Conflugurating J-Pole.

He will show proper construction of this magnificent example of high technology.

Hope to see YOU there!!!!

MARSHALL HAMFEST UPCOMING!!

Make sure you mark Saturday, March 16 on your calendar.... It is the annual Hamfest in Marshall Michigan. This hamfest is regarded as maybe the number one swap in Michigan!! Clean out those desks, closets, boxes, and junk drawers, and head on out. NOARC will have several tables for you to display your wares. Stop in and help sell a few Te-Ne-Ke's, too!! We'll be there, will you???

Ol' KC8HXO goes to the Doctor.....



"I swear, it's beating something out in Morse Code!
L-A-Y O-F-F T-H-E D-O-U-G-H-N-U-T-S-A-N-D
F-R-I-E-S!!!!"

Treasurer's Report

Account Status as of December 19, 2001:

Beginning Balance of all accounts was \$3659.94, of which checking and savings totaled \$3198.83, and the NOARC endowment fund balance of \$461.11.

Income for the period: \$.09 interest on savings, and \$388.15 increase (due to donation) in GH Area Community Foundation balance.

Expenses for the period: \$831.85: \$325.00 Annual Liability Ins. Premium (Seabury&Smith); \$342.13 to Comtronco—Annual power/Telephone bill for 145.490 Repeater; \$36.70 To Henry Reikels for Crystal in GE receiver for GR Link; \$93.02 Reimbursed to John N8YQD for Dec. Newsletter costs, and Christmas invitation mailing; \$35.00 To City of GH for Nov. Community Center room rental.

Ending balance of all accounts: \$3216.33 of which checking and savings total \$2367.07, and the NOARC endowment fund total balance is \$849.26

Please note the chart below represents the status of all club funds at the end of the period:

General Fund:	\$2092.07
Repeater Fund:	would be NEGATIVE balance after replacement of receiver, new battery, this year
Digital Fund:	\$275.00
Endowment Fund	\$849.26

Total all funds \$3216.33

This period there were no expenses incurred for the Te-Ne-Ke project, and no revenues. The total revenue generated to date are \$2572.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

FCC WEBSITE MORE USER-FRIENDLY.....

The FCC has redesigned its Amateur Radio Service Web site and changed the URL <http://wireless.fcc.gov/services/amateur/> . The new layout makes it easier to find information on topics most requested by amateurs, including licensing, amateur exams, filing an application, changing an address or using the Universal Licensing System (ULS). The refurbished site also provides links to recent Amateur Radio-related news from the FCC. "The new design is a part of the Wireless Telecommunications Bureau's continuing effort to meet the needs of the Amateur Radio Service operators as identified in focus groups, letters, phone calls, and e-mails," the FCC said in a news release. The new design clusters FCC public notices, news releases, and other official documents affecting Amateur Radio operators on the right side of the page. On the left side of the page, the new navigation scheme displays information on the Amateur Radio Service, the sequential call sign system, licensing and vanity call signs as well as amateur-related communications policies such as reciprocal agreements. The site also offers links to information on the limited federal preemption known as PRB-1, the Part 97 Amateur Service rules and the Wireless Telecommunications Bureau and ULS sites. The site, launched on February 20, includes a search engine for the entire FCC Web site <http://www.fcc.gov> . Direct questions or comments concerning the FCC's Amateur Radio Service Web site to Bobby Brown, babrown@fcc.gov, or Jennifer Bush, jbush@fcc.gov. For information concerning the Amateur Radio Service, contact Bill Cross, bcross@fcc.gov; 202-418-0680.

Meeting Minutes January, 2002

Note: Meeting held at White Pines Middle School cafeteria for the first time.

- Meeting called to order by Don Smith, N8HCS
- Approx 20 members present.
- Don announced the GHPS has offered us the cafeteria for our meetings at NO CHARGE
- Intro's made.
- Mention of Excess Money in checking account from membership drive. A significant portion to be moved into savings.
- Repeater Committee appointees:
 - John Sundstrom, N8YQD– Trustee, Andrew Young, N8ARY, Mike Martens, WA8CTK, Dean Whitney, KF8NS, Tom Vandermel, KB8VEE
- Plans made to hold Technician Licensing classes to begin Feb. 12, with 9 people agreeing to help teach.
- Motion was made and passed, to make a \$100 donation to IRA (W8HVG) for all their help, and siting for our link receiver/transmitter in Grand Rapids on the 92nd St. hill.

***** Net Control Schedule *****

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement. Mark your calendar, PDA , etc. to remind yourself of your date.

February	26	N8HCS	Don Smith
March	5	KB8VEE	Tom Vandermel
March	12	KC8HXO	Greg Schippers
March	19	N8LBG	Woody Alrich
March	26	N8YQD	John Sundstrom

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman, N8KCW	847-8377
Newsletter Editor:	John Sundstrom, N8YQD	847-4249

FEBRUARY SPECIAL EVENT STATIONS.....

Baton Rouge, LA: USS Kidd ARC/Baton Rouge ARC, W5KID. 1500Z to 2300Z **Feb 28**. Commemorating the anniversary of the USS Kidd Launch. SSB: 10, 15, 17, 20 m inside General band and above RTTY subband. QSL. W5KID, 305 River Rd, Baton Rouge, LA 70803.

MARCH SPECIAL EVENT STATIONS....

Rapid City, SD: QCWA Dakota Chapter 102, W0DAK. 1500Z **Feb 23** to 0300Z **Feb 24**. Commemorating 25th anniversary of Chapter 102. 21.375 14.275 7.240 3.889. Certificate. Frank Shaw, W0DAK, 118 E Van Buren, Rapid City, SD 57701.

Round Rock, TX: Cen-Tex Contest Group, WA5DTK. 0001Z **Feb 23** to 2359Z **Mar 6**. Commemorating the siege days at the Alamo. 7.265 14.265 21.265 28.465. QSL. Barry Brewer, WA5DTK, 603 Broken Bow Dr, Round Rock, TX 78681-7401. For more information, e-mail jbrewer@constant.com.

Arlington Heights, IL: Peace Corps ARC, KA9NLX. 1600Z to 2300Z **Mar 1**. Celebrating the birthday of Peace Corps, and to honor its volunteers. 7.283 14.325 21.375 28.525. Certificate. John Paskevicz, KA9NLX, RPCV, 1423 North Ridge Ave, Arlington Heights, IL 60004.

Port St Lucie, FL: Port St Lucie Amateur Radio Assn, K4PSL. 1500Z **Mar 1** to 2100Z **Mar 15**. Commemorating the arrival of the NY Mets Baseball team in Port St Lucie for their annual spring and summer training. 28.310 21.350 14.250 14.030. Certificate. Dr Maurice I. Sasson, W2JAJ, 8598 Florence Dr, Port St Lucie, FL 34952.

Daytona Beach, FL: Daytona Beach Amateur Radio Assn, Inc, K4BV. 1800Z **Mar 1** to 1800Z **Mar 10**. 2002 Daytona Beach Bike Week Event. 28.450 21.250 14.265 7.210. Certificate. DBARA/K4BV, PO Box 9852, Daytona Beach, FL 32120-9852. Operation plans include HF phone and PSK31, primarily during daylight hours.

Philadelphia, PA: Phil-Mont Mobile Radio Club, W3AA. 0000Z **Mar 1** to 0000Z **Mar 31**. Celebrating the 50th Birthday of W3AA in the Franklin Institute. 28.393 21.350 14.230 7.240. Certificate. Stephen Hoch, WU3I, 4638 Oakland St, Philadelphia, PA 19124.

Wasilla, AK: Matanuska Amateur Radio Assn, KL7JFU. 2100Z **Mar 2** to **Mar 23**. Celebrating the 30th running of the Iditarod Sled Dog Race. Operation will continue through the day after the last sled completes the race. 28.460 21.315 14.246 7.290. QSL and certificate. Len Betts, NL7NF, 3090 Bald Eagle Dr, Wasilla, AK 99654. Will try to operate all bands. For more information, contact lelbak@yahoo.com.

Trenton, NJ: Delaware Valley Radio Assn, Inc, 1200Z to 2200Z **Mar 10**. Six months after September 11, honoring all firefighters, EMS, police, and victims and their families. W2ZQ on 12.240 and 7.235, W6OI on 28.400 (10X International). QSL. Harry F. Hochman, K2IQN, FF/EMT, 22 Daisy Ct, Whitehouse Station, NJ 08889.

Brainerd, MN: Brainerd Area Amateur Radio Club (BAARC), W0UJ. 1500Z to 2300Z **Mar 9**. \$150,000 Ice Fishing Extravaganza. 28.450 21.350 14.250. Certificate. BAARC, PO Box 801, Brainerd, MN 56401.

Macon, GA: Macon Amateur Radio Club, W4BKM. 1500Z to 2200Z **Mar 16**. Celebrating the 20th Annual Cherry Blossom Festival. 21.335 14.240 voice; 14.055 7.135 CW. Certificate. Macon ARC, PO Box 4862, Macon, GA 31208.

Milwaukee, WI: Milwaukee Radio Amateurs' Club, W9RH. 0000Z to 2400Z **Mar 16**. Commemorating the 85th anniversary of the MRAC. 28.470 14.270 7.260 14.220. Certificate. Tom Schulte, W9RH, 8802 Castle Ct, Franklin, WI 53132. Multiple bands, CW, SSB and FM.

Mount Holly, NJ: NWS-Phi SKYWARN Assn, WX2PHI. 1500Z to 2100Z **Mar 17**. Promoting Hazardous Weather Awareness Week in Pennsylvania. 28.373 14.273 7.273. Certificate. John Holmes, WX3W, WX2PHI Special Event, 126A Worman Rd, Bath, PA 18014-9099.

W8CSO (NOARC) Repeater information:

If the NOARC repeater goes down , use 145.490 simplex

145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on

Time of day 749

“S” meter read back 7

Touch tone pad test 5

Phone patch

*** followed by phone number**

t o disconnect

**** redial last number**

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

Club Net is every Tuesday night at 8PM. Net Controllers please note your assignment found on the calendar and be sure to get a substitute if you cannot take the net.

Club Web Site <http://www.qsl.net/noarc/>. Site has information on Te Ne KE, club events and net schedules.

All licensed amateurs are eligible for membership in the North Ottawa Amateur radio Club. Board meeting held 1 hour before meeting at meeting site.

Annual dues are payable in December . 2002 Dues are \$ 25.00 individual and \$ 35.00 family.

Please send dues to NOARC Box 44, Ferrysburg, MI 49409

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK
MARCH, 2002

From Don Smith, N8HCS, President

Hello to all and I hope you are well. Our class is about over, and all that have started are still in attendance. Two of the class members have already passed their exams and have been issued their license. Please welcome Rick MacDonald KC8THP and Craig Chritilaw KC8THN to the ranks of Amateur Radio. If you hear them on the air please give them a warm welcome.

Henry W8GVK in cooperation with the NOARC will be hosting a ten week FM radio course on understanding FM and our repeater. I have to secure a classroom soon so we can start the class. If you are interested in FM and repeaters please contact Henry hriekels@att.net on the class and give him your e-mail address with a carbon copy to me n8hcs@arrl.net so I can keep you posted of time, dates and place. This will be a win win situation for all, you can learn and the NOARC will have plenty of repeater repair people to keep the 145.49 going. Remember Henry will not always be there to answer the call of the broken machine.

Please keep in mind when you see a fellow ham or fellow club member that we all need to recruit new members to the NOARC. Let's all do our part in promoting Amateur radio and the NOARC. We have put QST Magazine in five area schools to get the younger generation interested in Amateur Radio and this will be followed up by putting on radio demonstrations in our school. Also we are installing a display of Ham radio things in a display case's in the White Pines middle school. If you would like to do Ham radio demonstrations, please contact me.

Our funds in the NOARC treasury are doing OK and we have survived raising the dues. That's a good thing. Also I have been informed we have 53 members right now and that's a good thing also. BUT, I would like to see a hundred members. Is that possible? With all of our fifty members I think it is. Here is what I will do: I will recruit one more member and all you have to do is recruit one more member. JUST ONE! don't over do it. Everyone just recruit one member or a former club member or new ham. Now look at the math. If we have 53 members right now and we all recruit ONE new member that would equal 106 members. If we do this I bet I can get a break on our costs and a few other nice things for NOARC. Just think of the fun we can have with 106 members. All you have to do is recruit JUST ONE new member. Like my old friend Bill Nike says "JUST DO IT"!

Ok that will be all B C N U A little further down the log 73 de N8HCS

Club Announcements : Regular Monthly Meeting at White Pines Middle School on Thursday March 28th at 7 PM.

All are invited to attend the March meeting. Besides the usual drinking of coffee and eating of treats, Greg, KC8HXO will give a presentation on Packet Radio. An actual packet station will be setup for demonstration. There has been a recent interest in packet radio communications by amateurs in the West Michigan area. It is easy to setup a station using a surplus 2 meter radio and a computer. Now You don't even need to buy a TNC. Attend the meeting and find out all about it.

Notice of FCC Exam Session 3/23/02 7 PM at the Lake Shore Middle School

The NOARC and Holland Volunteer Examiners will conduct FCC license examinations at the Lake Shore Middle School on Cutler Street (just west of US 31 on Grant) in Grand haven. The recent Tech class will take their exams along with anyone else who wishes to. The fee is \$10.00 per

Exam given except for Morse code. Please bring 2 pieces of identification to the session and originals and one copy of your current FCC license if you are upgrading to General or Extra Class. Volunteer Examiners from both Holland and North Ottawa will be present to conduct the tests and to Sign off on the FCC forms. Good Luck to the recent class!

Treasurer's Report for March 2002 from Gregg, KC8HXO Account Status as of February 20, 2002:

Beginning Balance of all accounts was \$3216.33, of which checking and savings totaled \$2367.07, and the NOARC endowment fund balance of \$849.26.

Income for the period:1077.07; of which \$.07 was interest on savings, and \$785.00 was Club Dues, and \$280.00 was Te-Ne-KE sales.

Expenses for the period: \$73.60: \$60.00 was Dec. Lounge rental at the GH Community Center, \$13.60 was reimbursement to Greg Schippers for 2 books of stamps.

Ending balance of all accounts: \$4219.80 of which checking and savings total \$3370.54, and the NOARC endowment fund total balance is \$849.26

Please note the chart below represents the status of all club funds at the end of the period:

General Fund: \$3095.54

Repeater Fund: would be NEGATIVE balance after replacement of receiver, new battery, etc. this year

Digital Fund: \$275.00

Endowment Fund \$849.26

Total all funds \$4219.80

This period there were no expenses incurred for the Te-Ne-KE project, and \$280.00 in revenues. The total revenue generated to date are \$2852.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

Minutes of the February 28, 2002 NOARC regular Meeting by John Sundstrom.

1. Meeting called order by Don N8HCS. Member introduced themselves. There were 14 in attendance including Greg Poole, K8GP (one of the founding members).
2. School is going well with 10 students who are all continuing to attend. Exams are slated for Tuesday march 26th.
3. This years SKY WARN training is to be held on Thursday Night March 21 st at 7 PM at the Ottawa County jail & Administrative Building on Phil more Street.
4. NOARC has rented 3 tables for the Marshall Ham Fest and all members in good standing are invited to attend and sell your equipment.
5. Don Smith and John Sundstrom are planning on attending the Cadillac Ham Fest on May 4th at the Cadillac Middle School. We will get one table. Let us know if you plan on attending and want to sell anything.
6. The annual Dayton Hamvention is coming and NOARC will once again maintain a booth in the outside area. We will mainly sell TE NE Ke's. All NOARC members are encouraged to attend and help out at the booth (its also a good place to "rest" and meet with the other folks attending). John Sundstrom and Don Smith are planning on camping at the Dayton KOA campgrounds. Others are welcome to join us.
7. Larry Park suggested that NOARC install a Amateur Station in the upcoming Science Museum.
8. QST for schools. NOARC will purchase subscriptions for 5 area schools: Grand Haven High; Lakeshore Middle; White Pines Middle; Spring Lake High and Spring Lake Middle school. Brad King, N8PFC is funding the 2 Spring Lake schools and Ed Summers KC8LBZ is funding the Grand Haven High subscriptions. The club is funding the other 2. Grand Haven Schools have committed to continuing the subscriptions if the students show interest. See more about it below and on page 4.
9. After the 50/50 drawing, Andrew Young N8ARY gave an fine presentation on the construction and characteristics of the "J Pole" antenna.

To All Michigan Section Clubs:

The North Ottawa Amateur Radio Club has purchased five QST Subscriptions for three middle schools and two high schools in the Grand Haven and Spring Lake area.

This is an excellent example of a local radio club getting involved in educational opportunities that lead to amateur radio licensing.

Congratulations to the North Ottawa ARC for their actions supporting our Section's youth. Thanks to John Sundstrom, N8YQD sundstrj@gvsu.edu , club secretary, for bringing this to our attention.

.....More...

Thanks to Steve McCallum W2ZBY KY Public Information Coordinator for letting us know that the Bluegrass Amateur Radio Society, in Lexington, KY, conducts amateur radio classes as part of the public school's evening classes division which issues regular schedules for each semester that are carried in the local daily newspaper. The announcements includes the class days, hours and name of radio club contact. While the classes have mostly been aimed at passing the lowest ranking license requirements, we have on occasion held classes for more advanced license requirements. The present structure is one hour for theory and one hour for Morse code for 10 weekly sessions. Students have ranged from grade school kids to retirees and between.

Recent Correspondence Between the Club and the ARRL Division Director regarding Getting QST into schools.

Dear John:

I know and understand your frustration with your quest to get lower cost QST into schools.

As you are well aware, this year and next the League is going to be running a considerable "in the red" bottom line. Who knows, maybe after the "Big Project" gets fully funded, and is well under way, there may be some way to follow up on your idea of a reduced subscription cost to QST for those schools involved. It is an idea that will not be forgotten. I just wanted to say a big "thank you" to you personally, and to the members of the North Ottawa Amateur Radio Club, for picking up the cost of QST for 5 schools in your area. You set a good example of a group that cares about introducing Amateur Radio to youth, and it is appreciated.

Thanks and 73,

George Race - WB8BGY
ARRL Great Lakes Division Director

(Note : This was the e-Mail I sent to George race and others at the ARRL—editor)

"Hello Rosalie and others:

I thought I would update you all on our clubs' action on QST for schools.

As you may know, we did not get any break on QST for school libraries. Nevertheless, our club purchased 5 QST subscription for the 3 middle schools and the two High Schools in our service area (Grand Haven and Spring Lake, Michigan).

John Sundstrom, N8YQD, Secretary
North Ottawa Amateur Radio Club"

Recent Communications from Boyd Mason, NE8KE

From: <ne8ke@juno.com>

To:
"donaldjr@ameritech.net"

CC:
John Sundstrom

Date:
Wednesday - March 20, 2002 2:18 PM

Subject:

M F J KEY.gif (197769 bytes)
[\[View\]](#) [\[Save As\]](#)

Did you see the new MFJ key? How are you going to compete with that? The only way is to advertise it is to Guaranteed it for life. NO one else does that. I always excluded the base and the stereo cable though. Anything else you can make a little on when they send you the shipping. There was a key that got one hell of a good write up in World Radio this month and I bought one of those keys three years ago and I didn't think it was worth a damn.

(note NOARC has been guaranteeing the TE NE KE for life for the past 3 years.

Packet radio net on Wednesday Nights ay 7 PM..

This Received from Clarke, K8BP

We have changed the Net Packet frequency from 147.560 MHz to the frequency of 145.070 MHz. Check in 7PM wed night.

At the present time N8YJT and K8BP are sending Beacon signals on this frequency. So please try to connect with these stations. You can also leave messages in their mailboxes at N8YJT-1 & K8BP-1.

With the higher number of packet stations getting on the air, this change was made to separate the Muskegon area packet stations from the DX Cluster transmissions sent by the Holland club K8DAA.

Looking for your connect on packet.

CUL

******* Net Control Schedule *******

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement. Mark your calendar, PDA , etc. to remind yourself of your date.

April 2	Beverly Traxler	KC8JWA
April 9	Dean Whitney	KF8NS
April 16	Brad King	N8PFC
April 23	John Sundstrom	N8YQD
April 30	Charlie Osborn	KB8HU
May 7	Don Smith	N8HCS
May 14	Tom Vander Mel	KB8VEE

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman, N8KCW	847-8377
Newsletter Editor:	John Sundstrom, N8YQD	847-4249

W8CSO (NOARC) Repeater information:

If the NOARC repeater goes down , use 145.490 simplex

145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on

Time of day

“ S” meter read back 7

Touch tone pad test 5

Phone patch

*** followed by phone number**

t o disconnect

**** redial last number**

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

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Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK

May, 2002



From Don Smith, N8HCS, President

As some of you may know or should know this last week was the big Hamfest in Dayton Ohio. This is the Godfather of all Hamfest. But what you may not know is that this is the first time that I have attended this event ! It all started last year when I didn't attend and John N8YQD since then has been making sure that I went this year. Are you sure your going?. I have the tickets, I will pay for the gas, make a list so you don't forget anything, and so on and etc. Last week Sunday I started packing and packing, making a list and checking it twice taking things over to pack in John's van in advance, on Wednesday the day of departure I called John and made sure we had everything: tent, lantern, matches, turtle soup and all the wonderful things we would need for this most excellent adventure. About 11:30 we were ready to go and so south and east we headed, talking about all the events and great deals we were going to get and on we went occasionally changing drivers and going on about what to expect. The drive went pretty fast and we arrived in Dayton about 5:00 pm. Now to find the KOA campground and set up camp. After missing a few exits and finally asking directions we were able to locate the campgrounds and after we checked in they took us to our site where we felt right at home among all the super campers and diesel pusher motor homes and big fancy trailers in our 10 by 12 Trail camp tent. The first night it was hard to go to sleep thinking about going over during setup the next day which was Thursday the day before the Hamfest actually began. At 04:30 and that's am I was up had the coffee pot turned on and waiting for John to wake up on his own while I made enough noise to wake up the whole neighborhood he woke and finally after a big breakfast of wheat checks we put some sandwich stuff in the cooler and were off to the arena. We arrived about 7:00 am and it didn't look like much except a big parking lot and a bunch of people looking like they were trying to set up a circus. After a couple of hours of people unpacking I realized this is the biggest Hamfest I have ever seen. So we found our spot that we had to sell Te Ne Ke's out of and parked the van and decided to go and help people unpack, so as to make sure all the other vendors would not sell there items too cheap to anyone else. I took advantage of a few presale deals. John must not of thought this was just quite right because every time I would buy something at a low price he felt that in order to make things OK he kept selling my stuff at a price it should have been. Now you may not think that this would be a problem but by the middle of the next day the first day of the swap after paying my half of the groceries and campsite and buying a sleeping bag and pillow (must of not got on the list) and a bunch of stuff from my presale shopping, I had about a hundred bucks more than I had when I started, plus a car full of goodies. So in order to correct the problem I went about an hour before closing the last day we were there and bought a few things I knew I would be able to bring home cause he would not have enough time to sell them. Now as far as the Te Ne KE sales went we sold out and I have to hand this to the fact that the Simmons, Roger and Phyllis have to be the greatest sales people of the weekend. It seems that they sold most of the keys. On Thursday It started to rain after there shift was up but they had already sold quite a few keys and Craig KC8THN came around about rain time to help sell key's but there was no sense in setting in the rain when everyone went inside. On Saturday Tom N8GNA came around to donate some time to selling Te Ne Ke's but they were all gone! Now inside was another story! Al though I spent most of my time in the flea market I did go inside to look around like a kid in the candy store. WOW ! There was every body: Kenwood, Icom Ten-Tec, MFJ, Yaesu, ect. If it had anything to do with amateur radio it was there (500 vendors). (See Page 4 for the rest of the story.)

MAY 23 NOARC CLUB MEETING AT WHITE PINES MIDDLE SCHOOL 7 PM

At this months NOARC we will have Bill Smith the Ottawa County Emergency Manager, Jim Tanis KB8ODB our Emergency Coordinator, and Rick Elushik N8GGO our Sky warn Coordinator. They will be talking about some changes coming in Ottawa County in the ARES program because of background checks of people being needed in the County. This is Bill Smith's first NOARC meeting..

Minutes of April 25, 2002 NOARC Meeting Held at lakeshore Middle School by John N8YQD

1. Meeting called to order by Don N8HCS at 7:30 PM. 18 members were present.
2. NOARC received a thank you note from GH High for the gift of the QST Subscription.
3. IRA Needs help setting up for the 6/1 Hamfest in Grand Rapids. Don, Lou & John Will help
4. Field Day Report: Station Captains : 20 Meters-Jeff Olsen; 40 Meters-Dan Whisman; 15/80 Meters Lou Meisch; food committee Phyllis Simmons; QRP John Sundstrom Place Rygenga Park in Spring Lake Township.
5. Tulip Time Volunteers are needed for 5/8, 5/9 & 5/11. Contact jdlamer @egl.net.
6. Don Meyers asked for help for the 5/25 YMCA Run in Grand Haven. This is a fun event that only takes a 2 hours time slot in the morning. Call Don at 846-7307 and sign up to help out.
7. Upcoming Hamfest that NOARC will provide a booth are: Cadillac on 5/4; Dayton, Ohio on 5/17 & 5/18,

Treasurer's report by KC8HXO, Greg Schippers

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Expenses for the period: \$133.48 of which \$18.48 was a reimbursement to John Sundstrom for Feb newsletter costs; \$100 was a donation to the IRA (W8HVG Repeater system); \$15 was annual Michigan Area Repeater Council dues.

Ending balance of all accounts: \$4698.05 of which checking and savings total \$3843.30, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund: \$3568.301

Repeater Fund: would be NEGATIVE balance after replacement of receiver, new battery, etc. this year

Digital Fund: \$275.00

Endowment Fund \$854.75

Total all funds \$4698.05

AMATEUR RADIO ITEMS FOR SALE /Trade/Swap

FOR SALE HTX 404 single band uhf hand held transceiver. I have for sale a like new but used Realistic HTX- 404 with batteries, antenna, book, box, and everything else that you would get with a new rig, except warranty... These rigs are bullet proof with plenty of power to cross band into your mobile. Also with the IRLP now in Grand Haven it would be a good rig just for that, work the world on your HTX-404 hand held UHF radio will take best offer over \$60.00 for more info or pictures email me at n8hcs@arrl.net

Outbacker Mobile Antenna with quick disconnect. Works on all HF bands. including 17 and 12 M New \$275, my price \$150. Call John, N8YQD.

FOR SALE BY N8HCS

ICOM 706 FIRST EDITION WITH ALL THE GOODIE'S \$500.00

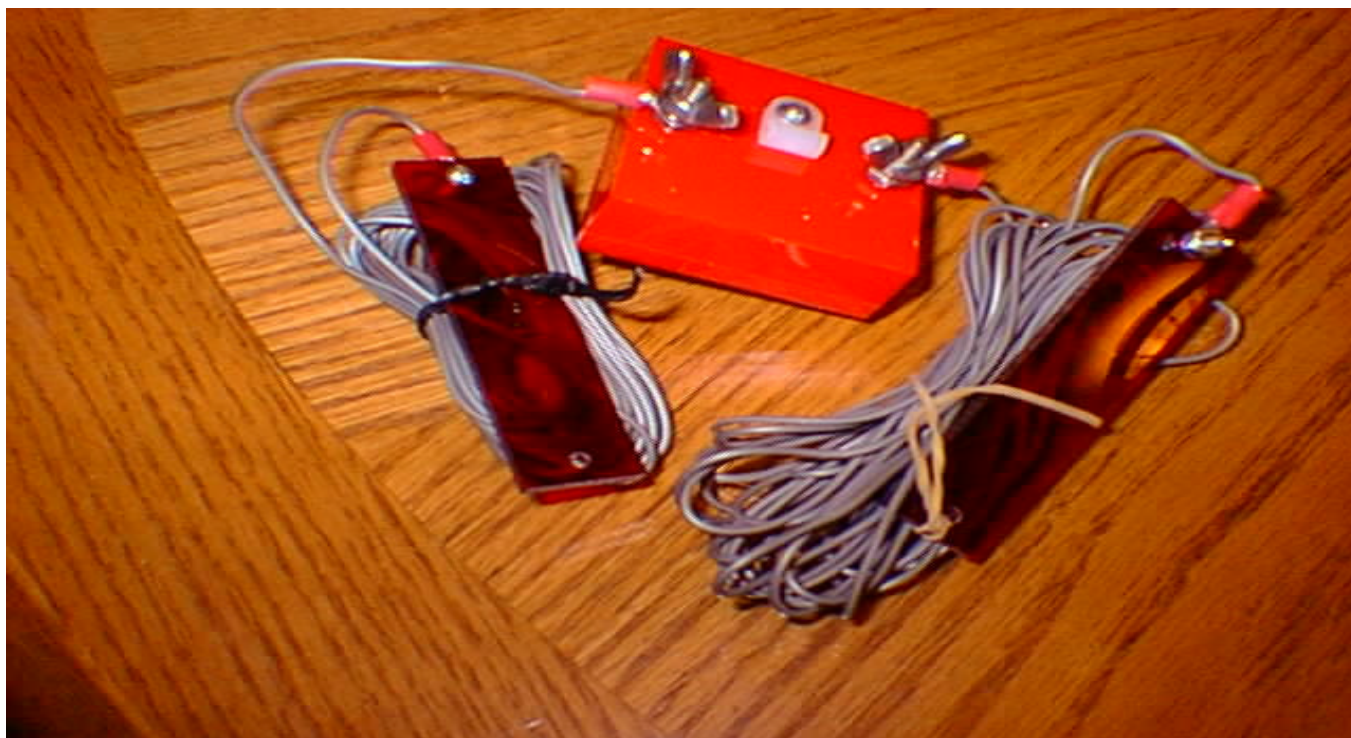
NICE LOOKING GOOD WORKING KENWOOD 520 \$250.00 KENWOOD VFO-520 \$100.00 KENWOOD DG-5 DIGITAL DISPLAY \$100.00

YAESU FT 101 \$250

PROCOM MOBILE ANTENNA KIT (5 HAMSTICKS TYPE THING) \$80.00

KENWOOD TS-180 SOLID STATE RIG WITH MATCHING POWER SUPPLY \$350.00

This Column is for any member in good standing to list their items for sale. E-mail you items with price and description to Sundstrj@gvsu.edu if you want them listed here. You may also Mail me your written description if you do not have e-mail. Mail to N8YQD, Box 44 Ferrysburg, Mi



Picture Of Bev Traxlers's QRP antenna she made for use with her 20 Meter MFJ QRP radio

(DON SMITH'S CONTINUED)

I saw every thing from microwave antenna's to microwave ovens and from guys walking around dressed like military with 8 foot antenna's coming out of their backpacks to refrigerators, IT WAS THERE! Need a coffee cup or a hat with your call on it? It was there. Need a badge or license plate made? It was there. Need a aluminum ladder or a electric car? It was there! Every thing was there, even Gordon west and Chuck from Holland, the Russians , the Japanese, the Italians. They were all there. Even about thirty thousand Americans and a bunch of bomb smelling dogs were there. And we survived WOW without a net and very little sleep we survived. I could go on and on about things but I will hopefully have the rest of the story by the next newsletter time. I would like to thank John N8YQD for getting me to Dayton and I would like to thank Roger and Phyllis Simmons, Craig KC8THN Tom N8GNA and everyone that has helped with the Te Ne KE project (Boyd Mason of course for inventing the key and getting the club started).

The NOARC took in over eight hundred dollars this weekend on Te Ne KE sales and to all of you: **SALUTE!**
For now this is Don N8HCS saying 73 and c u a little further down the log AR SK

(Picture on next page is of just one smaller room in the HARA Arena during the Dayton Hamfest 2002)

Future ham Fests (CLIP AND SAVE)

Date	Location	Talk in Frequency	Fee	Contact Number
May 17-19	Dayton, OH	146.94 /-600	\$ 22	937-236-6930
June 1	Hudsonville	147.16	\$ 5	616-698-6627
June 15	Midland	147.000 +600	n/a	989-643-5101
June 22	Hastings	146.46	free	peted@msgexp.net
August 25	Lapeer	146.62 -600	\$5	810-245-3907
September 15	Adrian	145.370-600	\$5	kc8jvw@te3net.com
October 13	East Lansing	145.390-600/100hz	\$5	517-393-2787
October 13	Kalamazoo	147.040	\$4	



******* Net Control Schedule *******

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement. Mark your calendar, Post in the shack, to remind yourself of your date.

May 21	Greg Schippers	KC8HXO
May 28	Woody Aldrich	N8LBG
June 4	Beverly Traxler	KC8JWA
June 11	Dean Whitney	KF8NS
June 18	Brad King	N8PFC
June 25	Charlie Osborne	KB8HU

Contact John, n8yqd for schedule changes, ect.

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman, N8KCW	847-8377
Newsletter Editor:	John Sundstrom, N8YQD	847-4249

W8CSO (NOARC) Repeater information:

If the NOARC repeater goes down , use 145.490 simplex

145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on

Time of day

“ S” meter read back 7

Touch tone pad test 5

Phone patch

*** followed by phone number**

t o disconnect

**** redial last number**

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

Club Net is every Tuesday night at 8PM. Net Controllers please note your assignment found on the calendar and be sure to get a substitute if you cannot take the net.

Club Web Site <http://www.qsl.net/noarc/>. Site has Te Ne KE info, past newsletters and net schedules. Webmaster is Alan Groenleer KF8VN (thanks!)

An informal packet group monitors 145.070.

All licensed amateurs are eligible for membership in the North Ottawa Amateur radio Club. Board meeting held 1 hour before meeting at meeting site.

Annual dues are payable in December . 2002 Dues are \$ 25.00 individual and \$ 35.00 family.

Please send dues to NOARC Box 44, Ferrysburg, MI 49409

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK

June, 2002



From Don Smith, N8HCS, President-see page 7

Field Day 2002 -Don't Miss it!

Thursday June 20th: 6 PM NOARC Meeting & Dinner at the Field Day Site at Rycenga Park (See map on Page 6) .

have a hot dog & and bring a dish to pass. Next, plan out antennas, site locations, ect. for the big event on Saturday.

Saturday June 22 7 AM : Hearty breakfast served by Phyllis & Bonnie at Rycenga Park. Then, setup antennas, ect.

Contacts begin at noon and run until 2 PM Sunday.

Be sure to sign up for a shift of making radio contacts.

Sunday June 23: Breakfast served at 8 AM. Then it's the final sprint to the finish at noon. After lunch, teardown of tents, antennas, ect and cleanup.

News Flash! ARRL will be on site to film our efforts on. Saturday morning. Let be sure to have a good turnout!

Don Meyer, Brad & Don Smith, Greg Schippers, Roger Simmons and Tom VanderMehl setup a beam antenna at a previous field day. This year there will be a separate battery only QRP Station (5 watts power) besides 4 -100 watt stations.



Minutes of May 23, 2002 NOARC Meeting Held at lakeshore School

1. Meeting called to order by Don N8HCS at 7:30 PM. 26 members and guests were present.
2. Dayton Report: 24 Te Ne Ke's were sold for \$840. Don Thanked those who helped out both here & at Dayton..
3. IRA Needs help setting up for the 6/1 Hamfest in Grand Rapids. Don, Lou & John Will help.
4. Field Day Report: Station Captains : 20 Meters-Jeff Olsen; 40 Meters-Dan Whisman; 15/80 Meters Lou Meisch; food committee Phyllis Simmons; QRP John Sundstrom Place Rygenga Park in Spring Lake Township. Phyllis has sign up sheet. Next meeting at the site.
5. The YMCA run is Saturday May 25th. Don Meyer is looking for help. He has 6 and needs 6 more hams.
6. Ken Sanders won the 50/50 drawing and donated the proceeds to the club.
7. The Program was on the New Emergency Management background screening. Rick Elusk , N8GGO and Bill Smith (Ottawa County Emergency Management) made a presentation about their requirement for background checks on Amateur radio volunteers. The ARES Program in Ottawa County is out as their position is not in step with the ARRL. Rick said that if a person has an old felony or misdemeanor on their record and comes forward ,that they will work to get the record expunged so the person can serve. Bill Smith predicted that the ARRL will need to change their stance due to tightened security after 9/11. Much discussion followed.

Treasurer's report by KC8HXO, Greg Schippers

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Endowment Fund \$854.75

Total all funds \$4698.05

AMATEUR RADIO ITEMS FOR SALE /Trade/Swap

By Phil Johnson: Lifetime collection of Radio stuff for sale 9 AM Friday and Saturday June 21 & 22 at Liberty Woods Housing (Near Spring Lake Presbyterian Church. Items for sale include Transformers, capacitors, couplers, And many other components. Phil would appreciate your dropping by!

==>KID'S DAY IS JUNE 15!

Kid's Day, Saturday, June 15, from 1800 to 2400 UTC, is a chance to invest in the future of Amateur Radio. Scheduled twice a year, in January and June, Kid's Day is an opportunity for amateurs to introduce their own youngsters, young relatives or neighborhood kids to the magic of Amateur Radio and, in the process, to perhaps open the door to a lifelong hobby. Activity is on 20, 15 and 10 meters as well as locally on VHF, including repeaters. Suggested frequencies are 14,270-14,300; 21,380 to 21,400, 28,350 to 28,400 kHz and 2-meter repeaters (with permission from the repeater sponsor).

Kid's Day is not a contest. It's more of a social event, where an experienced operator facilitates getting the youngsters on the air so they can enjoy the fun of ham radio. The licensee need only keep an eye on the technical and legal aspects of the operation—including observing third-party traffic agreements and identifying every 10 minutes--and lend an Elmering hand as necessary. The idea is to help the kids find someone they're comfortable talking with and to just let them enjoy themselves. In Kid's Day, it's quality of the contacts, not quantity, that counts.

To provide a little framework, it's suggested to have youngsters exchange name, age, location and favorite color with other participants they meet on the air. It's OK to work the same station more than once if the operator has changed. Stations may call "CQ Kid's Day."

ARRL's Jean Wolfgang, WB3IOS, encourages having youngsters make drawings during periods of slow radio activity which reflect their feelings about Amateur Radio and Kid's Day. "We are collecting these drawings—they can be done by computer or crayon--and we'll use some of them to design a new Kid's Day certificate," she said. Submittals should include the child's name and age as well as contact information (including e-mail, if available) for the sponsoring amateur. Send the artwork to jwolfgang@arrl.org or to ARRL, Kid's Day Artwork, 225 Main St, Newington, CT 06111.

"The kid sitting beside you may or may not be a ham in the years to come," Wolfgang says, "but I'll bet that you will both have a good time--and who knows what the future will bring?"

All participants are eligible to receive a colorful certificate. Visit <http://www.arrl.org/FandES/ead/kids-day-survey.html> to complete a short survey and post your comments. You will then be able to download the certificate page. Or, you can send a 9x12 self-addressed, stamped envelope to Boring Amateur Radio Club, PO Box 1357, Boring, OR 97009.

Details on Kid's Day are available on the ARRL Web site <<http://www.arrl.org/FandES/ead/kd-rules.html>>.

Right: Picture of the NOARC QSL card we will send out to hams who contact us during this year's Coast Guard Special Event Station that the club will operate from noon Friday August 2nd till noon Saturday August 3rd. This is always a fun event. Be sure to mark off some time to come and operate the station. Information about the Special Event will be published on the August 02 issue of QSL.



Future ham Fests (CLIP AND SAVE)

Date	Location	Talk in Frequency	Fee	Contact Number
June 15	Midland Fair Gnds	147.000	n/a	Eldon,989-643-5101
June 22	Hastings	146.46	free	peted@msgexp.net
August 4	Angola, Ind	147.180 131.8 PL	\$4	DCLARK@aol.com
August 25	Lapeer, MI	146.62 -600	\$5	810-245-3907
September 14	Grand Rapids	147.26 +600	\$5	Ed @ 616-458-9029
September 15	Adrian	145.370-600	\$5	kc8jvw@te3net.com
October 13	East Lansing	145.390-600/100hz	\$5	517-393-2787
October 13	Kalamazoo	147.040	\$4	
November 13-14	Fort Wayne , Ind			



Photo of one of many beautiful Ohio Barns Don Smith and John (Editor) saw while returning from Dayton 2002

***** Net Control Schedule *****

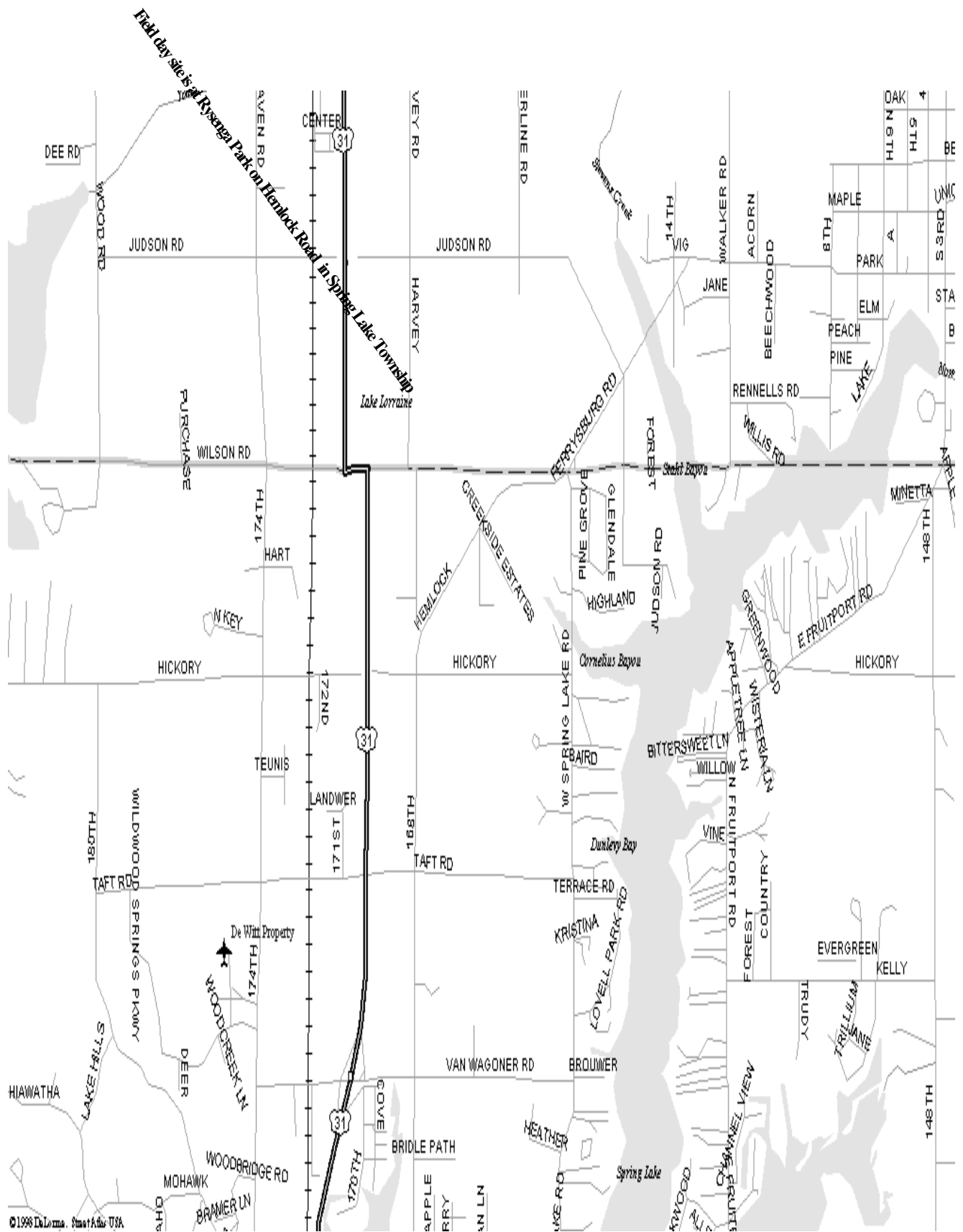
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June 4 Beverly Traxler KC8JWA
June 11 Dean Whitney KF8NS
June 18 Brad King N8PFC
June 25 Charlie Osborne KB8HU
July 2 John Sundstrom N8YQD
July 9 Mike Martens WA8CTK
July 16 Don Smith N8HCS

Contact John, n8yqd for schedule changes, ect.

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From President Don Smith, N8HCS

OK well here we are again for the big month of June. More on that later but first here is a few more thoughts about Dayton.

This year as you may remember was my first trip to Dayton, Ohio Hamvention. I encourage all to go. I think we could have a blast. You don't have to stay at the Dayton Hilton and eat \$100.00 a plate meals. I had more money the second day of the hamfest than when I started and that's after I paid for camping and food and bought a couple of low band rigs. You just have to know how to hustle a little bit. But for those of you who don't hustle or have a tight budget listen to this. My good friend John Sundstrom is putting together a program for next year to enable all you folks who are cutting it slim at the end of the month. Just stay tuned for further info. on that but meanwhile if you would like to go next year and like camping and like having a blast with your fellow amateurs just give I or John a call and we will enlist you into the "Dayton 2003 easy on the budget travel plan". Lets call it the Dayton Blast 2003 for now.

Any way getting back to June, the Hamfest in Hudsonville was a success. The same thing happened there as it did in Dayton. I don't understand it, I went there with nothing to sell, paid for my campsite and ticket to get in and left with \$40.00 more than I came with, and with a qrp rig and a big stack of swan equipment! You figure it out. I was doing OK until I stopped to a garage sale on the way home and bought a Makita 12 volt cordless drill for \$60.00 but I need that for working.

Now for some serious stuff.

I have been informed that this will be a very big month for our field day and would like anyone with a talent for field day to step forward and help us with this project. CW operators, Antenna specialist and so forth... Especially operators. If you have some equipment we can use, Bring it. We want you there so put aside all the and moaning and groaning about how your feelings were hurt by someone in the past. We are grown up now so check your attitude's at the gate. We have a chance to be a part of some important project of the ARRL's video programs and would like to put on a real good field day this year. I have heard talk of towers and beams and kites with long wire's attached 40 meter delta loop beams and satellite work. In other words a whole fisherman's platter of ham radio things going on. Oh, and did I mention the food? We have some of the top food experts on the program this year and they assure me that there will be plenty to eat. Even healthy food for all us health nuts. Are you going to run with the BIG DOGS this June or just sit on the porch?? You can sit on the porch if you want and I won't talk about you behind your back, (yeah right!!)

What I really feel is that we have a lot of talent in our group and I think you should be proud to be a Amateur and a NOARC member and would like to see some of that good talent put to work, and that's all I have to say about that.

Thanks for reading this stuff. If you have something you would like to say maybe a good experience involving ham radio or a trip you took please feel free to send it to the editor.

Look here next month for what you either enjoyed or missed on Field Day 2002

thanksabunch N8HCS 73

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145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on

Time of day

“ S” meter read back 7

Touch tone pad test 5

Phone patch

*** followed by phone number**

t o disconnect

**** redial last number**

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

Club Net is every Tuesday night at 8PM. Net Controllers please note your assignment found on the calendar and be sure to get a substitute if you cannot take the net.

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North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK for July 2002

President's Perspective by Don, H8HCS

Can you hear it? I can hear it... some times it is so loud that it is all I can hear. What is it that keeps ringing in my ears you ask? It is the sound of people blowing their own horn. And could be most anybody but being that this is the NOARC spark news letter the people I am referring to are usually **old** NOARC members. Now usually this is no big deal but when you're always driving for new members and old members to become new again this noise is really irritating.

Horn blowing is loud and usually catches me off guard and would even at times throw off my equilibrium not to mention a witty come back. There are a lot of Hams out there that did in fact do a lot for our club in the past. There is no question there, but what happened? Not enough recognition I am sure. So, no one else will blow our horn and then we do it ourselves. That's great that these horn blowers did so much for our NOARC in the past but what have you done lately?

I will tell you that, yes in fact you are wonderful people and you did a lot for the NOARC but you are now blowing your own horn so loud it makes me forget all the good you actually have done. There are new and old club members right now that have done so much and I cant even mention their names without getting permission so I wont cause I know they don't want any praise though I hope they know who they are. Well I guess I can tell you who they are! They are the ones you always see showing up to help out, to raise money with projects, the ones who have always been and will always be there to help out who donate a lot of time and or money, and most of all THEY ARE THE ONES WHO DON'T HAVE ANY HORNS TO BLOW!!!

OK I think you get my drift so enough on that, now about Field Day. This must have been the best field day I have ever attended and I have not missed many since 1984.

We had a great turn out with Reverend Dan kicking off the event by putting a good word in for us with his boss. We spent most of sat morning setting up some pretty great and pretty great big antennas like a two element delta quad beam for 40 meters and also one for 20 meters, complements of Jeff Olson and our resident antenna Guru Lou Meisch. Lou had some big antenna for his 80/15 meter station. I sometimes think Lou figures bigger is better no matter what configuration it comes in though I operated his station and I can tell you it worked great.

Oh don't let me forget to tell you that all morning the ARRL guys were filming us for this big project they have going over there on the left left hand side of this US of A. It will be some type of DVD ROM business card thing there making, hope we can get a copy.

Also the photo guy bought a TE NE KE from us, tried to give him one but he insisted on paying for it so there you go I guess you just can't give those TE NE KE's away

Last year Andrew N8ARY tried to use a weather balloon to hoist up his antenna but the wind kept blowing it down to the ground (darned wind) so this year he decided to get a six foot kite and use 300 feet of thirty pound downrigger cable for kite string and also as a long wire and not a breeze to be found (darned wind).

I must of gained a lot of weight that weekend thanks to Phyllis KC8NLN and all the other people who under her leadership put on the best feedbag of all times. Nobody went hungry that's for sure!

Woody N8LBG showed up to inspect everything and give it his official okee dokee and that was good.

About ten o'clock Saturday night I told Lou I would be right back I hope he isn't still waiting for me. I went to lay down for a hour or so and the next thing I know the sun is up but no one else is but that is ok

I have been assured that we made about a gazillion contacts and even more in points.

There are so many things good that happened that weekend that it would be a newsletter in itself. Also John N8YQD is waiting for me to get done with his computer here so he can get the news letter out (late as usual you know)

So we will be seeing you at the special event station down at the Coast Guard Station. Also be sure to help with the other events (see page 3).

73 for now de N8HCS

For field 2002 day pictures see John Wehmer's (WB9JSR) website: <http://users.netonecom.net/~johnw/NOARCFD2002.htm>

Treasurer's Report

Account Status as of June 18, 2002:

Beginning Balance of all accounts was \$4698.05, of which checking and savings totaled \$3843.30, and the NOARC endowment fund balance of \$854.75.

Income for the period: \$575.14 of which \$3.14 was interest on savings; \$325.00 was Te-Ne-Ke sales at Cadillac hamfest & 2 by mail; \$225.00 was club dues paid; \$10.00 was 50/50 drawing at March meeting; \$12.00 was 50/50 Drawing from April meeting;.

Expenses for the period: \$78.59 of which \$16.20 was a reimbursement to John Sundstrom for March/April newsletter costs; \$20.00 was PO Box annual fee; \$42.39 was reimbursed to Greg Schippers for new 30 cup coffee pot.

Ending balance of all accounts: \$5194.60 of which checking and savings total \$4339.85, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund:	\$4064.85
Repeater Fund:	\$0
Digital Fund:	\$275.00
Endowment Fund	\$854.75

Total all funds \$5194.60

This period there were no expenses incurred for the Te-Ne-Ke project, and \$325.00 in revenues. The total revenue generated to date are \$3492.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

***** Net Control Schedule *****

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement.

July 23	KC8JWA	August 6	N8PFC
July 30	KF8NS	August 13	N8YQD
		August 20	KB9HU
		August 27	N8HCS

NOTE: This information is also found on the NOARC Web site

Upcoming NOARC Events

Tear out and save this!

Thursday July 25th 7 PM NOARC Fox Hunt in lieu of a regular Club meeting..... Meet at Michaels Restaurant (Formerly the Hob Nob) on Pontaluna Road, just west of US-31, at 7:00 PM, and set up teams to look for the fox. Get out your direction finding antennas! Invite a non-ham, or prospective ham out for this event– ANYONE can participate!! Have coffee afterwards at Michael's. See map and instruction sheet elsewhere in this issue.

Saturday July 27th. 8 AM Coast Guard Run sponsored by the YMCA. We need 15 Hams who want to have fun and earn a Tee Shirt. Contact Don Meyer, KB8ODB at 846-7307 or dmeyer@webshore.net

Saturday July 27 th 10 AM Coast Guard Kids Parade we need 10 hams to help right after the YMCA run. Contact Don Meyer 846-7307 or dmeyer @webshore.net

Friday & Saturday August 2-3. Noon start. Special Event Station on the front lawn at the Coast Guard Grand Haven Station. We need operators and people to help Lou Meisch, N8KYO put up antennas. Let Don Smith, N8HCS or John Sundstrom, N8YQD, know you want to operate. This is really a fun event! Show up Friday morning at 8 AM on august 2 to put up antennas.

Saturday August 4th 11 AM. Coast Guard Parade in downtown Grand Haven. We need 25 Hams to help out. Contact Don Meyer, KB8ODB at 846-7307 or dmeyer@webshore.net.

Please let Don know by e-mail or phone which events (hopefully all) that you can provide assistance.

I have new shipment NOARC caps and Tee Shirts. C caps are \$10.00 and Tee Shirts are \$15.00 . John Sundstrom, N8YQD; 847-4249; sundstrj@gvsu.edu.

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Program Director:	Dan Whisman ,N8KCW	847-8377

RULES FOR NOARC FOXHUNT

1. The hidden transmitter and operator should be hidden in an engine-driven, wheeled vehicle capable of traveling on a typical city street.
2. The hidden transmitter may not use more than 100 feet of transmission line; no link transmitters may be used.
3. The hidden transmitter must use the same antenna, configuration, antenna orientation, and effective radiated power for all transmissions.
4. The transmitter signal must be easily heard at the starting location on a quarter-wave, vehicle-mounted ground plane antenna. Transmitter operators should make sure of this in advance of the hunt.
5. The transmitter vehicle must be readily visible in daylight or with a flashlight at night. Persons in the transmitter vehicle must be readily visible from the exterior of the vehicle.
6. The transmitter vehicle must hide on public land or on private land with public status (e.g. a parking lot) and must be easily accessible by ordinary two-wheel drive hunt vehicles.
7. The hidden transmitter shall transmit for thirty seconds every 4 1/2 minutes (i.e. for thirty seconds
On the five-minute mark); warning transmissions must be given thirty seconds in advance.
8. Additional transmissions may be provided only after the first two hunt vehicles have found the transmitter. Any additional transmissions must be announced thirty seconds in advance.
9. The transmitter operators may announce when they have been found, but only at the next regular 4 1/2 minute transmission; who found the transmitter should not be announced.

Hunt Frequencies: **146.43 (primary)**
 147.48 (secondary)

Note: Please does not give the secondary frequency on the air. If QRM develops, the hunt control station will ask all stations to go to the secondary frequency.

Coordination will be on the 145.49 Repeater

Hunt Boundaries:

North: Muskegon County Airport Porter Rd
South: Taft Rd
East: I-96
West: Lake Michigan

W8CSO (NOARC) Repeater information: If the NOARC repeater goes down , use 145.490 simplex

145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on Time of day 749

" S" meter readback 7

Phone patch

* followed by phone number

t o disconnect

** redial last number

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

Club Net is every Tuesday night at 8PM. Net Controllers please note your assignment found on the calendar and be sure to get a substitute if you cannot take the net. Club Web Site <http://www.qsl.net/noarc/>. Site has information on Te Ne KE, club events and net schedules. All licensed amateurs are eligible for membership in the North Ottawa Amateur radio Club. Board meeting held 1 hour before meeting at meeting site. Annual dues are payable in December . Dues are \$ 25.00 individual and \$ 40.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK for August 2002



Craig Christilaw and Roger Simmons work a contact during the NOARC Coast Guard Special Event that capped a busy Time for the club. About 100 contacts were made over the 24 hour period. So far, 28 QSL cards have been received. Phyllis Simmons, Don Smith, Lou Meisch and Tom Vandermehl also participated.

In this Issue:

Page 2 Treasurer's Report and Net Control Schedule For August and September.

Page 3 Schedule of upcoming events. Please read carefully.

Page 4 Fox Hunt Invitation from MAARC and a Field Day Picture.

Page 5 Flier on the September 14th Ham Fest held at the Forest Hills School in Grand Rapids.

Page 6 Club and repeater information.

The Meeting this month is on August 29th at 7 PM at the White Pine Middle School in Grand haven.

²Treasurer's Report Account Status as of July 19, 2002:

Beginning Balance of all accounts was \$5194.60, of which checking and savings totaled \$4339.85, and the NOARC endowment fund balance of \$854.75.

Income for the period: \$1113.90 of which \$.90 was interest on savings; \$910.00 was Te-Ne-Ke sales at Dayton and IRA hamfests & 1 by mail; \$103.00 was made at IRA swap on items donated to NOARC by Bob Ogle, WA8QIE; \$36.00 was cash donations at Field Day; \$20.00 was a donation made by Clarence Smith, KA8PJN, to NOARC at May meeting; \$24.00 was 50/50 Drawing from May meeting; 20.00 was donated to NOARC for use of the table at IRA swap by Bill Franks, K8BIL. Expenses for the period: \$502.42 of which \$279.17 was a reimbursement to John Sundstrom for EZ-up NOARC shelter, and Field day expenses; \$32.32 was reimbursed to Andrew Young, N8ARY, for Field Day expenses; \$70.93 was reimbursed to Greg Schippers for Field Day expenses; \$120.00 was reimbursed to Phyllis Simmons, KB8NLN, for Field Day expenses.

Ending balance of all accounts: \$5806.08 of which checking and savings total \$4951.33, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund:	\$4676.33
Repeater Fund:	\$0
Digital Fund:	\$275.00
Endowment Fund	\$854.75
Total all funds	5806.08

This period there were no expenses incurred for the Te-Ne-Ke project, and \$ 910 in revenues. The total revenue generated to date are \$4402.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

=====

73, Greg Schippers, KC8HXO

***** Net Control Schedule *****

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement.

Aug 20 Charlie Osborne KB8HU

September 24 Dean Whitney, KF8NS

Aug 27 Don Smith, President N8HCS

Sept 3 Tom Vandermehl KB8VEE

Sept 10 Woody Aldrich N8LBG

Sept 17 Bev Traxler KC8JWA

Upcoming NOARC Events

Thursday August 29 7 PM : Regular Monthly NOARC meeting at the White Pines Middle School. Come early and eat treats , drink coffee and talk to your fellow hams. After a short business meeting, we will have a presentation by Ed Somers, KC8LBZ, on the NTSC Traffic handling System.

Saturday September 7 th : Fox Hunt and Picnic afterwards with the Muskegon Club. Meet at the Fruitland TWP Fire Department. After the fox has been found, the Muskegon club host a potluck back at their clubhouse. They will furnish the main course but Bring a dish to pass. Muskegon will furnish the fox and net controller. See the announcement elsewhere in this issue.

Saturday September 14th: Hamfest at the Forest Hills Northern High School on 3801 Leonard NE just east of I-96 in Grand Rapids. NOARC will have 3 tables for the use of all members in good standing who wish to sell thier items. Talk in is on 147.26 +, 94.8 Tone and also on 146.52 simplex. Tickets are \$5 . Come and look for bargains.

Thursday September 26th 7 PM: Monthly meeting at the White Pines Middle School. Program TBA.

Don't forget to check into the net every Tuesday nite at 8 PM on 145.49 mhz. After the net, come down to Russ' in Grand Haven for coffee and fellowship. Also, NOARC members meet informally for breakfast every Saturday morning at 7 AM at the Pine Street Café in Ferrysburg.

I have new shipment NOARC caps and Tee Shirts. C caps are \$10.00 and Tee Shirts are \$15.00 . John Sundstrom, N8YQD; 847-4249; sundstrj@gvsu.edu.

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman ,N8KCW	847-8377

FOX HUNT

**MAARC INVITES YOU TO PARTICIPATE ON SATURDAY, SEPTEMBER
7TH**

TIME 2:00 PM

STARTING LOCATION: FRUITLAND TWP.

FIRE BARN

4206 DUCKLAKE RD.

POT LUCK TO FOLLOW AT THE MAARC CLUB HOUSE SCENIC DRIVE

THE HUNT FREQUENCY 147.435

HUNT ADMINISTRATOR 146.640

TALK IN FREQUENCY: 146.820

Bring a dish to pass for the potluck.



From this year's field day. Many NOARC members help erect the triband beam used by the QRP station. The QRP station made 206 contacts during the event and scored about 1800 points. The main class 3A Station also did very well. Results for the contest will posted in the Dec QST.

For field 2002 day pictures see John Wehmer's (WB9JSR) website: <http://users.netonecom.net/~johnw/NOARCFD2002.htm>

HAMFEST 2002



Annual Electronics, Ham Radio, CB, Shortwave equipment,
and Computer, Swap Meet / Fleamarket—since 1947!

Grand Rapids, MI

Saturday, September 14, 2002

FOREST HILLS NORTHERN HIGH SCHOOL



ARRL approved

Amateur radio license VE exams, ARRL VEC, 11AM



Tickets \$5 at the door

not required of High School and younger students with
valid student ID, or those only taking VE exams.

Indoor 8 foot length reserved tables \$10 ea*

Outside "trunk" spaces no extra charge.

About 50 additional non-reserve indoor 5 ft round and "bench
style" tables available, \$5 ea, on a first come / first claim basis.

Inquiries, email: hamfest@w8dc.org

OR ☎: Ed Novakowski N8UXN (616) 458-9029

*Table reservation and payment required by Sept 3.

☑ with check payable to GRARA, PO Box 3282
Grand Rapids, MI 49501-3282

NEW LOCATION, 3801 LEONARD NE
FOREST HILLS NORTHERN HIGH SCHOOL
CLOSE TO EXPRESSWAY AND CITY
Approximately 1 mile from FREDERIK MEIJER GARDENS

8:00AM until it's over

usually about noon

Seller setup begins 6:00AM

Self contained, Friday night parking permitted, no hook ups.
Please observe this facility typically sponsors Friday evening activities
that may cause some inconvenience for those camped overnight.

Talk-in 147.26+ ctcx 94.8 or 146.52 simplex

For updates, maps, written directions, and
other information, please visit
<http://www.w8dc.org/swap.htm>

Sponsored by



Locate that new or used equipment and elusive items you've been
hunting for. Sell or trade your excess equipment.

EXHIBITORS from recent swaps:

ZINC SOUND & LIGHT

DENTRONICS

PIKE HILL
Computer Solutions

ComDac
COMPUTER & RADIO EQUIPMENT

J&M
NOVELTIES

RadioShack™

Q-STICK antenna

MOTOWN SOFTWARE

PROSOFT

TOWER ELECTRONICS

J&B CB SHOP

THE COAX CONNECTION

QUEEN INK

And lots of folks like you!



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North Ottawa Amateur Radio Club

SPARK for September 2002



Some of the Muskegon and NOARC Fox Hunters pose just prior to the start of the annual fox hunt and picnic. This year the hunt was held near the Muskegon Club House. The team of "Don & John" found the fox first. After the hunt, Muskegon held a picnic at the club house.

In this Issue:

Page 2 **Treasurer's Report and Net Control Schedule For September and October.**

Page 3 **Schedule of upcoming events . Please read carefully.**

Page 4 **President's Don's message for September (great story! Be sure to read.)**

Page 5 **Secretary's September Report and Article by Riley Hollingsworth, FCC**

Page 6 **Club and repeater information.**

Meeting this month is on September 26th at 7 PM at the White Pine Middle School in Grand haven.

September 2002 Treasurer's Report By Greg Schippers, KC8HXO

Beginning Balance of all accounts was \$5806.08, of which checking and savings totaled \$4951.33, and the NOARC endowment fund balance of \$854.75. Income for the period: \$0.88 of which \$.88 was interest on savings; Expenses for the period: \$23.39 of which \$12.54 was a reimbursement to John Sundstrom for June newsletter expenses; \$10.85 was reimbursed to Greg Schippers for Stamps, and postage for mailing Field Day entry to ARRL. Ending balance of all accounts: \$5783.57 of which checking and savings total \$4928.82, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund:	\$4653.82
Repeater Fund:	\$0
Digital Fund:	\$275.00
Endowment Fund	\$854.75
Total all funds	\$5783.57

This period there were no expenses incurred for the Te-Ne-Ke project, and no revenues. The total revenue **generated to date are \$4402.36**. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

We Remember September 11,2001. As amateurs, we must be prepared to provide emergency communications!

***** Net Control Schedule *****

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement.

September	17	Bev Traxler KC8JWA
September	24	Dean Whitney, KF8NS
October	1	Brad, N8PFC
October	8	John, N8YQD
October	15	Charlie, KB8HU
October	22	Don, N8HCS
October	29	WA8CTK, Mike

Upcoming NOARC Events

Thursday September 26th 7 PM: Monthly meeting at the White Pines Middle School. Program is a presentation by Jerome Novotny on Direct Current.

Sunday October 13th: Lansing Hamfest at Lakeside Christian School 7868 M78 Hwy. Talk in on 145.39/100hz.

Sunday October 13th: Kalamazoo Hamfest at Kalamazoo Fairgrounds. Talk in on 147.040 K8KZO Repeater. (You would think these two clubs would coordinate dates better).

Saturday October 18th, 8 am Holmes Elementary School in Spring Lake: JOTA – Jamboree on the Air. Volunteers needed to setup and man stations for school kids to operate.

Thursday October 24th 7 PM: Regular monthly meeting at the White Pines Middle School. Presentation of Officers nominated for 2003. Topic TBA.

Don't forget to check into the net every Tuesday nite at 8 PM on 145.49 mhz. After the net, come down to Russ' in Grand Haven for coffee and fellowship. Also, NOARC members meet informally for breakfast every Saturday morning at 7 AM at the Pine Street Café in Ferrysburg.

I have new shipment NOARC caps and Tee Shirts. Caps are \$10.00 and Tee Shirts are \$15.00 . John Sundstrom, N8YQD; 847-4249; sundstrj@gvsu.edu.

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman ,N8KCW	847-8377

September 2002 President's Perspective by Don Smith , N8HCS

It is almost October and that means Boy Scout Jamboree on the air. And I am sure that Dan the Whiz will keep us informed on that.

It came to my attention while getting ready for the Grand Rapids ham fest that we only have but three Te Ne Ke's made and ready to sell. What a mind blower! I could of sworn we had more than that and after getting with John N8YQD it has come to my attention that we have sold over 60 keys this year, we could of sold more at the Dayton swap but sold out early. My plan for the next year is that we gear up for 100 keys. We had no keys to sell in Grand Rapids though the club still profited from the swap thanks to the Bob Ogle donation.

We had a great time in the new location for the GR. swap at the Forest Hills High School. For those of you that were not there you missed a lot of good deals and fun. This is how it went. LOU N8KYO, JOHN N8YQD, and myself decided to go on Friday the night before so as to get a jump on all the good deals, Lou and me would leave together and John would join us later in the evening. So after a day of getting things together which took till about 3:30 Friday I backed up the old Red Neck Mobile to the trailer and hooked up. Around 4:00 Lou showed up with pillow in hand he assured me we were right on schedule. Soon we were on our way, out to 96 and to parts East. Lot's of things to discuss like have you ever pulled a trailer very far and are you sure you know what to do when a gust of wind catches you from a passing semi truck, did you hook up the emergency breaking cable and by the way do the trailer breaks even work? How has the van been running by the way? And other things like what kind of hand held radio Lou should buy though I was confident he already had his mind made up as to what he was going to purchase. And was that our exit we just passed or is it coming up? All was well and we arrived safely about 5:00 PM. We went into the High School and got our instructions as to where all the campers were parked and seen that not too many people showed up at that time we got back into the van and drove around the school to the North and down a big hill (are you sure the breaks work?) to find about five other campers already there. There was Tim and Karen, full time campers from Virginia and Debbie from Bay City, Dick Mondro from ARRL and other people that I don't remember there names but I am confident that they don't remember mine either so were even. After blocking the trailer wheels and unhooking from the van and setting up which meant having a pop and watching a little TV you know just trying to get our timing right as to when to go help set up the swap. See if you are too early you end up doing everything and if your too late your a deadbeat so you want to get a good balance point on this setting up stuff. After a bit we went back up the hill to see what we could do to help and get our tickets and table's. The man said if we helped set up we could get our tickets half price. Now this sounded pretty good to Lou and me so we got our tickets and asked what we could do to help. This is where finding a good balance point comes in handy. After setting up a few tables an chairs we figured we had filled our obligation of setting up also we were getting pretty hungry and John hadn't showed up yet so we decide to go and search for a local choke and puke and put some groceries down our necks. We didn't have to look very far and we came to a place called the Red Hot Inn, now I don't know what that means to you but to Lou it sounded pretty good so the Red Hot Inn it was. After stuffing down about ten dollars worth of a three dollar and fifty cent salad I got a call on the Nextel. Is that your van there at the Red Hot Inn? It was John right on schedule. I will be right there with you guys he said, and he was too. After a few more cups of coffee now with John in the group we floated out of the Inn and back to the trailer for a good night's sleep. The first one up turns on the coffee, which has an alarm? I will wake up early says John. Lou says he can leave his hand held rig on the talk in frequency and when that stars up in the morning we will wake. Good idea. Four forty five in the morning and I am asking Lou if he has a snooze button on that radio, too late though cause John already started the coffee and our day has begin. After a good cup of coffee some corn flakes, a donut and some more coffee were on our way up the hill to the swap. Now I have written about swaps in the past and do to all the dealing and excitement things always get foggy after a few purchases and a couple of sales, the best I can tell you is its like after a good night out and you don't remember where you left your car. You just count your money the next day and hope you have some.

After the swap its back to the Red Hot Inn for lunch, after lunch we hook back up to the trailer and head back west talking about all the good deals we got and who we seen slipping in and out of reality do to fatigue I wake up with a lurch of the motor not running any more! Wow what's going on now? Nothing by the sounds of it. Off the side of the road and flashers on we come to a complete standstill. John and Lou with looks of this would never happen to them on their face want to know what were going to do now.

Here comes the neat part, I call my dad and about twenty minutes later he shows up and get this, hooks up a tow strap and pulls us all to his house.

This is a 20 foot pickup with about 15 foot of tow strap hooked to a 19 foot van pulling a 30 foot trailer, about an eighty foot package going down 96 at fifty five miles per hour! WOW! After arriving at my dads house we load all the goodies into my mothers car I deliver John and Lou safely home by about three thirty. Then back to dad's house to discover that the rotor inside the distributor had broken. Taking a trip to Auto Zone for a rotor and to the junk yard for some other unrelated problems I needed to fix while I had the dog house off the engine I returned to cure the problems and at about eight thirty PM. I am home, trailer parked and in the shower another day well spent. Oh and on Sunday I discovered that I had two new rigs two new antennas and more money than I left with so I must of did OK, AR de N8HCS. sk.

Minutes of NOARC Meeting on September 29, 2002 by John Sundstrom N8YQD

1. Fox Hunt with Muskegon on Sat September 7th. It is estimated that 10 from NOARC will attend.
2. Club members filled out reply QSL cards for the reports received from the Coast Guard Special Event Station.
3. Discussion about the NOARC Endowment Fund setup with the Grand Haven Community Foundation. The endowment fund was setup 4 years ago by Dan Anderson. The principal cannot be withdrawn but the interest earnings can be and are earmarked for promoting amateur radio to young people. For example, the club bought subscriptions to QST for the local school libraries this year. Donations made to the fund are TAX CREDITS on your state of Michigan Income tax report up to \$200/year. Members are asked to make donations to the fund.
4. Related to above, a motion was passed to deposit excess NOARC funds in a separate, withdrawable account with the Grand Haven Community Foundation for purposes of gaining a better return than we are receiving from the bank. The Community foundation funds have averaged a 10% return for the life of the fund. John S. to get with the Treasurer & setup an account.
5. Jamboree on the Air is scheduled for October 19th at the Holmes Elementary School in Spring Lake. Dan Whisman is once again the Chairman of this event. Help will be needed on Friday putting up antennas and on the day of the event.
6. Don, N8HCWS, Lou N8KYO and John volunteered to setup a ham radio display at the White Pines Middle school.
7. 50/50 drawing winner was KB8NLM. The proceeds were all donated to the club, thanks!
8. Ed Somers, KC8LBZ made an excellent presentation on the national traffic handling system. Members were taught

"Good Amateur Practice is a hard thing to define. I'd have to say it's operating with the realization that frequencies are shared, that there's going to be occasional interference and that's no reason to become hateful and paranoid. You have to realize that more people listen than ever before, especially since the events on 11 September, and our rights end where another person's begins."

"It means giving a little ground even if you have a right not to, in order to help preserve Amateur Radio and not cause it to get a bad name or hasten the day when it becomes obsolete."

"It means not using that one Kenwood rig on 6kHz bandwidth when there are lots of people on the band."

"It means not acting like an idiot just because you were stepped on. It means being aware that we all love Amateur Radio, and why damage it just to save face?"

"It means cutting a net or a contest a break even if you don't have to and even if you have no interest whatsoever in nets or contesting."

"It means being nice, because one thing we don't need more of are idiots in the radio world. Now this doesn't touch on a lot of technical issues such as using 1,500 watts when your signal report received is 20 over 9."

"It just means a lot of things that can't be qualified, such as respecting a band plan because it makes it possible for every mode to have a chance."

"It means operating so that if a neighbor, niece or nephew or news reporter hears you, that person is impressed with Amateur Radio."

"It means realizing that every right carries responsibilities, and just because you may have a right to do certain things doesn't mean it's right to do them in every circumstance."

"It means just because you haven't done a creative thing in Amateur Radio in 25 years, and have been on the same frequency every morning for 135 years shooting the breeze with Harry, who's 200 miles away, doesn't mean you own the frequency."

"It also means NOT operating so whoever hears you becomes sorry as hell they ever got into Amateur Radio in the first place."

From Riley Hollingsworth, FCC .

Postmaster: Return Requested

NOARC SPARK for October 2002



John Sundstrom, Don Smith, and Lou Meisch are seen Saturday morning driving the Hounds (new Ham Operators) at the latest Fox Hunt.

Grand Haven, Michigan (AP)

Local officials in the small West Michigan community of Grand Haven, Michigan, were aghast at the shoddy treatment that new Amateur Radio enthusiasts (known everywhere as New Hams, or occasionally as Newbies) were subjected to at a recent Fox Hunt. A Fox Hunt is a rather tedious adventure at which members of the local radio club, North Ottawa Amateur Radio Club (N.O.A.R.C) drive around in circles for hours and hours, looking for an elusive radio powered fox. In this case, the old grizzles veterans of NOARC forced the New Hams to search for the fox while down on all fours, while howling loudly and scratching behind their ears. The local Humane Society has been contacted, but their response was... "Hey, what do you expect from a bunch of Hams?"

Treasurer's Report By Greg Schippers, KC8HXO Account Status as of September 20, 2002:

Beginning Balance of all accounts was \$5783.57, of which checking and savings totaled \$4928.82, and the NOARC endowment fund balance of \$854.75.

Income for the period: \$0.85 of which \$.85 was interest on savings;

Expenses for the period: \$45.81 of which \$10.81 was a reimbursement to John Sundstrom for August newsletter expenses; \$25.00 was reimbursed to John Sundstrom for GH Public Schools classrooms for the year, and \$10.00 reimbursement to John Sundstrom for tables at GRARA hamfest.

Ending balance of all accounts: \$5738.61 of which checking and savings total \$4883.86, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund: \$4608.86

Repeater Fund: \$0

Digital Fund: \$275.00

Endowment Fund \$854.75

******* Net Control Schedule *******

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement.

October	22	Don, N8HCS
October	29	WA8CTK, Mike
November	5	KC8JWA, Bev
November	12	KF8NS, Dean
November	19	N8PFC, Brad
November	26	N8YQD, John
December	3	Kb8hu, Charlie
December	10	N8HCS, Don

Upcoming NOARC Events

Thursday October 24th 7 PM: Regular monthly meeting at the White Pines Middle School. Presentation of Officers nominated for 2003. The Program is “**bring in and tell us about you favorite radio item**”. **It could be a old radio that you restored or the latest thing to hit the market. Also, if you want to sell anything, bring it in !**

Don't forget to check into the net every Tuesday nite at 8 PM on 145.49 mhz. After the net, come down to Russ' in Grand Haven for coffee and fellowship. Also, NOARC members meet informally for breakfast every Saturday morning at 7 AM at the Pine Street Café in Ferrysburg.

Help ! Newsletter contributions needed. If you see a great story , please send it to me.
Thanks, John.

I have new shipment NOARC caps and Tee Shirts. C aps are \$10.00 and Tee Shirts are \$15.00 . John Sundstrom, N8YQD; 847-4249; sundstrj@gvsu.edu.

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
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Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman ,N8KCW	847-8377

1 Noarc september 26th Meeting Minutes by John Sundstrom, Secretary

- 2 Vice President Dean Whitney conducted the meeting as Don Smith has Thursday night Class. 15 members present
- 3 Craig Cristlaw, W8CRC bought 6 arrl net directories for the club for hams who wish to do traffic handling.
4. The annual ARRL "Jamboree on the Air" is October 19th. Help needed to setup after breakfast. The Scouts arrive about 10 AM We need a big effort.
5. 50/50 Drawing was conducted and the club won \$7.
6. 3 new members joined the club. NOARC's Club membership is at a 3 year high.
7. We were treated to an outstanding presentation by Jerome Novotny K8CCJ on Direct Current.

Below: This is the NOARC QSL Card used for occasions such as Jamboree on the air and the coast Guard Special Event station.



New Radio page: Here is an Interesting new 10 watt transceiver Just announced by ICOM. This radio features low current drain on receive and a built in Antenna Tuner. Radios like this and the Yaseu FT 817 are ideal for traveling, mobile and camping.

QRP HF TRANSCEIVER

IC-703

This new model is being designed as a portable HF transceiver that utilizes the design excellence and body of the very successful IC-706 series. It will be similar to an IC-706MKIIG without the VHF and UHF bands, and is a model in a new genre that has an automatic antenna tuner built-in, low consumption circuit design and large external battery for field use as a portable HF QRP unit.

This new model will appeal to HAM user's who require a convenient portable HF unit, and will be an ideal long distance communications device for sparsely populated territories where set-up of normal communication infrastructure is expensive and impractical.



<Features>

- ?? **Relay type antenna tuner unit built-in, 1.9-30MHz coverage**(For 50ohm load antenna. Does not match to a wire antenna
- ??
- ?? **New low current consumption circuit design to obtain longer battery life**
- ??
- ?? **Large capacity external battery pack and antenna suitable for field operation, will be set as options**
- ??
- ?? **Suitable for not only HAM radio operation, but is an excellent unit for long distance communications in remote mountainous or desert areas where effective communications are not readily available. Also, is perfect as a communications solution for specialized applications.**
- ??
- ?? **Quick power set function to make QRP operation efficient**
- ??
- ?? **DSP built-in for auto-notch and noise reduction functions** (DSP functions are equivalent to UT-106)
- ??
- ?? **Max 10W output. Adjustable in 10/5/1/0.5/0.1W steps**(5W when using 9.6V batteries)
- ??
- ?? **Memory keyer function built-in**
- ??
- ?? **Multi-use versatility for the home or shack, mobile DX'ing in your car and as a field unit in the outdoors**
- ??

Postmaster: Return Requested

SPARK for Nov 2002



Picture taken by Craig Cristilaw ,K8CRC at the November 2 breakfast at the Pine Street Café in Ferrysburg where 14 ham were present. Attendance is up at NOARC Functions recently. 31 attended the October meeting.

In This Issue:

Page 1: Cover and story

Page 2: Treasurer's report and Net Control Schedule

Page 3: Upcoming NOARC Events, Minutes from October 2002 Meeting

Page 4: President's Perspective by Don Smith, N8HCS (Don't miss this one!)

Page 5: Dues renewal form; Radio Display at the Middle School

NEWS FLASH: THIS MONTH'S MEETING ON NOVEMBER 21 WILL BE A HAM SWAP. BRING IN YOUR ITEMS TO SELL! CHRISTMAS SHOP EARLY!

Treasurer's Report Account Status as of October 21, 2002:

Beginning Balance of all accounts was \$5,738.61, of which checking and savings totaled \$4,883.86, and the NOARC endowment fund balance of \$854.75.

Income for the period: \$0.85 of which \$.85 was interest on savings;

Expenses for the period: \$0.00

Ending balance of all accounts: \$5739.56 of which checking and savings total \$4884.71, and the NOARC endowment fund total balance is \$854.75.

Please note the chart below represents the status of all club funds at the end of the period:

General Fund: \$ 4609.71

Repeater Fund: \$0

Digital Fund: \$275.00

Endowment Fund \$854.75

Total all funds \$ 5,739.56

This period there were no expenses incurred for the Te-Ne-Ke project, and no revenues. The total revenue generated to date are \$4402.36. This IS reflected in the general account balance in the above ledger.
Please continue to support this important project!!

=====

73, Greg Schippers, KC8HXO

***** Net Control Schedule *****

If you are unable to keep your appointment as Net Control, **please** arrange for a replacement.

Nov 19 Brad N8PFC

Dec 17 Tom KB8VEE

Nov 26 John N8YQD

Dec 24 Woody N8LBG

Dec 3 Mike WA8CTK

Dec 31 Bev KC8JWA

Dec 10 Don N8HCS

Jan 7 Dean KF8NS

NOTE: This information is also found on the NOARC Web site

Upcoming NOARC Events

Thursday November 21st 7 PM . SWAP MEET! Our regular meeting at the White Pine Middle School will consist of a short business meeting and then a SWAP MEET! Do all your Christmas shopping here! Everyone please bring in stuff to sell!

Thursday December 19 7PM . NOARC Annual Family Christmas Buffet Holiday Party at the White Pine Middle School. Please bring a dish to pass and wish all your friends a happy holiday season.

Minutes of October NOARC Meeting By John Sundstrom, N8YQD

1. Vice President Dean Whitney conducted the meeting in Don Smith's Absence. 32 Attendees at the meeting!
2. Officer Slate for next Year : Don Smith - President; Dean Whitney- Vice President; Greg Schippers-Secretary; John Sundstrom-Secretary; Ed Summers-Activities Chairman.
3. A committee was setup (Whitney, Schippers, Sundstrom & Vandermehl) to design a better Uninterruptable Power Supply for the repeater. Both Solar and better charge controller ideas were discussed.
4. The program was a show and tell where members brought in interesting radio items and told about them.
5. The school library was opened up so members could see the operating PSK-31 station setup to interest school children in Amateur Radio.

From Ben k8ar:

Hi John here is the url for radio modifications www.mods.dk/index.htm

Club Officers :

PRESIDENT:	Don Smith, N8HCS	846-1938
Vice-President:	Dean Whitney, KF8NS	842-0976
Treasurer:	Greg Schippers - KC8HXO	847-0238
Secretary:	John Sundstrom, N8YQD	847-4249
Program Director:	Dan Whisman ,N8KCW	847-8377

President's Perspective by Don Smith, N8HCS

You know I just hate to go "Henry" (for Henry Riekels, W8GVK) on you BUT the more Swap meets I go to and the more I talk to present day Radio Hams or should I say appliance operators? Well sometimes I just walk away feeling dumber than when I started.

This article isn't about anybody so don't take it personal, and besides I think were all victims of multi billion Dollar Company's anyhow. Don't all those ads in the magazines just make you want buy? Sure they do, that's what it is all about. Take a black box put a bunch of knobs on it (the more the better) and promote it with a big name like Super Communicator 5000 and you can sell a ton of them.

Maybe this is another problem: we don't go any where anymore. By this I mean we just sit around looking on the Internet and watching TV and just being lazy! And don't deny it I don't! I know that we are all victims of some kind of tube watching, and lazy. What ever happened to the days of going over to a fellow ham friend or for that mater anybody's house and just spend some time doing something with some one else?

When I was a kid I remember our house was the gathering place on the weekends, the guys would get together and work on cars or some neat project and the women all had there things to do and seems there was always something simmering on the stove. What all this is leading up to is this: We don't spend enough time building and learning anymore. it's just too easy to lay down all are hard earned cash rather than fend for our intelligence. Now this really sounds Henry but I remember the old days when N8EJP, Bill and I would get so involved in a project that before you know it the sun was coming up and we didn't even know it was time to go to bed yet. Now at that time I didn't have the money to go out and buy all those black boxes's. Maybe that's why but still today as I look around at what is coming on the market, man its them against us and there winning.

Here is one, The Rig Blaster, WOW!!! I just have to have one of those, right? WRONG! I built one in about an hour with about ten bucks worth of parts if I would have had to buy them but I just looked around and found that I already owned about a dozen rig blasters just unassembled. Saved about \$130.00 there and I have a N8HCS blaster. I think I will call it the Super Rig Master 5000! don't you just love it? I can put some freeware on a disk and sell you this package but first let me get with my marketing firm then I will let you know. Why not get with a buddy and build a couple Rig Master's or Blaster's then you can both get on psk or slow scan TV and look at each other?

Here is a good one:

MFJ Ground Coupled Portable Antenna base. IT'S A CHUNK OF STEEL! Its worth about 10 cents a pound and believe it or not they are selling. For only \$99.95 you can own your own personal 2'x 2' chunk of steel and its good 160 thru 2 meters. I think before anyone should even look at this stuff they should own a MFJ Intelligence Enhancer, maybe that might help sort out the crap.

Antenna Tuner'shere is another one for crying out loud. If you need one quit walking by all the free junk at the swaps. Man, I have seen guys giving away tapped inductor's ,old meters and variable capacitor's. All you need is a box to put it in and save a couple hundred bucks. If you don't know how to build one call a buddy that has a hand book and figure it out together. Will, W9LNU, never bought a tuner and he had some of the worst looking antennas I have ever seen, but he had a roller inductor and a variable capacitor he carried around for years. He would just nail them to a box usually outside by the antenna and tune up his whatever and he was on the air.

We have to get together and do stuff and if you don't want to learn anything well maybe you can just invite someone over and tell lies or talk about the old days.

Just beware of some of the stuff people are trying to sell you. I know you probably can't fix some of these new rigs or build one for that matter but to just pass the entry level license you **Should** have to know how to build a wire antenna.

Here is a good example: I go to the bait store and buy the super wobble rattle jig guaranteed to catch fish right? Well maybe but while I am sitting around doing nothing I pour some lead and make my own jig and hand paint it, put a couple of eyes and a ten cent rattle on it, I have confidence in it cause I built it and if it don't work I know how to fix it and when I catch a fish on it, why that will be the biggest, best tasting fish I will ever eat.

Thanks for listening

Don N8HCS



Photo above is of a working PSK-31 station that was setup in the white pines Middle School library By Don, N8HCS, Lou N8KYO and John N8YQD. We also setup an antenna in the library with a sign saying “follow the feed line to the radio”. The receiver is an old Kenwood 520 set on 14070 which is the PSK-31 frequency. Signs were made explaining what is happening and also offering a technician course in February. The library (and all of the school libraries in the tri cities area) has QST on the magazine rack thanks to NOARC.

Dues Renewal Form Single \$30 Family \$40 Please mail to Box 44 Ferrysburg, MI before January 1,2003

Name		Call	
Address	City	State	zip

W8CSO (NOARC) Repeater information: If the NOARC repeater goes down , use 145.490 simplex

145.490 (- offset) tone 94.8 main receiver ; Grand rapids link receiver tone 91.5

Tone control 491=off; 490-on Time of day 749

" S" meter readback 7

Phone patch

* followed by phone number

t o disconnect

** redial last number

911 calls Ottawa County Central Dispatch

912 call Muskegon County Dispatch

Club Net is every Tuesday night at 8PM. Net Controllers please note your assignment found on the calendar and be sure to get a substitute if you cannot take the net. Club Web Site <http://www.qsl.net/noarc/>. Site has information on Te Ne KE, club events and net schedules. All licensed amateurs are eligible for membership in the North Ottawa Amateur radio Club. Board meeting held 1 hour before meeting at meeting site. Annual dues are payable in December . 2003 Dues are \$ 30.00 individual and \$ 40.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested