

North Ottawa Amateur Radio Club

SPARK for January 2004

Presidents Report By Dean Whitney, KF8NS

Greetings all hams,

I suspect this will be a bit briefer than Don's presentations, as I don't have a whole lot of 'presidential' type of news. On the home front, we have the Technician class in full swing at White Pines Middle School, with the second session under our belts. Thanks to all the members that have shown up to show support for the students. The first week we had about 5 students show up, the second week, 2 showed. Class runs from 7pm until 9pm, with questions fielded, yarns spun, & advice freely given, key word being 'free'. If anyone knows of anybody that is interested in getting a license, tell them to show up on Monday evening, or contact Don Smith or myself. We'll publish the test date as soon as we determine exactly when it will be.

We have two hamfests coming up, one in February in Traverse City, and one in March, in Marshall. We'll have tables at the Marshall Hamfest, so any club members are welcome to bring gear to set out on the tables.

For anyone thinking about getting away from the Michigan winter, I'd like to recommend a 'jaunt' to New Zealand, ONLY an 18 hr flight, but definitely worth the time. Being 'half New Zealander', or a 'Kiwi' as they call themselves, I enjoyed my first visit to the country, and was able to visit relatives, some that I'd met before here in the states, & some I'd only seen in photographs. It was definitely the most enjoyable vacation I've ever had, and the fact that it lasted almost 5 weeks, including 4 days in Hawaii on the way back, made it all the more enjoyable. I took almost 500 digital photo's on the trip, so I'll be submitting a couple every month to Andrew to publish as he sees fit.

I was scanning the 2 meter frequencies shortly after arriving in the North Island, making contact with hams in Auckland, and they gave me the frequencies of numerous repeaters thru out the country. After traveling the length of the North Island by train to the capital city of Wellington, I walked the area quite a bit, as driving seemed out of the question, with everyone driving on the wrong side of the road, and what I felt to be in a rather 'haphazard fashion', with very few stop signs, and unique intersections with 'roundabouts' that could turn your hair grey instantly.

I did talk to one ham on the Christchurch repeater in the South Island, that kindly picked me up & took me to the local radio club meeting, introducing me to the members, & even gave me an evening 'tour' of the city, which was an eye opening experience in itself. I found all the hams to be extremely friendly to a 'Yank' visitor, and was able to bring back a couple of New Zealand Call Books, which I'll bring to the club meeting for all to see.

Until next month, 73's, de KF8NS, Dean

(Pictures to follow later in this newsletter)

Treasurer's Account Status as of October 21, 2003 by Greg Schippers, KC8HXO

Beginning Balance of all accounts was \$5861.65, of which checking and savings totaled \$5035.69, and the NOARC endowment fund balance of \$825.96

Income for the period: \$267.42 of which .42 was interest on savings; \$60.00 was club dues; \$12.00 was 50/50 drawing from September Club meeting; \$40.00 was proceeds from sale of antenna tuner donated by Gordon Stockhill, KA8UQT; \$40.00 was proceeds from sale of commercial radios donated by Tom Fischer, K8OOO, and repaired and sold by Boyd Mason, NE8KE.

Expenses for the period: \$34.00 which was tables for the Holland Amateur Swap.

Ending balance of all accounts: \$6161.05 of which checking and savings total \$5269.11, and the NOARC endowment fund total balance is \$891.94

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

General Fund:	\$4994.11
Repeater Fund:	\$0
Digital Fund:	\$275.00
Endowment Fund	\$891.94
 Total all funds	 \$6161.05

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

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

■ Jan 6	KB8HU Charlie Osborn	■ Feb 3	N8LBG Woody Aldrich
■ Jan 13	N8ARY Andrew Young	■ Feb 10	KF8NS Dean Whitney
■ Jan 20	N8HCS Don Smith	■ Feb 17	N8PFC Brad King
■ Jan 27	KB8VEE Tom Vander Mel	■ Feb 24	N8ARY Andrew Young

Upcoming Events

January 22: NOARC Club meeting at the White Pine Middle School.

March 20: Marshall Hamfest– NOARC will have a 24 foot table for members to use.



Christchurch Logo



Dean poses at the “other” 45th parallel. Is that Latitude or Longitude?

Club Officers :

PRESIDENT:	Dean Whitney, KF8NS	842-0976
Vice-President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom, N8YQD	847-4249
Secretary/SPARK editor:	Andrew Young, N8ARY	844-4484
Program Director:	Craig Christilaw, K8CRC	

NOARC TECHNICIAN CLASS

The NOARC Technician Class has begun. Sessions are on Monday Nights in room OF-9 of the White Pines Middle School. If you know someone who wants to be a Ham, it's not too late to join. Show up next Monday at 7 PM.

Repeater Report— by N8ARY

Well, the new controller is in place and has been working pretty well. I am sure everyone's noticed the new courtesy tone and either likes it or hates it. It is something that has to be programmed in a timed sequence to make different sounds. I haven't quite mastered it yet, so a "K" is all you get for now, unless the machine is in "net mode, when you'll hear "N."

Many of the previous operator controls have changed, too. They are published later in this newsletter.

Speaking of changing, Tom Fischer (K8000) has opened up the proverbial can of worms for the Echolink station. I have determined from an article he sent me that I should be using a UHF frequency to link my station to the repeater. Now there IS already a UHF receiver on the machine, so I will be getting a transmitter that will access that receiver when the Echolink station transmits. This will pull the station out of the legal "gray" area it is now operating in.

When I performed some testing on the repeater to try out my plan, I couldn't access the receiver from my house. I discussed possible problems with Don (N8HCS) on the air and this drew out several Hams to assist (just as planned). Don, Tom F. and John F. (KC8UNY) trekked up the hill to check the receiver antenna. Don discovered a bad connection and did his best repair (kicking the antenna). It receives a little better now but needs a more work. I built a chromium-plated, fully-illuminated genuine accessory 5 element UHF beam to use and we'll probably pick up another receiver antenna, too.

One "bug" in the Echolink system has surfaced. The Echolink radio can't hear the Grand Rapids Link. This means that you **MUST** use the main repeater system to talk to Echolink stations. I am working on this and am not yet sure how to solve the problem.

In the meantime, continue to enjoy the system and have fun.



This is Kem, ZL2BKY, that lives in Petone, close to Wellington (New Zealand). I found him by spotting his beam & tower, and introduced myself after knocking on his door. Kem has been a ham for many years, and although in his 80's, still enjoys sailing his 26 foot sailboat, and travels around the world when the mood strikes him.

Get a Tax Break and Help the Club at the Same time—make a Donation to the Grand Haven Community Foundation

Do you wish to do something special for the Club and get a tax break at the same time? Make a donation to the North Ottawa Amateur radio Club's Endowment Fund held by the Grand haven Area Community Foundation. If you make the donation prior to year end , you can claim a 50% tax credit on your Michigan Income Tax Return. For example, if you donate \$100 to the NOARC Endowment fund, you can claim a \$50 tax credit. Checks can be sent directly to the

Grand haven Community Foundation 1 South Harbor Drive, Grand haven, Mi 49417. Indicate the funds are to deposited into the North Ottawa Amateur radio Club Endowment Account. The funds are invested for us and we can withdraw the earnings (all or part) for use for club projects such as promoting Ham Radio, repeater improvements, ect. Special deposit envelopes are also available from John Sundstrom.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

W8CSO (NOARC) Repeater information:

*****If the NOARC repeater goes down , use 145.490 simplex*****

Function	Value	Function	Value
Frequency	145.490 (-)	Load "Normal" File	1751
PL Tone	94.8 or 91.5 (GRR)	Load "Net Mode" File	1752
Carrier Access (no PL req'd)		Echolink Connect	#Cxxxxx where "x..." is the node nmbr.
Signal Test		Echolink Disconnect	#73
Autopatch Start	* then number	Echolink Random Connect	#01
Autopatch End	#	Echolink Check Status	#08
Emergency	911 or *911	Echolink Connect Last node	#09

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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (KC8HXO@yahoo.com) and the Club Secretary (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK for January 2004

Presidents Report By Dean Whitney, KF8NS

CQ CQ CQ all NOARC hams, from the mysteriously 'absent' of late KF8NS.

Well, seems like I've been way too busy with work during our periodic shutdown this week, and we have another week & a half almost to go. :-)

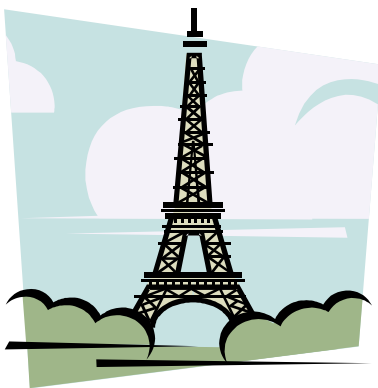
I guess we just have to figure it's part of keeping the lights 'burning', or in our case, our radios transmitting & receiving, although, I prefer we have the best of both worlds.

Sounds like we're going to have an interesting speaker at this month's meeting, scheduled for the 26th at White Pines Middle School, on Griffin Street.

I had a co-worker bring me in some radio related books his 'ham' dad was going to pitch. I offered to take any gear he was going to give the 'heave ho' to, but he said they took a truckload of that to the dump a number of years ago. (the tears are running down my cheeks as I wrote that!)

Here we always wonder what's going to happen to all that gear stashed in some Silent Key's attic or basement! I'm sure there's lots of 'treasure' out there in "them thar" basements & attics! Except now we find it on E-bay! Anyway, we have the Marshall Hamfest coming up in March, so save your 'fins & sawbucks' to make some deals down there, & if you've got any gear you want to 'off', the club will have a table or two to spread it out on. See you all in Marshall, if not at the club meeting!

(More New Zealand Pictures to follow later in this newsletter)



Load THIS baby up and work the DX!

TREASURER's REPORT

Account Status as of January 22, 2004

Beginning Balance of all accounts was \$6134.65, of which checking and savings totaled \$5242.71, and the NOARC endowment fund balance of \$891.94

Income for the period: \$304.81 of which \$0.81 was interest on savings; \$290.00 was Club dues; and \$14.00 was 50/50 Drawing From November meeting.

Expenses for the period: \$1297.80 of which \$36.00 was Reimbursement to John Sundstrom, N8YQD, for November/December newsletter expenses, and another \$707.00 was reimbursed to John for the Repeater Controller; \$24.00 was for IRA 2003 Swap; \$325 to Seabury/Smith for 2004 NOARC Liability Insurance premium; \$15.00 to Amateur Radio Group of Youth in Lowell for 2003 Lowell Swap; and \$190.80 to Radio Shack for the books for the latest Technician class by NOARC.

Ending balance of all accounts: \$5521.74 of which checking and savings total \$4249.72, and the NOARC endowment fund total balance is \$1272.02

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

General Fund: \$3974.72 Repeater Fund: \$0
Digital Fund: \$275.00 Endowment Fund \$1272.02

Total all funds \$5521.74

This period there were no expenses incurred for the Te-Ne-Ke project, and no revenues. The total revenue generated to date are \$5173.36. This IS reflected in the general account balance in the above ledger.
Please continue to support this important project!!
=====

73, Greg Schippers, KC8HXO



To the left are the area HAMs who went to the Orlando Hamfest. Recognize a few of them?



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

If you are unable to keep your appointment as Net Control, please arrange for a replacement. NOTE: This information is also found on the NOARC Web site www.qsl.net/noarc

• FEB24	N8ARY	Andrew	• MAR23	KF8NS	Dean
• MAR02	N8HCS	Eugene	• MAR30	N8PFC	Brad
• MAR09	KB8VEE	Tom	• APR06	KB8HU	Charlie
• MAR16	N8LBG	Woody	• APR13	N8YQD	John

Upcoming Events

February 26: NOARC Club meeting at the White Pine Middle School. Tyler from Ottawa Wireless will be presenting on the new wireless citywide Ethernet system.

March 20: Marshall Hamfest– NOARC will have a 24 foot table for members to use.

This was taken overlooking the city of Wellington, the capital of New Zealand. Although not the biggest city in New Zealand, it certainly is enjoyable to walk around in sightseeing! Everyone is very friendly, & pleasant to talk to. AND, no foreign language to have to deal with, just an accent.



The majority of New Zealand's electric power comes from either hydroelectric or geothermal generating plants. They have abundant supplies of coal, but are very environmentally conscious, as the thin ozone layer is almost directly above that part of the world. They also say they expect to be out of natural gas resources within 15 years.

The 2004 Technician class has ended with three new Hams but we still have the classroom for a while. It has been expressed to me that some fellows want to work on their morse code. If you would like to come down and work on your code on Monday nite at seven pm I will come down and work with you. Send me an email or meet me Monday at seven in room OF9 AT THE WHITE PINES MIDDLE SCHOOL.
thanks Don N8HCS

Club Officers :

PRESIDENT:	Dean Whitney, KF8NS	842-0976
Vice-President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom, N8YQD	847-4249
Secretary/SPARK editor:	Andrew Young, N8ARY	844-4484
Program Director:	Craig Christilaw, K8CRC	

Repeater Report– by N8ARY

Well, the new controller is still working well. I programmed some new courtesy tones and you should notice the new one which tries to mimic the old controller a little..

I have also implemented the new UHF transmitter for the Echolink station. This places the link on a legal frequency (above 220 MHz). You should not notice any difference in operation of the station.

Don Smith has created a nice list to present the functions of the repeater entitled “Stuff You Should Know About the North Ottawa Amateur Radio Club Repeater.” Here it is:

Stuff you should know about the North Ottawa Amateur Radio Club Repeater.

- | | | |
|----|------------------------------|-----|
| 1. | It is not in Canada | |
| 2. | For EMERGENCY dial | 911 |
| 3. | Time of day request code. | 400 |
| 4. | DTMF pad test prefix code. | 325 |
| 5. | Auto Patch access code. | * |
| 6. | Auto Patch disconnect code. | # |
| 7. | User Speed Dial Prefix Code. | 6 |
| 8. | Signal Report Code. | 750 |

When using the Signal Report Code (750) press the push to talk and enter 750 on your dtmf pad then release the push to talk. The repeater controller will reply with the words start test now. At this time press the push to talk again and talk for a few seconds (e.g. this is W8ABC testing) then release the push to talk and the controller will play back what you just recorded. This will enable you to see how you sound through the repeater.

To use the speed dial feature the prefix code is 6 and not a star like before, in other words if your speed dial number was *22 it is now 622. To dial a seven digit phone number you still use the star prefix.

Keep in mind this new controller is as new to the repeater committee as it is to you, but we will be learning and working the bugs out of it as we go along. So be patient and if you have any request or suggestions contact Andrew N8ARY committee chairman at n8ary@n8ary.com.

If you are a dues paying member and would like a SPEED DIAL number, contact N8HCS or the committee chairman and we will accommodate you on this matter.

Newsletter News

I am trying to change the way we distribute announcements, newsletters, and other information. If you have internet access, sign up for the W8CSO group on Yahoo. Go to <http://groups.yahoo.com/group/W8CSO/>

For now, I will try to keep up the Newsletter in the traditional manner for the members who haven't joined.

January 2004 Meeting Minutes

- 7:30- Call to Order by Don Smith, N8HCS
- There were 14 members, 4 guests, and a rat (brought by Andie) present.
- Don Smith passed the presidential torch to Dean Whitney, KF8NS.
- Special guests Chuck Stark and Marv Hoekstra from West MI Search and Rescue were introduced.
- W6ASP from California was also a guest.
- The new Repeater Controller was discussed. Complaints were voiced about the voice announcement talk-overs and courtesy tone length. Andrew will correct when weather permits.
- A motion was passed to reimburse Andrew for expenses incurred to bring the Echolink station into compliance with the law.
- Upcoming Hamfests announced- Marshall and Traverse City. 3 tables are available to club members at Marshall.
- Don is offering help Monday nights after the classes to those who want help with Morse Code.
- Complaints were voiced about the dues- asked for any ideas for reducing costs.
- W6ASP won the 50/50 drawing.
- Presentation by SAR group, explained roles of SAR and where they fit in with Law enforcement agencies.



Class of 2004

Our class this year was not as big as it sometimes is but these three guys gave it their all, and Graduated early. We all went to Holland Saturday morning February 21 to one of the biggest VE sessions ever held with the Holland Group and these three fellows passed their Technician Exams with flying colors. Additionally, John Fischer (KC8UNY) from Grand Haven passed his code test. (From left to right) Bob Jersstadt from Spring Lake, George Dood from Grand Haven, and Michael Grzyb also from Grand Haven.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

W8CSO (NOARC) Repeater information:

*****If the NOARC repeater goes down , use 145.490 simplex*****

Function	Value	Function	Value
Frequency	145.490 (-)	Load "Normal" File	1751
PL Tone	94.8 or 91.5 (GRR)	Load "Net Mode" File	1752
Carrier Access (no PL req'd)	TBA– Won't work at this time.	Echolink Connect	#Cxxxxx where "x..." is the node nmbr.
Signal Test	750	Echolink Disconnect	#73
Autopatch Start	* then number	Echolink Random Connect	#01
Autopatch End	#	Echolink Check Status	#08
Emergency	911 or *911	Echolink Connect Last node	#09

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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (KC8HXO@yahoo.com) and the Club Secretary (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club
P.O. Box 44
Ferrysburg, MI 49409
Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK for March 2004

Don Smith VP

Here it is almost April storm season, so I would think that the March meeting is appropriate, seeing it's the Annual Skywarn Training and it will be at the Coopersville High School, 198 East St. Coopersville, MI 49409. See you there!

The Marshall Ham Fest was pretty good and I made some nice purchases and we sold 5 TE NE KE's

Tom Fisher K8000 purchased two 70 centimeter six element beam type antennas of commercial grade and donated them to the NOARC for our link system between Grand Rapids and Grand Haven. We stopped at the 92nd Street hill in Grand Rapids on our way home from Marshall and installed the transmitting antenna on the tower there, with the help of Abe W8HVG, Tom K8000, Mark KC8DHQ, John KC8UNY, and myself. When we took down the transmitting antenna it pretty much self destructed that's how bad of shape it was in. Some time this week we will be going up on Water Tank Hill to install the other antenna on the receiving end and adjusting some interfering equipment to get our link up to snuff.

Don Meyer KB8ODB in cooperation with Tom Fisher K8000, Dan Anderson AB8CD and the Village of Spring Lake will be setting up a new Emergency Communications room and it will be tied in with the new North Ottawa County Emergency Communications project instigated by Tom KB8VEE and with the approval of the NOARC. This new project will insure the safety of the Tri Cities, by having a local group the organization can be on the scene instantly rather than waiting on emergency communicators from adjacent Cities, for more information on the NOCEC contact Don KB8ODB. I feel this is a project that needs the attention of all NOARC members, at one time we had a Civil Defense Emergency Services group second to none and I would like to see that again. This is the kind of glue that bonds a club together.

Andrew N8ARY has the ECHO link running smooth and legal and don't forget about the IRLP on the 443.775 machine John KC8MCG has worked hard on this project and its pretty reliable communications.

By the time you read this John and Sally Sundstrom should be back in town and all the other snow birds will be headed back soon. This is always a great time of year because it seems that things always get rolling with everyone back and the warm weather starting. I look forward to working on antennas with LOU and club projects with John.

I have talked to Greg KC8HXO and he is volunteered to get field day organized, yep its not too early to think about field day. As a matter of fact I usually start thinking about the next field day the day after the last one, so there you go.

I am glad to tell you that the NOARC has gone to the Dogs and I don't mean the Big Dogs but at the April meeting we will have the K9 crew of the SAR or is that the SAR dogs? Any how stay tuned for more info on that.

I think I covered everything for now. So until we meet again 73 and 88

AR SK de N8HCS

TREASURER's REPORT

Account Status as of January 22, 2004

Beginning Balance of all accounts was \$6134.65, of which checking and savings totaled \$5242.71, and the NOARC endowment fund balance of \$891.94

Income for the period: \$304.81 of which \$0.81 was interest on savings; \$290.00 was Club dues; and \$14.00 was 50/50 Drawing From November meeting.

Expenses for the period: \$1297.80 of which \$36.00 was Reimbursement to John Sundstrom, N8YQD, for November/December newsletter expenses, and another \$707.00 was reimbursed to John for the Repeater Controller; \$24.00 was for IRA 2003 Swap; \$325 to Seabury/Smith for 2004 NOARC Liability Insurance premium; \$15.00 to Amateur Radio Group of Youth in Lowell for 2003 Lowell Swap; and \$190.80 to Radio Shack for the books for the latest Technician class by NOARC.

Ending balance of all accounts: \$5521.74 of which checking and savings total \$4249.72, and the NOARC endowment fund total balance is \$1272.02

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

General Fund: \$3974.72 Repeater Fund: \$0
Digital Fund: \$275.00 Endowment Fund \$1272.02

Total all funds \$5521.74

This period there were no expenses incurred for the Te-Ne-Ke project, and no revenues. The total revenue generated to date are \$5173.36. This IS reflected in the general account balance in the above ledger.
Please continue to support this important project!!
=====

73, Greg Schippers, KC8HXO



To the left are the area HAMs who went to the Orlando Hamfest. Recognize a few of them?



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

If you are unable to keep your appointment as Net Control, please arrange for a replacement. NOTE: This information is also found on the NOARC Web site www.qsl.net/noarc

• FEB24	N8ARY	Andrew	• MAR23	KF8NS	Dean
• MAR02	N8HCS	Eugene	• MAR30	N8PFC	Brad
• MAR09	KB8VEE	Tom	• APR06	KB8HU	Charlie
• MAR16	N8LBG	Woody	• APR13	N8YQD	John

Upcoming Events

February 26: Skywarn training at Coopersville High School. This is in lieu of the March Meeting.

Club Officers :

PRESIDENT:	Dean Whitney, KF8NS	842-0976
Vice-President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom, N8YQD	847-4249
Secretary/SPARK editor:	Andrew Young, N8ARY	844-4484
Program Director:	Craig Christilaw, K8CRC	



Grand Haven Area

COMMUNITY FOUNDATION

February 19, 2004

Don Smith
North Ottawa Amateur Radio Club
P. O. Box 44
Ferrysburg, MI 49409

Dear Mr. Smith,

Congratulations! I am pleased to let you know that the Grand Haven Area Community Foundation's Distribution Committee at their 01/28/04 meeting agreed to provide a grant in the amount of \$707 to provide for the Upgrade Repeater Controller. This grant was subsequently approved by our Board of Trustees on February 18.

Enclosed are two copies of a grant agreement that fully outlines your responsibilities as a grant recipient. Please sign both copies and return one signed copy to the foundation office. *Please notify the office in writing when the funds are needed, and a check will be promptly processed.*

Once again, congratulations. The Grand Haven Area Community Foundation is pleased to support this project, which will allow NOARC to respond to community emergencies and serve the community at local events. Best wishes.

Sincerely,

Carol Bedient, Program Administrator
Grand Haven Area Community Foundation

Cc: John Sundstrom, Treasurer

One South Harbor • Grand Haven, MI 49417 • 616.842.6378 • fax 616.842.9518 • www.ghacf.org

For good. For ever.™

Local ham club wins grant to upgrade radio repeater

(from Grand Haven Tribune)

The Tri-Cities area ham radio club was recently awarded a grant to upgrade its repeater equipment, used to provide communications in community emergencies.

The Grand Haven Area Community Foundation gave the North Ottawa Amateur Radio Club (NOARC) \$707 to replace the club's repeater controller unit.

The NOARC repeater is located on Five Mile Hill in Grand Haven. It has the ability to receive even weak signals from local amateur radio operators, and amplify and retransmit them over a 30-mile radius — making it possible to send storm warnings, coordinate search and rescue efforts, and provide communications for a variety of public service events.

The Grand Haven Area Community Foundation funded the construction of the repeater in 1982 with a \$5,000 grant.

In letters supporting the club's request, both Ottawa County Emergency Management Director Bill Smith and Ottawa County Central Dispatch Executive Director Richard Troshak praised the work of local amateur radio operators.

"To state it very simply, the amateur radio volunteers of Ottawa County are a very vital part of our emergency plan and without them a tremendous void would be felt," Smith wrote.

> ==>SOLAR UPDATE

>

> Propagation prognosticator Tad "Don't Let the Sun Go Down on Me" Cook, K7RA, Seattle, Washington, reports: A large sunspot emerged over the past week. On February 21, sunspot 564 began to appear around the east limb of the visible solar disk. By February 23, it was five times as large as Earth. The sunspot was rotating across the upper hemisphere of the sun, so it was never aimed squarely toward earth, but it was most directed toward us on February 25.

>

> Average daily sunspot numbers were slightly higher this week than last. Average daily solar flux was lower by 0.2 point. Solar activity is rising, and solar flux should peak between February 28 to March 1 at around 130. A sunspot currently is forming on the far side of the sun, and it may cause a slight rise in solar flux around March 8.

>

> Geomagnetic conditions have been very quiet this week. Sunspot 563 released two solar flares on February 26. Earth is expected to encounter a solar wind stream on February 29 or March 1. Planetary A index predictions for February 27 through March 2 are 12, 12, 15, 20 and 20.

>

> Sunspot numbers for February 19 through 25 were 33, 34, 52, 58, 68, 85 and 107, with a mean of 62.4. The 10.7 cm flux was 96.4, 95.4, 98.2, 103.9, 104.3, 105.5 and 118.5, with a mean of 103.2. Estimated planetary A indices were 5, 4, 7, 8, 8, 11 and 8, with a mean of 7.3.

Repeater Report— by N8ARY

The '49 machine is still going strong. The new controller is working fine and now the Echolink UHF transmitter is fully operational. I built a 4-element UHF beam to make sure "Old Faithful" can hear any Echolinkers up on the hill.

One thing to keep in mind— If the courtesy tone is a "K," then the signal is either Echolink or the Grand Rapids receiver. You will need to leave a good pause for any stations on Echolink because of the delay. This is especially important during Tuesday Net operations.

Stuff you should know about the North Ottawa Amateur Radio Club Repeater (reprinted from last month)

- | | | |
|----|------------------------------|-----|
| 1. | It is not in Canada | |
| 2. | For EMERGENCY dial | 911 |
| 3. | Time of day request code. | 400 |
| 4. | DTMF pad test prefix code. | 325 |
| 5. | Auto Patch access code. | * |
| 6. | Auto Patch disconnect code. | # |
| 7. | User Speed Dial Prefix Code. | 6 |
| 8. | Signal Report Code. | 750 |

When using the Signal Report Code (750) press the push to talk and enter 750 on your dtmf pad then release the push to talk. The repeater controller will reply with the words start test now. At this time press the push to talk again and talk for a few seconds (e.g. this is W8ABC testing) then release the push to talk and the controller will play back what you just recorded. This will enable you to see how you sound through the repeater.

To use the speed dial feature the prefix code is 6 and not a star like before, in other words if your speed dial number was *22 it is now 622. To dial a seven digit phone number you still use the star prefix.

Keep in mind this new controller is as new to the repeater committee as it is to you, but we will be learning and working the bugs out of it as we go along. So be patient and if you have any request or suggestions contact Andrew N8ARY committee chairman at n8ary@n8ary.com.

If you are a dues paying member and would like a SPEED DIAL number, contact N8HCS or the committee chairman and we will accommodate you on this matter.

Newsletter News

I am trying to change the way we distribute announcements, newsletters, and other information. If you have internet access, sign up for the W8CSO group on Yahoo. Go to <http://groups.yahoo.com/group/W8CSO/>

For now, I will try to keep up the Newsletter in the traditional manner for the members who haven't joined.

Feb 2004 Meeting Minutes

- 7:30- Call to Order by Don Smith, N8HCS
- Tyler V. from Ottawa Wireless was introduced.
- The approval of a \$707 grant was announced for the new controller (see the letter on pg. 4).
- Skywarn Training will be Thursday, Mar 25 at Coopersville High School.
- W6ASP from California was also a guest.
- VESA donated \$100 to the club.
- Don Meyer discussed forming a subsidiary branch of ARES to help with the North end of Ottawa County.
- Tom Fischer discussed the probability of getting Amateur Radio equipment set up in the Spring Lake Police Dept.– They are on board.
- Tom Vandermel won the 50/50 drawing.
- Tyler VanHeuling presented a nice discussion about the new citywide wireless internet system



Class of 2004

Our class this year was not as big as it sometimes is but these three guys gave it their all, and Graduated early. We all went to Holland Saturday morning February 21 to one of the biggest VE sessions ever held with the Holland Group and these three fellows passed their Technician Exams with flying colors. Additionally, John Fischer (KC8UNY) from Grand Haven passed his code test. (From left to right) Bob Jersstadt from Spring Lake, George Dood from Grand Haven, and Michael Grzyb also from Grand Haven.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

W8CSO (NOARC) Repeater information:

*****If the NOARC repeater goes down , use 145.490 simplex*****

Function	Value	Function	Value
Frequency	145.490 (-)	Load "Normal" File	1751
PL Tone	94.8 or 91.5 (GRR)	Load "Net Mode" File	1752
Carrier Access (no PL req'd)	TBA– Won't work at this time.	Echolink Connect	#Cxxxxx where "x..." is the node nmbr.
Signal Test	750	Echolink Disconnect	#73
Autopatch Start	* then number	Echolink Random Connect	#01
Autopatch End	#	Echolink Check Status	#08
Emergency	911 or *911	Echolink Connect Last node	#09

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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (KC8HXO@yahoo.com) and the Club Secretary (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club
P.O. Box 44
Ferrysburg, MI 49409
Postmaster: Return Requested

North Ottawa Amateur Radio Club



SPARK

April 2004



NOARC is Going To The Dogs!

The meeting on April 22 will include some very special guests— The Search And Rescue Canine Unit. This should be a great presentation, since the dogs themselves will also be there.

Treasurer's Report For April 14, 2004

Beginning Balance (as of January 22,2004) of all accounts was \$5521.74, of which checking and savings totaled \$4249.72, and the NOARC endowment fund balance of \$1272.02

Income for the period:

Grant From GH Community Foundation	707.00
Grant from Regional ARES	100.00
Sale of 6 Te Ne Ke's	210.00
Dues and 50/50 drawings	346.76
<hr/>	
sub total all income	1363.76

Expenses for the period:	Comconco for Repeater electric & telephone calls	386.91
	Andrew Young-echolink radio	100.00
	SMARS 3 tables Marchall Ham Fest	34.00
<hr/>		
	total expenses	520.91



Ending balance of all accounts: \$6364.59 of which checking and savings total \$5092.57, and the NOARC endowment fund total balance is \$1272.02

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

General Fund:	\$4817.57
Repeater Fund:	0
Digital Fund:	\$275.00
Endowment Fund	1272.02
Total all funds	\$6364.59

=====

This period there were no expenses incurred for the Te-Ne-Ke project, and \$210 in sales.

The total revenue generated to date are \$5383.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

As of today, 41 have paid their 2004 dues. Since we have about 60 members, about 20 have not yet paid. If you have not paid your 2004 dues, please do so this month.

=====

73, John Sundstrom, N8YQD



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

If you are unable to keep your appointment as Net Control, please arrange for a replacement. NOTE: This information is also found on the NOARC Web site www.qsl.net/noarc

• APR06	KB8HU	Charlie	• MAY18	N8LBG	Woody
• APR13	N8YQD	John	• MAY25	KF8NS	Dean
• APR20	N8ARY	Andrew	• JUN01	N8PFC	Brad
• APR27	N8HCS	Donald	• JUN08	N8YQD	John
• MAY04	W8TML	Tom	• JUN15	N8ARY	Andrew
• MAY11	KB8VEE	Tom	• JUN22	N8HCS	Donald

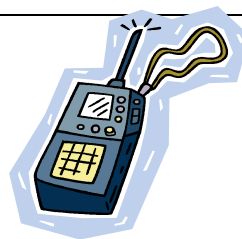
Upcoming Events

Net: Tuesday, Apr 20.

Meeting: Thursday, April 22, 7:00 PM (Officers Board Meeting at 6:00 PM)

Breakfast: Every Saturday at 7:00 AM, Pine Street Café.

Hamfests: Athens, OH– April 25
Cadillac– May 1
Dayton– May 14-16
IRA (Grand Rapids)- June 5
Midland– June 19
Jackson– August 14
Adrian– September 19
Holland– November 5-6
Harrison Twp (L'Anse) - Dec 5
Lowell– December 18



Club Officers :

PRESIDENT:	Dean Whitney, KF8NS	842-0976
Vice-President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom, N8YQD	847-4249
Secretary/SPARK editor:	Andrew Young, N8ARY	844-1776
Program Director:	Craig Christilaw, K8CRC	

Repeater Report— by N8ARY

There's not much new with the repeater this month, but last month Tom Fischer donated two antennas for the link system. This improved reception in Grand Haven for Echolink and Grand Rapids stations.

Thanks to all who helped install the new antennas!



An Inadvertently Funny e-mail address

You have probably seen the address **cajones616@aol.com** in your address book and wondered, as I did, "who picked 'cajones' as an e-mail address?" It closely resembles the Spanish word "cojones" or "cohunes," which refers, in Spanish, to a part of the male anatomy I shouldn't elaborate on. The address is actually for C.A. Jones, or Hal. Good one, Hal! I love it!

Plus I just couldn't let it drop at breakfast last Saturday. Thanks for being a good sport about it.

NOTICE

I am trying to change the way we distribute announcements, newsletters, and other information. If you have internet access, sign up for the W8CSO group on Yahoo. Go to <http://groups.yahoo.com/group/W8CSO/>

For now, I will try to keep up the Newsletter in the traditional manner for the members who haven't joined.

Feb 2004 Meeting Minutes

- No Minutes—
- We went to the Skywarn Training. There were many members present. It was at the Coopersville High School.
- A follow up comment from one of the club members was that the area Hams should have a spokesman available at these meetings who is prepared to effectively discuss our role in front of the group at the training session while presenting a good image of Amateur Radio. Some of us perceived that we as a group were caught "off guard" when a representative was asked to speak; therefore, we were not accurately represented to the public.

Classifieds

For Sale: MFJ 9420 20 meter QRP SSB transceiver- Like new, Paid \$240, sell for \$175.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

W8CSO (NOARC) Repeater information:

*****If the NOARC repeater goes down , use 145.490 simplex*****

Function	Value	Function	Value
Frequency	145.490 (-)	Load "Normal" File	1751
PL Tone	94.8 or 91.5 (GRR)	Load "Net Mode" File	1752
Carrier Access (no PL req'd)	TBA– Won't work at this time.	Echolink Connect	#Cxxxxx where "x.." is the
Signal Test	750	Echolink Disconnect	#73
Autopatch Start	* then number	Echolink Random Connect	#01
Autopatch End	#	Echolink Check Status	#08
Emergency	911 or *911	Echolink Connect Last node	#09

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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (KC8HXO@yahoo.com) and the Club Secretary (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club
P.O. Box 44
Ferrysburg, MI 49409
Postmaster: Return Requested

North Ottawa Amateur Radio Club

SPARK for May 2004

Presidents Perspective by Dean Whitney KF8NS

Well, I can officially say I'm 'over the hill' now, as the '50 year old' milestone passed by me earlier this month. I can feel the arteries hardening even as I write this. I'd say my memory is starting to fail too, but that's been on the way 'out' for a little while already, I just can't remember how long. Still too young for Alzheimer's, but not too old for 'sometimes' to be setting in, :-)

Anyway, the club meeting is coming up (I went to the school this past Thursday, thinking it was club meeting night, but nobody else was there). We have the hamfest coming up in Hudsonville June 5th. Some hams will be going over Friday & spending the night there, which, sounds like fun. The club will have a table or two there to put any gear out you'd like to sell, and also serve as a 'roost' for any wishing to rest their feet. Be sure to bring your shopping list, as well as plenty of 'green coupons'! My wish list is pretty short, I should be in the 'selling' mode rather than the 'buying' mode.

Also coming up in June is Field Day. We'll probably be hearing more about that at the club meeting, so anyone interested in participating, we'd like to see you / hear from you, either at the club meeting or on the Tuesday night net.

With that, I'll say '73's, & include a couple of more photo's from my trip 'down under'. de KF8NS / Dean

Page Topic

- 1. Presidents Message By Dean Whitney**
- 2. Upcoming Events and Net Control Schedule**
- 3. Gordon West Visits NOARC Booth at Dayton**
- 4. VP's Report By Don Smith**
- 5. Treasurer's Report; 2004 Dues form**

Upcoming Events

May 27th 7PM NOARC Meeting at the White Pine Middle School in Grand Haven. Topics: 1. Planning for Field Day. 2. Dan Whisman and John Sundstrom demonstrate their cool new rigs purchased at Dayton. Dan will demonstrate the new ICOM 703 QRP HF radio and John will show off his new Yaesu FT 857 all mode all band radio.

Saturday May 29 7:45 AM: Radio coverage of YMCA Run. Meet at Parking Lot back of Grand Haven Police Station. Call Don Meyer for information.

June 5 8 AM-2 PM : Hudsonville Hamfest. Noarc will have club tables For use by club members to sell their gear. Also, supper and camping available the night before.

June 24th: 6:30 NOARC Meeting & supper at Field Day Site (Hoffma Perserve) to do final organization, inspect antenna sites and make final plans.

June 26th & 27 : Annual Field Day ay Hoffma Preserve . Breakfast and setup

Saturday Morning. Begin Making contacts at noon. Greg Schippers and Jeff Olsen are overall team captains.

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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

May 25 KF8NS	Dean Whitney
June 1 N8PFC	Brad King
June 8 N8YQD	John Sundstrom
June 15 N8ARY	Andrew Young
June 22 N8HCS	Don Smith
June 29 W8TML	Tom Lau
July 6 KB8VEE	Tom Vandermehl

Gordon West, the well know author Visits NOARC Booth at Dayton 2004 and poses with Don and John



ECHOLINK NODE # 73469 (N8ARY-R) COMMANDS

Connect = #C then Node number (ie #C73469)
 Disconnect = #73
 Random Link = #01
 Reconnect Last Node = #09
 Check Status = #08
 Identify = #**

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	
Activities Director	Craig Christalaw K8CRC	

From the desk of Don Smith the V.P

Things were right on schedule this year for our three hundred and ten mile trip to Dayton Ohio for the Dayton Ham-vention because we took Lou N8KYO with us and he is always right on schedule. To all those who took the 350 mile trek to Dayton, well there is a shorter way and about an hour difference. The ham trio this year was Jon N8YQD, Lou N8KYO and myself. After our arrival we met up the Tom and Kathy the VEE'S, The Fischers were there, all four of them. Roger and Phyllis stayed in the same campground that we were in though we didn't get the chance to have dinner with them this year.

We arrived at the Dayton Campgrounds about six thirty and had plenty of time to set up the tent camper we borrowed from Jeff KC8FQh, set up a rig and an 80 meter dipole, and made some contacts. (of course there were hams in the park telling Lou how to get up a dipole but when they seen him bo lo a line over the tree right on target things got real quiet and everyone agreed that was the way to do it).

On Thursday we didn't rush too much but had a good breakfast at Bob Evans and made it to the arena about eight thirty to set up and find some of those pre ham fest deals. Wouldn't you know it that right off the bat I sold one of the old boat anchors I brought with me, which meant I had more money too play with. Things got kind of slow around the NOARC tent for a while so we spent a lot of time trying to find some deals but the stuff we were looking for just wasn't being set out yet, and so far no rain, but things are pretty dark and all of a sudden a down pour for about fifteen minutes then the sun came out again and so did we, still looking for that \$400.00 Yaesu FT-100 but no luck. A couple hours later another fifteen minute down pour then more sun. After a day of hard looking around and wondering where Lou was all day, we met up with the fellows from GAP Antenna's and the Fischers at a local restaurant for supper, discussed how things were going to go this year and how tired everyone was already and a good time was had by all.

Friday the first day of the swap we got up at 0:dark thirty and got rolling to breakfast so we could make it in the gate before it closed at eight, see the sellers have to be inside the fence by eight. We arrived at the ham fest about seven thirty and the Fischers were already there and had things set up which I know took a load off of Lou's mind, by the way has any one seen Lou today? I guess its pretty easy to get lost in a sea of thousands of people. On Friday (overcast but warm without rain all day) I seen John found a super deal on Yaesu FT-857 and I really would like to of had that deal but I looked and I think he got the only one there. I did manage a super deal on a Kenwood TS-50 but had to buy a Kenwood dual band rig with it to get the deal. Seems the fellow was cleaning out his Mercedes. Later I sold the dual band mobile for \$125.00 (what was I thinking?) Must have been the fatigue, but I am sure that fellow is still talking about the great deal he got and that's what its all about). Six already? Oh there's Lou, must be time to go to supper, never want to call Lou late for supper. After supper we got out the rigs we bought to try them out and even though I was making contacts on the Kenwood it seemed as if the wattage was real low and there was no knob to turn it up. After checking into a traffic net and finding KC8HXO on Frequency I told him of my dilemma which was the fact that I didn't have a manual with the Kenwood and didn't know how to adjust anything, so after a brief time Greg called me on my cell phone and he had looked up the TS-50 on the Internet, got me into the submenu's and found that the watts were set at ten which I changed to 100 and got the mod turned up then I was happy knowing I had a good rig. Thanks Greg. Also tried out the FT-857 John bought so we actually checked into the net and made three transmissions on three different rigs, Wow! And that was Friday.

The forecast for Saturday was rain till eleven but clearing for the rest of the day (right!!!) Again the same routine 0:dark thirty, yada yada and there we were again in the rain till eleven thirty, right? Wrong. It never stopped raining all day, where is Lou? I hope he has a rain suite! Had a lot of activity around the tent on Friday, mainly because it was a dry place to be. Did get to spend some time with Lou and John walking around inside but all the people seemed to be leaving Saturday afternoon so could really never find that special flea market deal.

About five we decided we had enough rain though I kind of would have liked to see what being there on a Sunday would be about, we bugged out, maybe next year. It quit raining long enough for us to get the tent camper emptied out and packed away. Took down the antenna and were on our way. Quite a dry ride home though and about dusk on the Indiana Ohio toll road we seen quite a few deer wanting to get some of the greener grass on the other side. So to tally things up I sold two radios bought two radio's and then sold one radio for a grand total of sold three and bought one. Also I picked up one of those jump start / air compressor / work light, a small speaker a couple of antenna's that didn't work, and also a good time was had by all. Next year maybe the weather will cooperate, and all the good deals will be there within arms reach and we all will have a pot of gold to spend, it could happen.

I will be looking forward to Hudsonville swap and the Great Road kill Chili Cook-off. The club will have tables there for club members to sell their excess gear though you could check with me first I may be buying.

BCNU later 73 de N8HCS AR/SK

Treasurer's Report For May , 2004

Beginning Balance (as of january 22,2004) of all accounts was \$5521.74, of which checking and savings totaled \$4249.72, and the NOARC endowment fund balance of \$1272.02

Income for the period:

Grant From GH Community Foundation	707.00
Grant from Regional ARES	100.00
Sale of 6 Te Ne Ke's	210.00
Dues and 50/50 drawings	346.76

sub total all income	1363.76
----------------------	---------

Expenses for the period:

Comconco for Repeater electric & telephone calls	386.91
Andrew Young-echolink radio	100.00
SMARS 3 tables Marchall Ham Fest	34.00

total expenses	520.91
----------------	--------

Ending balance of all accounts: \$6380.59 of which checking and savings total \$5092.57, and the NOARC endowment fund total balance is \$1298.80

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

General Fund: \$4817.57
Repeater Fund: 0
Digital Fund: \$275.00
Endowment Fund 1298.80
Total all funds \$6380.59
=====

This period there were no expenses incurred for the Te-Ne-Ke project, and \$210 in sales.

The total revenue generated to date are \$5383.36. This IS reflected in the general account balance in the above ledger. Please continue to support this important project!!

As of today, 45 have paid their 2004 dues. Since we have about 60 members, about 15 have not yet paid. If you have not paid your 2004 dues, please do so this month. Thanks.



John Sundstrom



**Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu**

News flash: Sundstrom is back in the Real Estate Business. Most of you do not know that I was an active Real estate Broker when I lived in Wisconsin prior to moving to Grand Haven back in 1988. While in Wisconsin I owned and operated "Country Store Realty" for many years. I was even voted "Realtor of the Year" in Wisconsin way back in 1981. Now that I have "retired" from Grand valley State, I am working full time as an Associate Broker for Century 21 Pearson Cook on Beacon Boulevard in Grand Haven.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____



North Ottawa Amateur Radio Club

SPARK for June 2004

Vice Presidents Blurb

Here it is time for field day! Do you know what that means? Well time to compete for more contacts than any other field day station in our class, with extra points for what ever we can get them for. Like satellite contacts, CW contacts, that's when you use morse code to make a contact instead of just talking into a microphone, its and old form of communications one time used because it was the only thing available. If your new to the hobby perhaps you could read about this mode in the history books and believe it or not the hams sometimes still use this mode yet to-day!

I know that the best thing about field day is all the food that will be consumed starting on Thursday night with what I guess you would call the organization dinner. Then there is Saturday morning breakfast, lunch, then the Great Saturday night pot luck which gets more attendance than any club meeting I have been to, because the whole family is welcome.

I have heard rumors of loops, cage, vertical, beam, and dipole antennas to be erected. I am sure that Lou has a little something stuffed up his sleeve that he has not told me about yet.

It will look like the Circus has come to town and that's not something you want to miss. So if you're young or old boy or girl big or small there will be fun to be had by all. So see you this weekend for one of the biggest events of the Ham Radio Summer!!!

73 Don, N8HCS

Hofma Preserve



Page Topic

Table of Contents

1. Vice Presidents column
2. Upcoming events and Net Control Schedule
3. Repeater Council Minutes, Echolink commands
4. Field Day 2004 Details (be sure to review this page)!
5. Michigan Radio ARRL Monthly news & May Meeting minutes.
6. New Weather Radios.
7. Treasurer's Report; 2004 Dues form

Upcoming Events

June 24th: 6:30 NOARC Meeting & hot dog supper at Field Day Site (Hofma Preserve) to do final organization, inspect antenna sites and make final plans.

June 26th & 27: Annual Field Day at Hofma Preserve . Breakfast and setup

Saturday Morning. Breakfast at 8:30. Begin Making contacts at 2 PM. Greg Schippers and Jeff Olsen are overall team captains. See page 4 for details.

July 2-4 : Muskegon Air fair. Muskegon club needs help for radio coverage.

July 22 : Fun filled annual Fox Hunt with an added twist.

July 31 : 7:30 AM Coast Guard 5 & 10 K run. Meet behind Police station.

August 5&6: Coast Guard Special Event Station. Setup Thursday morning at 8AM. Begin making contacts at 11:AM.

August 8th: 11:30 Coast Guard Parade . Will need 15-20 hams to provide radio coverage.

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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

June 22 N8HCS	Don Smith
June 29 W8TML	Tom Lau
July 6 KB8VEE	Tom Vandermehl
July 13 N8LBG	Woody Aldrich
July 20 Kf8NS	Dean Whitney
July 27 N8PFC	Brad King
Aug 3 KB8HU	Charlie Osborn

Minutes from Michigan Area Repeater Council Meeting June 4, 2004 (attended by John Sundstrom, 145.49 repeater trustee and Tom Vandermehl)

Meeting called to order by President Dennis Gaboury at 1:00 PM.

A Quorum was present. Secretary Jeff Skuda N8XN was absent. The Minutes from the March meeting were read by Dennis. Ron Gordon W8YUC made a motion, and seconded by Kelly Karpp KB8RWG, that the Minutes from the March meeting be approved as read and printed in the Newsletter, motion passed.

Kelly Karpp gave treasurer's report, motion made by Bruce Winchell N8UT, seconded by Dave Johnson WD8DJB, motion passed.

Dave Johnson gave a report on moving the website. More research is needed.

President Gaboury read the proposed By-law changes as published thirty days prior to the June meeting as required by the existing By-laws. It was mentioned that no correspondence, concerning the proposed changes, came to the post office box in the past thirty days. Discussion followed. Richard Corey W8IMA asked for clarification concerning remote base coordination's. Following discussion, Bruce made a motion to amend Article X, Paragraph 2, to add: such notice, mailed by USPS "or electronically" to the addresses currently on record with MARC. Motion was seconded and passed.

Dennis called for the vote, By-law changes were accepted.

New Business:

Bruce N8UT made a motion for under the D.O.G.; Move to allow the coordinator reasonable variations in distance separations with the use of Documented Waivers from all parties and a corresponding condition statement in the Coordination Documents in case interference is experienced. Seconded by Richard W8IMA. Discussion followed, motion passed.

Bruce N8UT then made another motion for under the D.O.G.; Move to allow the Coordinator, for the 440 Band, to Coordinate Repeaters at a distance separation of 100 miles. Seconded by Dan Thompson. Discussion followed, motion passed.

General Discussion:

Trustees are asked that if they know that a move is in the future, please contact MARC and give the new address with a cross street so that our Database Manager can run it through our program to see if the move will fit into the area of the proposed change.

Exchange of ideas of Echolink relationship to coordination followed.

The September meeting to be held in Lansing on the September 12th.

With no further business to conduct, a motion was made by Ron Gordon, seconded by Kelly Karpp to adjourn the meeting, motion passed.

ECHOLINK NODE # 73469 (N8ARY-R) COMMANDS

Connect = #C then Node number (ie #C73469)
Disconnect = #73
Random Link = #01
Reconnect Last Node = #09
Check Status = #08
Identify = #**

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

Field day June 26 & 27, 2004 Details

Location: Hofma Preserve which is end of Sleeper off 168th about 2 miles south of Grand Haven or from US 31 & Ferris, go north 2 miles on 168th to Sleeper; right to the end of the road. Look for sign that says Hofma Preserve.

Overall Chairmen: Jeff Olsen & Greg Schippers

Stations:

20 meters: Jeff Olsen

40 meter cw: Dan Whisman

15/80 meters: Lou Meisch

GOTA (all bands) Don Smith

ARRL Station type Class 3 A (100 watts from a generator)

Generator: Mike Slayton

Publicity Greg Schippers

Town Permits John Sundstrom

Food Phyllis Simmons

Antennas Lou Meisch



GOTA STATION FD 2002



Field day 2002-n8ary on beam

Miscellaneous: everyone : ground rods, tools, long cords, computers for logging, paper , fans, air conditioners, spare radios, coax, connectors, bug spray, hats, power supplies, antenna cord, extra antennas, ect. Note: We need operators for all stations. We have campers or trailers for each station.

Michigan ARRL Radio Monthly News

The radio amateurs of the State of Michigan have received an official Certificate of Proclamation from Governor Granholm naming the week of June 20, 2004 as Amateur Radio Awareness Week. It is a great honor that the 21,000 radio amateurs in Michigan are recognized by our state leaders for our contributions to the citizens of the state. This is an excellent opportunity to further promote the outstanding efforts of amateur radio during your radio club's Field Day activity. Should you desire to display a copy of the Proclamation at your Information Booth at Field Day, we are posting a downloadable copy to the Michigan Section Web site. Please feel free to forward a copy your local officials.

July is fast approaching and it is time to prepare for the Michigan Section's Family Outing at Woodlands Campground, 3 miles north of M-55 on Sage Lake Road in Lupton, MI. The full fledged activity begins Friday July 9 and runs through 14:00 Sunday July 11. You can arrive as early as 14:00 on ly 8. Please contact Debbie Kirkbride KA8YKK for reservation information, 821 Florida Ct., Bay City, MI 48706. The official registration form is available on the Michigan Section Web Site. We will have entertainment, campfire, live band, mixer and "Cheeseburger in Paradise" on Friday afternoon and evening. Saturday will include forums with your Great Lakes Division Staff: Division Director Jim Weaver K8JE, Joe Phillips W8QOE SM from Ohio, John Meyers NB4K SM from Kentucky as well as your MI SM WA8EFK. Other forums will include a Leadership Overview, ARPSC Training, NTS Section Nets, and Current Legislative Actions. Saturday activities climax with a spaghetti dinner, followed by fun activities planned by Debbie KA8YKK. Sunday opens with an interdenominational service led by Denny VE3EUI and will be followed by the ARRL Leadership sponsored family breakfast. The campgrounds will close at 14:00. We will host volleyball, canoeing, boating, swimming, softball and hayrides. There are arrangements for campers, tenters and those who would prefer to bunk in the campground's cabins. Non-campers are welcome to make local arrangements or just visit for the day. This year's theme is "Margaritaville", and we encourage you to join us in a relaxed atmosphere with some useful and informative sessions as well. Your Section Staff will also be there to meet with you and learn of your needs and interests.

Our thanks to all of the dedicated amateurs across the state who have been so active with local and regional Skywarn programs over the past few weeks. Local public officials and the National Weather Service really appreciate your involvement. Most assuredly, the dedication of those involved have included hundreds of man hours of effort.

Minutes of may 2004 Meeting by John Sundstrom (for Andrew Young Secretary)

1. Introduction of attendees (21).
2. Someone asked that the repeater announcement be re-consonsidered. (note there is a way to turn it off).
3. Some members are having trouble getting thier newsletter via Yahoo.
4. Discussion of Field Day. See full page elsewhere for details.
5. A demonstration of 3 small rigs was presented. John Sundstrom showed his Yaseu FT-857 . Dan Whisman his ICOM 707 qrp rig and Greg Shippers showed his SGC 2020.

| Weather radios will carry more kinds of alerts

By Traci Watson
USA TODAY

WASHINGTON -- People across the nation now can learn quickly about emergencies ranging from tornadoes to terrorist attacks by owning a radio that broadcasts weather information, federal officials said Thursday.

Weather radios have alerted listeners to natural emergencies such as floods and storms, but now the radios will also broadcast alerts about man-made emergencies such as chemical spills, breakdowns in the 911 calling system and missing children.

The Department of Homeland Security will also use the radio network to notify the public of terrorist attacks and a change in the color-coded national threat level.

The broader role for weather radios is the result of an agreement signed Thursday by the Department of Homeland Security and the National Oceanic and Atmospheric Administration (NOAA), a branch of the federal government that oversees the National Weather Service and operates the emergency network that broadcasts messages to weather radios.

The agreement "serves to strengthen our ability to protect Americans from both man-made and natural disasters," said Reynold Hoover of the Federal Emergency Management Agency.

Here's how it works: If a factory emits toxic chemicals into the air, the radios in nearby counties will sound a loud tone, even if the radios aren't switched on. The tone will be followed with information about the emergency and instructions on what to do. Warning systems for the deaf can shake a bed or transmit a message to a printer.

Alerts, if necessary, can be broadcast across regions or nationally. For instance, a problem at a nuclear power plant that could spread radiation a long distance could prompt an alert to several states.

Before Thursday's agreement, the NOAA network offered only spotty coverage of man-made hazards such as oil and chemical spills.

Now the network "is going to be automatically part of the national response to alerting the public to dangers," said Conrad Lautenbacher, the head of NOAA.

Fifteen percent to 20% of Americans own a weather radio. Ownership is higher among people living along the coasts and in tornado-prone states such as Oklahoma.

Weather radios generally cost \$35 to \$70 and are sold by electronics shops, department stores and big retailers. There are many brands, but most include the words "All-Hazard Radio" or "Weather Radio" on the packaging.

Treasurer's Report for June 2004, John Sundstrom N8YQD

The beginning balance for all accounts (as of the May 20 th Bank Statement) are:

Bank One checking 1,874.13

Bank One Savings 3,173.41

sub total 5,047.54

Grand Haven Community fd 1,298.80 (as of end of the first quarter, 2004)

total all accounts 5/20/04 6,346.34

ACTIVITY SINCE 5/20:

Checking Deposits : (REVENUE)

TE-NE-KE Sales from

Dayton & Hudsonville 480.00 6/8

Dues paid, more TE-NE

KE sales, IRLP donation 170.00 6/9

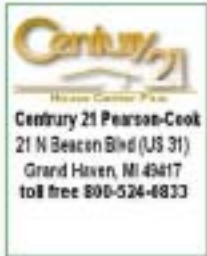
Checks: (EXPENSES)

Grand Haven TWP-fee -40.00 6/8

Final Balance as of 6/16 6,956.34 (all accounts)

of the above balance, \$5,813 was from TE TE KE sales at Hamfests and mail order over the last 5 years. As of now 47 have paid their 2004 dues..

47 HAVE PAID DUES SO FAR THIS YEAR



John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

Put your add here. Contact the editor.

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for July 2004

President Dean's comments and picture from his extensive travels to Australia and New Zealand :

Greetings NOARC hams (and Non-NOARC hams that would like to be NOARC hams), First off, a big thank-you to all that participated in the NOARC Field Day weekeknd. I'd venture to say that the weather was nothing less than superb (hopefully that wasn't our entire summer, although it almost appears that way), the food was delicious, and it was a well put together / planned event, from the location arrangements, to the equipment / trailers provided. Kudo's to all that played a role in preparation, setup, and tear down. Thanks to N8YQD's son-in-law for allowing the club to once again use his generator. It really is the 'nervous system' of the clubs efforts. We have a Fox Hunt event coming up July 22 for anyone wanting to get in on some DF'ing, and I'm sure we'll have some additional information in this newsletter. Last years Fox Hunt with the finish up picnic at the Ferrysburg park was a good time for all. Be sure to participate if you're able. We seem to be in the 'summer doldrums' for lack of nearby hamfests, but, fall is coming, and with fall comes some hamfests to attend. Keep saving your money, and, if you absolutely can't wait til fall, then give Don, N8HCS a call, as he always has some gear that can be reasonably bought or traded for. Just a reminder to be aware of your night to be Net Control, & if you can't make your date, then it's up to you to find a 'pinch hitter'. 73's, & will include a couple of more photo's of my trip to NZ.



This was definitely the most unusual restaurant I've even seen in my life. We stopped here on the way from Wellington to Lake Taupo where we went fishing in a lake formed by a volcano

Page Topic

Table of Contents

1. Presidents Comments and pix from his Travels last Fall.
2. Upcoming events and Net Control Schedule
3. Field day 2004 Pictures and Story.
4. Fox Hunt Map for July 22 Fox Hunt And Don Meyers's request for assistance for the Coast Guard Festival Events.
5. Treasurer's Report; 2004 Dues form

Upcoming Events

.July 22 : Fun filled annual Fox Hunt with an added twist. Meet at the White Pines Middles School Parking Lot at 7 PM. See Boundary Map Page 4 Participants can search for the fox by radio direction finding or by using their GPS .

July 31 : 7:30 AM Coast Guard 5 & 10 K run. Meet behind Police station. Also help needed for the Kids Parade beginning at 11:30 AM. See Page 4 for details.

August 5&6: Coast Guard Special Event Station to be located between the Core of Engineers Federal Building and the Coast Guard Station on the Grand Haven waterfront. Setup Thursday morning at 8AM. Begin making contacts at 11:AM. Resume Friday morning until 5 PM. Contact John Sundstrom to help.

August 8th: 11:30 Coast Guard Parade . Will need 15-20 hams to provide radio coverage. See Don Meyer's letter on page 4 for details.

August 26th: Regular NOARC Club meeting at 7 PM at White Pines Middle School.

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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

July 20	Kf8NS	Dean Whitney
July 27	N8PFC	Brad King
Aug 3	KB8HU	Charlie Osborn
August 10	N8YQD	John Sundstrom
August 17	N8ARY	Andrew
August 24	N8HCS	Don Smith
August 31	W8TML	Tom Lau
Sept 7	KB8VEE	Tom Vandermehl

Field Day 2004 Pictures and Story



**Guys dropping Antenna
from 6 Meter station**



**Lou Miesch's 15 & 80 Meter
station**



**Satellite antennas with Don
Smiths' GOTA Station in a
53' Airstream Trailer**



**Dan Whisman's 40 Meter
CW Station**



**Tom and Tom on Jeff Olsen's
20 Meter station**



**Ham Friends relax at Meal
Time (Thanks Phyllis)**

From: "kc8hxo" <kc8hxo@yahoo.com>Subject: W8CSO Field Day Results!!!!!!

Well, folks here is the summary:

171 CW QSO's and 868 Phone QSO's and 1400 Bonus points. With our multipliers for power factor, X2 for CW QSO's, and all our bonus points added in, we are submitting an entry with a TOTAL POINT SCORE of 3820 POINTS! Great job!

For those interested, in 2003 our score was 2928. Our score in 2002 was 3952, however that year we ran 4A, so we had another transmitter. A BIG thank you to ALL who participated this year. A special thanks to those who went above and beyond.... you know who you are! I had a great time again, and enjoyed the comraderie, and experimentation always present at Field Day. Bring on FD 2005!!!!

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464



Fox hunt map. Boundaries Lincoln on south; LK Mich on West; Fulton on North

Hello Everyone ...Once again Coast Guard Festival is coming up and I am asking for your help with three activities. They are the YMCA runs and the Family Parade on Saturday July 31st and the Grand Parade on Saturday August 7th. We have been asked to provide the Coast Guard Committee with communications for the Grand parade this year so I will need more help with this.

Here are the time we need help for the activities if you can help please email me or call me at 616-846 -7307 leave your name call and phone #

E-mail : kb8odb@sbcglobal.net

July 31st YMCA runs 7:15 at Public Safety parking lot over by 9:30

Family Parade 10:00 at Public Safety parking lot over by 11:30

August 7th Grand Parade

Parade line up and Logistics 8:30 - 3:00

Parade Logistics 11:00 - 3:00

Parade Safety 11:00 - 3:00

There is also a Volunteer Picnic on July 31st 4 p.m. to 7 p.m. that we are invited to I need your address so they can send you an invite to attend this if you would like to with your spouse or significant other. If you helped last year let send me your address and I will get you an invite also.

Thank you for helping with all the events we have going on an I hope to here from you ..

Treasurer's Report for July 2004, John Sundstrom N8YQD

The balance for all accounts (as of the June 18,2004 Bank Statement) are:

Bank One checking 2,450.13

Bank One Savings 3,173.86

sub total 5,623.99

Grand Haven Community fd 1,298.80 (as of end of the first quarter, 2004)

total all accounts 6/18/04 6,922.988

ACTIVITY SINCE 5/20:

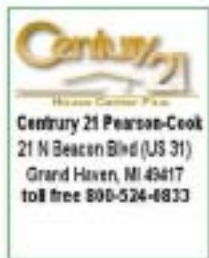
Checking Deposits none

Checks: none

Final Balance as of 6/20 6,922.98

of the above balance, \$5,813 was from TE TE KE sales at Hamfests and mail order over the last 5 years.

47 HAVE PAID DUES SO FAR THIS YEAR



John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

**Put your add here. Send your-
card to the editor.**

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City_____ State_____ Zip_____

Phone Number_____ E-mail_____

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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for August 2004

President Dean's comments and picture from his extensive travels to Australia and New Zealand :

Happy Dog Days of August all you hams out there!

Why they call it the 'Dog Days' I'll never know, unless it's because of all the kids 'growling & whining' about having to go back to school after several months of leisure. We should be so lucky!

Anyway, this month's club meeting at White Pines Middle School on the 26th should be an interesting one, with a good topic. Hard to believe August is half over with already, where did it go? I for one know I worked too much, & after shifting the eldest son from one apartment to another in Kalamazoo, the aches & pains are telling me to tell the kid to use his friends next time, or to make sure

I think I'm in need of a good Hamfest 'fix'. Ebay is always there, but there's nothing like picking up & looking at gear, even if just for a 'look see'. Yard & garage sales help fill the void, but, there's only so much room for non-ham gear junk in the garage,

Good job to all involved with Coast Guard Festival this year. I'd have liked to at least have made it over to that side of town, but never made it. Maybe next year.

Don't forget to check for your rotation as Net Control, and remember it's up to you to find a replacement if you find you can't take your turn. 73's, and enjoy another photo or two from the Land Down Under. -Dean KF8NS

Have You joined the NOARC Discussion Group? To join, go to the Noarc Web Page

Located at www.Qsl.net/noarc. Next look for the "join discussion group" button on the front page. You will be moved to a Yahoo web page for actual signup.

Page Topic

Table of Contents

1. Presidents Comments .
2. Upcoming events and Net Control Schedule
3. Field day 2004 Pictures and Story.
4. Vice President's perspective.
5. Treasurer's Report; 2004 Dues form

Upcoming Events

August 26th: Regular NOARC Club meeting at 7 PM at White Pines Middle School. We will receive a presentation by Ben Doctor on the Win link HF email system.

September 11: Hamfest at the Forest Hills Middle School on East Leonard street in Grand rapids. Our club will have 3 tables for the use of members to sell their surplus ham gear. Tickets are \$6 except all school kids get in free. Setup is at 6 AM or the night before. General Admission at 8 AM. Free camping allowed.

September 18: Joint Fox Hunt with Muskegon ARC at 2 PM. The fox hunt will be followed by a Burger's & Brats cookout at the MARC club house.

September 23: Regular club meeting at White Pine Middle School. Topic TBA.

Picture from 2002 Fox
Hunt at Muskegon



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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

August 24 N8HCS Don Smith

August 31 W8TML Tom Lau

Sept 7 KB8VEE Tom Vandermehl

Sept 14 N8LBG Woody Aldrich

Sept 21 KF8NS Dean Whitney

Sept 28 N8PFC Brad King

October 5 N8YQD John Sundstrom

Coast Guard Special Event Station Story by JFS

Once again, NOARC ran a special event station on Thursday and Friday of Coast Guard week. This year, we setup on the lawn of the US Army Corp of Engineers because the Coast Guard had built a fence on their grounds. Patrick Popena made the arrangements for us with the Corps. We were well treated and even issued special parking passes so we had no problems getting to the station. Lou Meisch, Don Smith and Roger & Phyllis Simmons arrived early Thursday morning and we erected 20 & 40 meter dipoles. We ran the station at a leisurely pace and made about 80 contacts. We made friends with visitors passing by. Others who participated were John Fisher and Craig Cristilaw.



President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

Vice Presidents Perspective By Don Smith N8HCS

OK folks looks like we will be moving back inside for our monthly meetings again for the fall and summer months, so will see you at the White Pines Middle School this month for the meeting of NOARC.

Seems as if this has been a pretty smooth summer, no real severe weather, just good old rain, seems as if it is still spring and I am still waiting for summer and fall is upon us again.

Speaking of bad weather has anyone heard from Lou N8KYO? He went to Florida for the Hurricane party and as of tonight I haven't heard how he has made out.

Field day was a great success and we should be in the little bit better class this year over last year.

It is to my understanding that the special events station went very well, with about 70 or so contacts, which is pretty good for the band conditions. I was able to help set up and then had to do other things but I figure the rest of the club would show up and make contacts.

I listened to the net for the parade this year and it seemed to be a very well handled net, with Tom KB8EE as net control. Not all the chatter that you get on some of the weather nets. There was plenty of space for someone to get in a word edgewise in case of an emergency. I heard that a little girl fell off a ride at the carnival, a short time later I had to go and take one of my boys down to emergency and the girl was in the same room at the Hospital, everyone is fine.

Still waiting for a couple of ham fest yet to happen this year, one in Grand Rapids, one in Kalamazoo and the big one in Holland. (Note : Next Hamfest is September 11 th in East Grand rapids—editor).

Still waiting for the North Ottawa County Amateur Radio Emergency Service (NOCARES) to get started over there in Spring Lake. I have been assured by Tom KB8VEE that now the summer stuff is taken care of that this will be taken care of promptly.

Sharing a meal at
2004 Field Day



Treasurer's Report for July 2004, John Sundstrom N8YQD

The balance for all accounts (as of the June 18,2004 Bank Statement) are:

Bank One checking 2,450.13

Bank One Savings 3,173.86

sub total 5,623.99

Grand Haven Community fd 1,298.80 (as of end of the first quarter, 2004)

total all accounts 6/18/04 6,922.988

ACTIVITY SINCE 5/20:

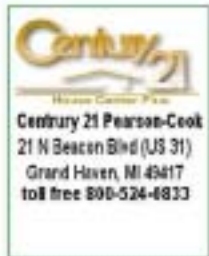
Checking Deposits none

Checks: none

Final Balance as of 6/20 6,922.98

of the above balance, \$5,813 was from TE TE KE sales at Hamfest and mail order over the last 5 years.

47 HAVE PAID THEIR DUES SO FAR THIS YEAR, HAVE YOU?



John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

**Put your add here. Send your
card to the editor.**

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name-_____ Call _____

Street Address_____

City _____ State _____ Zip _____

Phone Number _____ E-mail _____

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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for September 2004

President Dean's comments and picture from his extensive travels to Australia and New Zealand :

Anyway, this month's club meeting at White Pines Middle School on the 26th should be an interesting one, with a good topic. Hard to believe September is half over with already, where did it go? I for one know I worked too much, & after shifting the eldest son from one apartment to another in Kalamazoo, the aches & pains are telling me to tell the kid to use his friends next time, or to make



**Picture from New
Zealand trip by
Dean Whitney**

Have You joined the NOARC Discussion Group? To join, go to the Noarc Web Page

Located at www.Qsl.net/noarc. Next look for the "join discussion group" button on the front page. You will be moved to a Yahoo web page for actual signup.

Page Topic

Table of Contents

1. Presidents Comments .
2. Upcoming events and Net Control Schedule
3. Holland Suoer Swap Announcement.
4. Will the WI-FI phone replace the cell phone? —by John Sundstrom.
5. Treasurer's Report; 2004 Dues form

Upcoming Events

September 18: Joint Fox Hunt with Muskegon ARC at 1 PM. The fox hunt will be followed by a Burger's & Brats cookout at the MARC club house.

September 18: 5 K Run at 7:45 AM. Meet at the Grand Haven Police & Fire Station.

September 23: Regular club meeting at White Pine Middle School. Topic

will be a short presentation on "Airline Operations and Communications" by Craig Cristalaw . This presentation will include a brief synopsis of the normal operations at Northwest Airlines from the pilot's perspective.

Picture from 2002 Fox
Hunt at Muskegon



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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

Sept 21 KF8NS Dean Whitney

Sept 28 N8PFC Brad King


October 5 N8HCS Don Smith

October 12 N8ARY Andrew Young


October 17 N8HCS Don Smith


October 24 W8TML Tom Lau

October 31



The
Great Lakeshore
Super Swap
& ARRL State Convention





Saturday
November 6, 2004

FEATURED GUEST SPEAKER
Jim Haynie, WSJBP

Harbor Lights School
3600 - 122nd Avenue (off Bkwy)
Holland, Michigan 49424
www.hollandarc.org

8:00am-2:00pm
Banquet, Friday, 6:30pm

Tickets...
Banquet: \$22.50 / Tables: \$10 / Admission: \$5

Prizes include: Tennadyne Log Periodic, Ranger RCI-5054-100, 6 Meter, and more.

Forums include: NTS, ARES, RACES, Medtronics, FCC, and others.
Forums start 8:30AM, Jim Haynie President of ARRL speaking at 12 Noon, check web Site for more info.

DXCC Card checking. V.E. Testing @ 10:00AM some walk-ins available.

Applications for tables available on line @ www.Hollandarc.org

Talk-in: 147.06 + 94.8Hz PL

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

Will the one on the right replace the conventional cell phone ? John Sundstrom ,MiCTA

In the picture below, is a side by side comparison of my Nextel and my Broadvoice wireless IP phone. Both phones have a normal phone number. While my Nextel phone costs me about \$75.00 per month- For an average of 400 daytime minutes and unlimited weekend minutes, my broadvoice phone costs me a flat \$19.95 per month for unlimited calls to the United States and Canada. The Broadvoice phone only works when it is range of a 802.11 WI -FI "hot spot". It works by converting human analog voice and telephone signaling into IP packets that are routed over the commodity internet. At the other end , the calls ring and sound just like a conventional cell phone or land line call. The call quality is very good and thus far I have not detected any "packet delay" or call degradation that is sometimes experienced by on other internet phone systems such as Vonage. At this time, the big limitation of the Broadvoice system is that one needs to be in range of a WI-FI system. However, this limitation is not too great of a problem if one lives in a city like Grand Haven, Michigan that has city wide wireless internet service plus numerous coffee shops providing free open WI-FI connections for the price of a cup of coffee. This technology should also be popular with students attending a University or College that provides WI-FI service for the campus. One interesting aspect of internet phones is that there is no geographical limitation as to area code and exchange for the phone number. My phone has an Ann Arbor number assigned to it (734-531-0258). Also, for \$2/month, I could have a second phone number in say, Los Angeles. If one had business or relatives in these two cities, clients or relatives could call you for just the price of a local call. This means that long distance providers will further loose revenue as this technology takes off. So, will the WI FI phone replace the cell phone? Not soon, but phone manufactures are jumping on the trend and developing a hybrid Wi-Fi/ Cellphone combo . Motorola has announced one and Nokia and Hewlett Packard are close behind. This is a technology that has the potential to be mainstream very soon due to the rapid deployment of free WI-FI networks in stores, colleges, offices and homes. If so, it means further revenue losses and profit squeeze to conventional long distance carriers, cellular phone companies and conventional local exchange carriers.



Treasurer's Report for August 2004, John Sundstrom N8YQD

The balance for all accounts (as of the June 18,2004 Bank Statement) are:

Bank One checking	2,450.13
-------------------	----------

Bank One Savings	3,173.86
------------------	----------

sub total	5,623.99
-----------	----------

Grand Haven Community fd 1,307.66 (as of end of the second quarter, 2004)

total all accounts 6/18/04	6,931.65
----------------------------	----------

ACTIVITY SINCE 7/20:

Checking Deposits	none
-------------------	------

Checks: 180.27 Phyllis Simmons—Field day food
93.36 Greg Schippers—Field day gas & expenses

Income	-interest	35.97	from both savings and Grand Haven Community Fund
--------	-----------	-------	--

Final Balance as of 8/26 6,693.99

of the above balance, \$5,813 was from TE TE KE sales at Hamfest s and mail order over the last 5 years.

place your card here

Put your business card here

Century 21
Houses Come First
Century 21 Pearson-Cook
21 N Beacon Blvd (US 31)
Grand Haven, MI 49417
toll free 800-524-6833

John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

Don Smith



1528 Franklin
Grand Haven, MI 49417

n5110a@erl.net
816-836-8323

Dues Renewal Form. Dues are : Single \$35, Family \$45 . Please mail to Box 44 Ferrysburg, MI 49409

Name- _____ Call _____

Street Address

City _____ State _____ Zip _____

Phone Number _____ E-mail _____

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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for October 2004

Attention North Ottawa Amateur Radio Club Members...

This is an important announcement regarding the October NOARC meeting:

The Holland Amateur Radio Club has informed us that Loren Howard will be doing a presentation on "Radio Frequency Interference" in Holland on Thursday, October 21st, 2004, at the Holiday Inn in Holland. In order to take advantage of this event, the NOARC club officers have decided that we should attend this event instead of having our regular meeting on the fourth Thursday. The presentation will be Thursday night, October 21st, at 7:00pm at the Holiday Inn in Holland, located at 650 East 24th Street, at US-31, in the "St. Croix

Our plan is to meet at Russ' Restaurant in Grand Haven at 6:15pm, and car-pool down to Holland to attend this presentation. The program will run approximately 2 hours, and then we will drive all members back to the Russ' parking lot. We certainly hope that all interested members will attend this interesting program, and if you have any questions, please call or email your favorite club officer.

Hope to see you next Thursday...

Have You joined the NOARC Discussion Group? To join, go to the Noarc Web Page

Located at www.Qsl.net/noarc. Next look for the "join discussion group" button on the front page. You will be moved to a Yahoo web page for actual signup.

Page Topic

Table of Contents

1. Special Meeting This Month at Holland Holiday Inn Thursday Oct 21.
2. Upcoming events and Net Control Schedule
3. Holland Super Swap Announcement.
4. Club passes 3 year dues plan that invests funds in the Grand Haven Community Foundation and get you a tax refund besides.
5. Treasurer's Report; 2004 Dues form

Upcoming Events

October 21 : NOARC Club Meeting at Holland Holiday Inn. Special Presentation on FRI.

November 6: Holland Super Swap at the Harbor Lights School in Holland. Talk in on 147.06. Noarc will have 3 tables at the Swap for use by all club members. Setup will begin at 6:30 AM. NOARC will have tables no 45,46 & 47. TeNeKe's will be on sale.

November 7: St Joseph Ham Fest.

November 18: NOARC Club meeting & election of Officers from Next Year. The meeting will be at the Grand Haven Police & Fire Station to accommodate a tour of the e_911 emergency facility.

November 25: Thanksgiving

Picture from 2002 Fox
Hunt at Muskegon



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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

October 19 N8HCS Don Smith


October 26 W8TML Tom Lau

November 2 KB8VEE Tom Vandermehl

November 9 N8LBG Woody Aldrich


November 16 N8PFC Brad king


November 23 N8YQD John Sundstrom



FEATURED GUEST SPEAKER
Jim Haynie, WSJBP

The
Great Lakeshore
Super Swap
& ARRL State Convention





Saturday
November 6, 2004

8:00am-2:00pm
Banquet, Friday, 6:30pm

Tickets...
Banquet: \$22.50 / Tables: \$10 / Admission: \$5

Harbor Lights School
3600 - 122nd Avenue (off Hwy)
Holland, Michigan 49424
www.hollandarc.org

Prizes include: Tennadyne Log Periodic, Ranger RCI-5054-100, 6 Meter, and more.

Forums include: NTS, ARES, RACES, Medtronics, FCC, and others.
Forums start 8:30AM, Jim Haynie President of ARRL speaking at 12 Noon, check web Site for more info.

DXCC Card checking. V.E. Testing @ 10:00AM some walk-ins available.

Applications for tables available on line @ www.Hollandarc.org

Talk-in: 147.06 + 94.8Hz PL

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
President	Dean Whitney, KF8NS	842-0976
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

NOARC Passes Special 3 year Dues package For just \$35 (well \$70 but you get \$35 back on your state Taxes)!

At the September meeting the club voted to once again offer a 3 year dues package to the members for the bargain price of \$70. This is possible because the club is doing well thanks to the TeNeKe sales at Hamfest (especially at Dayton) over the last 5 years. In addition the dues money is to be deposited in the Grand Haven Community Foundation Fund on behalf of the paying member, the member will receive a tax credit of half of the dues (or \$35) on their state income tax. Thus, you either pay \$35 less taxes or you receive a \$35 larger refund and you get 3 years dues paid for just \$35.

The Grand haven Community Foundation is the same organization that gave us a grant this year for \$708 to pay for the new Repeater Controller.

In order to take advantage of the tax credit you must pay your dues prior to December 28th. So, please send in your check to : GRAND HAVEN COMMUNITY Foundation/NOARC fund for \$70 to Box 44 Ferrysburg, MI 49409. Besides saving you money, your funds will remain in the NOARC fund and earn interest that can be withdrawn in the future to pay for a needed project such as a new repeater. You may also send your check directly to the Grand haven Community Foundation, 1 south Harbor, Grand haven, MI 49417 directly. If you do , please send the treasurer an e-mail or note so I can properly credit your dues account. Thanks, John Sundstrom, Treasurer. E-mail is: sundstrj@gvsu.edu, phone 616-636-4166.

FCC Acknowledges Interference Potential of BPL as it Okays Rules to Deploy It (Oct 14, 2004) -- As expected, the FCC has approved revised Part 15 (unlicensed services) rules to specifically regulate the deployment of broadband over power line (BPL) technology. The Commission adopted a *Report and Order* in ET Docket 04-37 when it met in open session today.



Treasurer's Report for August 2004, John Sundstrom N8YQD

The balance for all accounts (as of the June 18, 2004 Bank Statement) are:

Bank One checking 2,450.13

Bank One Savings 3,173.86

sub total 5,623.99

Grand Haven Community fd 1,307.66 (as of end of the second quarter, 2004)

total all accounts 6/18/04 6,931.65

ACTIVITY SINCE 7/20:

Checking Deposits none

Checks: 180.27 Phyllis Simmons—Field day food

93.36 Greg Schippers-Field day gas & expenses

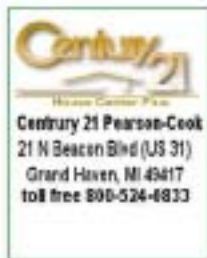
Income -interest 35.97 from both savings and Grand Haven Community Fund

Final Balance as of 8/26 6,693.99

of the above balance, \$5,813 was from TE TE KE sales at Hamfest s and mail order over the last 5 years.

place your card here

Put your business card here



John Sundstrom



Office 616-850-2100
cell 616-638-4168
fax 616-846-7151
sundstrj@gvsu.edu

Don Smith

1028 Franklin
Grand Haven, MI. 49417

n8hoo@ent.net
616-636-6363



3 years Dues Renewal Form. Single \$70, Family \$80 for 3 years. Please mail to Box 44 Ferrysburg, MI 49409

Name _____ Call _____

(make check out to the Grand Haven Community Foundation—you will receive a receipt for tax purposes from them)

Street 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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for November 2004

From the Editor...

1. The IRLP system is now working fine. To access it, go to 443.7750 and punch in the code of the Node you want to talk to.
2. We sold 3 Te Ne Ke's at the Holland Hamfest. We are down to one. Hopefully, more can be built over the winter so we have 20-30 for the 2005 Hamfests.
3. Andrew Young, N8ARY, has agreed to do the newsletter once again for me while I spend the winter in Florida.
4. The 145.49 is useable but still experiencing interference when the receiver PL is opened up. Hank Reikels, W8GVK, is working on it. When I last talked to him (11/6), he was going to check on an antenna hard-line fitting going to a 2.4 GHZ data service. No interference is experienced if you can come in through the Grand Rapids (PL 91.5) link. The reason is the "feed" from GR is via a 70 CM receiver on water tower hill that is not affected by the interference.
5. I discovered that 2 mobile –vertical style hamsticks hooked together to make a dipole antenna works pretty good. I bought 2 20 meter hamsticks at the Holland hamfest (for just 8.95 each) and hooked them to a bracket assembly made up by Don Smith N8HCS. Next, I mounted the antenna on a 10 pole and stood it up on my deck. I check into the bathrobe net fine business.
- 6. We have election of officers this month so its important that you attend the meeting at the Grand Haven Police & Fire station conference Room (where we used to meet). Here is the lineup: President Tom Fisher, K8000, Vice President Don Smith, N8HCS, Treasurer John Sundstrom, N8YQD, Activities Director Craig Christalaw K8CRC & finally Secretary , vacant no candidate. So, we need someone volunteer to be secretary.**
7. Please get your 2005-2008 dues check in to me soon. I am leaving for Florida December 26th. Remember, it s \$70 for 3 years and you get a \$35 state tax credit because its deposited in the Grand Haven Community Fund. So its really only 35/3= \$11.66 per year ! You need to pay it this year to get the credit (or refund) on your 2004 Michigan Tax return. You can also opt to pay for one year at \$35 but no tax credit.. See page 4 for details. Thanks, John n8yqd

Have You joined the NOARC Discussion Group? To join, go to the Noarc Web Page

Located at www.Qsl.net/noarc. Next look for the "join discussion group" button on the front page. You will be moved to a Yahoo web page for actual signup.

Page Topic

Table of Contents

1. From the Editor..
2. upcoming events and Net Control Schedule
3. IRA State wide coverage map
4. Club passes 3 year dues plan that invests funds in the Grand Haven Community Foundation and get you a tax refund besides. Pictures from Holland Ham Fest & TE NE KE assembly .

Upcoming Events

November 18: NOARC Club meeting & election of Officers from Next Year. The enter via the Washington Street entrance of the Grand Haven Police & Fire Station . The Director will give us a briefing of the Central Dispatch operation followed by a tour of the facility.

November 25: Thanksgiving

December : NOARC Christmas Party

Picture from 2002 Fox
Hunt at Muskegon



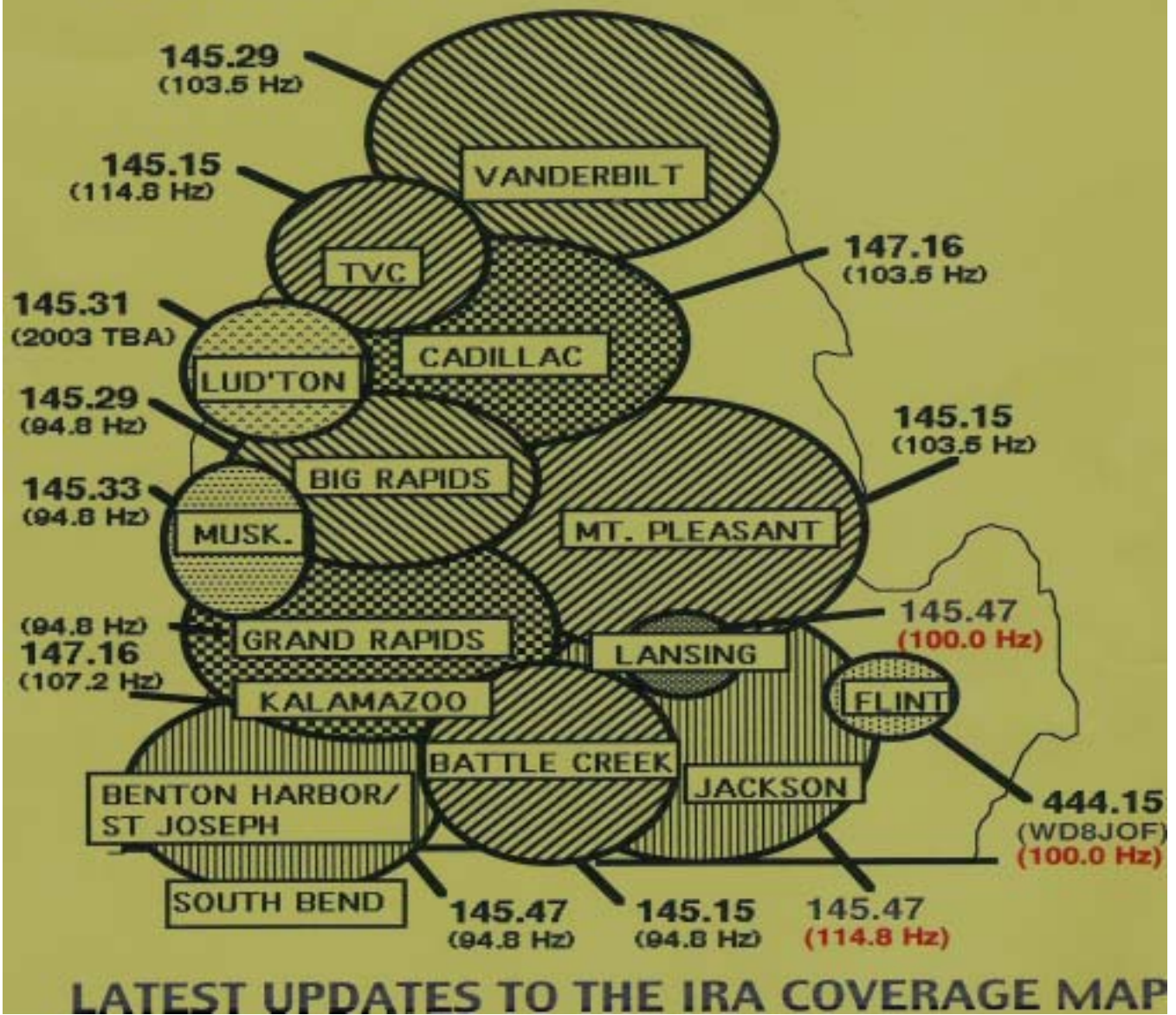
***** Net Control Schedule *****

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

November 16	N8PFC	Brad king
November 23	N8YQD	John Sundstrom
November 30	N8ARY	Andrew Young
December 7	N8HCS	Don Smith
December 14	W8TML	Tom Lau
December 21	KB8VEE	Tom Vander Mehl
December 28	N8LBG	Woody Aldrich

QST QST QST: MAKE THE FOLLOWING RED
PL CHANGES ON YOUR MAP HERE TODAY



President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

NOARC Passes Special 3 year Dues package For just \$35 (well \$70 but you get \$35 back on your state Taxes)!

At the September meeting the club voted to once again offer a 3 year dues package to the members for the bargain price of \$70. This is possible because the club is doing well thanks to the TeNeKe sales at Hamfest (especially at Dayton) over the last 5 years. In addition the dues money is to be deposited in the Grand Haven Community Foundation Fund on behalf of the paying member, the member will receive a tax credit of half of the dues (or \$35) on their state income tax. Thus, you either pay \$35 less taxes or you receive a \$35 larger refund and you get 3 years dues paid for just \$35. The funds remain in the Community Foundation but the club can withdraw all the interest earnings from time to time if it needs operating money.

The Grand haven Community Foundation is the same organization that gave us a grant this year for \$708 to pay for the new Repeater Controller.

In order to take advantage of the tax credit you must pay your dues prior to December 25th. So, please send in your check to : GRAND HAVEN COMMUNITY Foundation/NOARC fund for \$70 to Box 44 Ferrysburg, MI 49409. Besides saving you money, your funds will remain in the NOARC fund and earn interest that can be withdrawn in the future to pay for a needed project such as a new repeater. You may also send your check directly to the Grand haven Community Foundation, 1 south Harbor, Grand haven, MI 49417 directly. If you do , please send the treasurer an e-mail or note so I can properly credit your dues account.



Andrew Young & daughter get ready to take off on a helicopter ride at the Holland Ham Fest.

Gordon Stockhill and Don Smith work on TE NE Ke assembly last spring prior to Dayton. We built about 25 keys that day. Now, all but one are sold. Its time to make some more.



Treasurer's Report for November 2004, John Sundstrom N8YQD

The balance for all accounts (as of the Oct 21, 2004 Bank Statement) are:

Bank One checking 2,178.65

Bank One Savings 3,175.93

sub total 5,354.58

Grand Haven Community fund 1,307.66 (as of end of the second quarter, 2004)

total all accounts 11/1/2004 6,666.24

ACTIVITY SINCE 11/01:

Checking Deposits 150.00 From sales of TE Ne Ke's & donations at the Holland Ham Fest

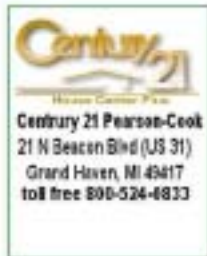
Income -

Final Balance 6,812.24

of the above balance, \$5,913 was from TE TE KE sales at Hamfest s and mail order over the last 5 years.

place your card here

Put your business card here



John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

Don Smith

1028 Franklin
Grand Haven, MI. 49417

n8hoo@ent.net
616-636-6363



3 years Dues Renewal Form. Single \$70, Family \$80 for 3 years. Please mail to Box 44 Ferrysburg, MI 49409

Name _____ Call _____

(make check out to the Grand Haven Community Foundation—you will receive a receipt for tax purposes from them)

Street 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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested



North Ottawa Amateur Radio Club

SPARK for December 2004

**You and your spouse are invited to the
NOARC Christmas Party at the Home of
Craig Cristilaw located on 15386 Oak
Point Drive, Spring Lake. See P 2 for**

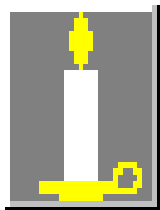
Directions.

**The Party is from 6-9 PM and is a pot-
luck supper format. Note this will be
the club meeting for December.**

Talk In will be on the 145.49.

Come join your fellow Hams & XYL's

For a gala evening!



HO HO HO



Have You joined the NOARC Discussion Group? To join, go to the Noarc Web Page

**Located at www.Qsl.net/noarc. Next look for the "join discussion group" button on the front
page. You will be moved to a Yahoo web page for actual signup.**

Page Topic

Table of Contents

1. Christmas Party Invitation.
2. upcoming events and Net Control Schedule
3. Lowell Hamfest Flyer
4. Club passes 3 year dues plan that invests funds in the Grand Haven Community Foundation and get you a tax refund besides.
Minutes of the November meeting.

Upcoming Events

December 7th : NOARC Christmas Party at home of Craig Cristilaw from 6-9 pm

December 18th : Lowell Hamfest Carpool from Pine Street at 6:30 AM.

January ?? : Technician Class Begins

**January 28th : Regular Club Meeting at White Pines Middle School. Program
To Be announced**

February 25th : Regular Club Meeting at White Pines Middle School

March 19th : Marshall Ham Fest . The Club Will have a table.

**Directions to Cristilaw Home: Drive east of Spring Lake on M-104. Just past
Lloyds Bayou go right on Krueger to 152. Go right on 152 to Oak Point Drive. Go
right on Oak Point Drive to 15386.**

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

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

NOTE: This information is also found on the NOARC Web site at www.qsl.net/noarc

December 7 N8HCS Don Smith

December 14 W8TML Tom Lau

December 21 KB8VEE Tom Vandermehl

December 28 N8LBG Woody Aldrich

January 4 KF8NS Dean Whitney

January 11 N8PFC Brad King

January 18 KC8UNY John Fisher

January 25 N8 ARY Andrew Young



ARGYL HAMFEST



Saturday – December 18, 2004
9:00 A.M. TO 1:00 P.M.

No Advance Ticket Sales
Admission At The Door Only:
Adults - \$5.00
Elementary, Middle School
& High School - Free

Free Parking

Round 5' Tables - \$5.00
Rectangular 8' Tables - \$8.00
For info or tables contact Al
Eckman – WW8WW – at 1-616-987-2966
or 1-616-897-7659, or e-mail
AEckman@lowell.k12.mi.us
or al.eckman@shcglobal.net

Refreshments Sold On Site

PRIZES



Starbucks Coffee
Hotdogs
Popcorn
Candy
Krispy Kremes
Soft Drinks

Set-up: Fri, Dec. 17th – 7 p.m. to 10 p.m.
and/or: Sat, Dec. 18th – 6 a.m. to 9 a.m.

PRIZES



"WHERE"

Lowell High School – 11700 Vergennes – Lowell, MI.
(See Map On Back)

Sponsored by the Amateur Radio Group of Youth in Lowell (A.R.G.Y.L.)

V.E. Exams At 10:00 A.M. – Reservations Not Necessary – Walk-ins Welcome
Talk-in: K8LHS: 146.620(-), PL 94.8 or W8LRC: 145.270(-), PL 94.8

Web Site: www.argyl.org

President	Dean Whitney, KF8NS	842-0976
Vice President:	Don Smith, N8HCS	846-1938
Treasurer:	John Sundstrom-N8yqd	847-0238
Secretary/SPARK editor:	Andrew Young N8ARY	844-4484
Activities Director	Craig Christilaw K8CRC	844-0464

NOARC Passes Special 3 year Dues package For just \$35 (well \$70 but you get \$35 back on your state Taxes)!

At the September meeting the club voted to once again offer a 3 year dues package to the members for the bargain price of \$70. This is possible because the club is doing well thanks to the TeNeKe sales at Hamfest (especially at Dayton) over the last 5 years. In addition the dues money is to be deposited in the Grand Haven Community Foundation Fund on behalf of the paying member, the member will receive a tax credit of half of the dues (or \$35) on their state income tax. Thus, you either pay \$35 less taxes or you receive a \$35 larger refund and you get 3 years dues paid for just \$35. The funds remain in the Community Foundation but the club can withdraw all the interest earnings from time to time if it needs operating money.



The Grand haven Community Foundation is the same organization that gave us a grant this year for \$708 to pay for the new Repeater Controller.

In order to take advantage of the tax credit you must pay your dues prior to December 25th. So, please send in your check to : GRAND HAVEN COMMUNITY Foundation/NOARC fund for \$70 to Box 44 Ferrysburg, MI 49409. Besides saving you money, your funds will remain in the NOARC fund and earn interest that can be withdrawn in the future to pay for a needed project such as a new repeater. You may also send your check directly to the Grand haven Community Foundation, 1 south Harbor, Grand haven, MI 49417 directly. If you do , please send the treasurer an e-mail or note so I can properly credit your dues account.

Minutes of the November 18 , 2004 Meeting of NOARC

1. About 20 people attended the meeting which was held at the Grand Haven Police & Fire station.
2. Don Smith, Vice President, conducted the meeting.
3. Election of officers for the year 2005: President Tom Fisher, Vice President Don Smith, Treasurer John Sundstrom, Secretary Tom Lau & Activities Director Craig Christilaw.
4. 2004 Field Day report. Noarc placed 4th in the state and 66th overall out of 1330 entries with 3,820 points in class 3A.
5. Don Smith is looking for help in setting up the Tech class this winter. Roger Simmons volunteered to help with promotion.
6. The December Christmas Party will once again be held on 12/7 at the home of Craig Christilaw.
7. Don Smith gave a report on the interference of the 145.49 repeater. Hank Reikels is trying several "fixes" to remove the problem. The latest attempt is to put up a new antenna for the 2.4 gigahertz data service that is co-located at the site of the repeater on Water Tower Hill.
8. John Sundstrom made a plea for hams to use & monitor the 443.775 70 cm repeater (W8GVK) . With the IRLP feature associated with this repeater, hams will be calling from southern areas of the country looking for contacts. Also, this repeater is not affected by the interference that affecting the 145.49 .

Treasurer's Report for November 2004, John Sundstrom N8YQD

The balance for all accounts (as of the Oct 21, 2004 Bank Statement) are:

Bank One checking 2,178.65

Bank One Savings 3,175.93

sub total 5,354.58

Grand Haven Community fund 1,307.66 (as of end of the second quarter, 2004)

total all accounts 11/1/2004 6,666.24

ACTIVITY SINCE 11/01:

Checking Deposits 150.00 From sales of TE Ne Ke's & donations at the Holland Ham Fest

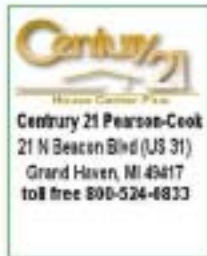
Income -

Final Balance 6,812.24

of the above balance, \$5,913 was from TE TE KE sales at Hamfest s and mail order over the last 5 years.

place your card here

Put your business card here



John Sundstrom



Office 616-850-2100
cell 616-638-4166
fax 616-846-7151
sundstrj@gvsu.edu

Don Smith

1028 Franklin
Grand Haven, MI. 49417

n8hoo@ent.net
616-636-6363



3 years Dues Renewal Form. Single \$70, Family \$80 for 3 years. Please mail to Box 44 Ferrysburg, MI 49409

Name _____ Call _____

(make check out to the Grand Haven Community Foundation—you will receive a receipt for tax purposes from them)

Street 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 Instructions:

* 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 \$ 35.00 individual and \$ 45.00 family. Please send dues to NOARC Box 44, Ferrysburg, MI 49409. Please keep the club Treasurer (sundstrj@gvsu.edu) informed as to your CURRENT e-mail address if you get the newsletter electronically or US mail address if receive it postal.

North Ottawa Amateur Radio Club

Box 44

Ferrysburg, MI 49409

Postmaster: Return Requested