

FEEDLINE

MAY 2011

Field Day 2011 Information

Newly Licensed Hams

and more

Details Inside...

The **FEEDLINE** is the official journal of the *Forx Amateur Radio Club, Inc.*, PO Box 14773, Grand Forks, ND 58208-4773. The Forx ARC is incorporated in the State of North Dakota and is a non-profit organization as defined in section 501(c)(3) of the Internal Revenue Code.

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Articles are solicited for publication. Content must be geared towards amateur radio or advancement of the communications art. Articles that will not be published are those of a personal nature or that constitute an attack against an individual. The editor reserves the right to revise all material for space consideration

MEETING MINUTES

April 26, 2011

The meeting was called to order by Karen N0TKP at 7:31 PM. There were 14 members and one guest present.

Secretary's Report - The minutes from March 2011 were distributed by Jeff KD0BTT and were approved.

Treasurer's Report - From Truman KD0MTD was accepted.

ARES/EC - Gerry N0NGW said That SKYWARN trainings were held and there was a good turnout. Jeff KD0BTT said that he and Tony KD0MJW will be going to EOC in Crookston to check on radios. Jamie N0JFD said he has not been able to connect to super-link for over a year. Gerry N0NGW will call Norm KC0SD to see what is going on with the repeater.

Activity's Report - No report

VE Report - Rod KE0A reported that we had a test session at NWS.

Repeaters - No report.

Old Business

A. Hamfest - Motion by Rod KE0A, seconded by Jerry KC0GWK for \$275.00 for a Hamfest budget.



B. Nominating Committee - Rod KE0A said that the nominations are finalized. Nominations and election will be at the next meeting.

New Business

A. Field Day Committee - The Field Day Committee will be Rod KE0A, Nancy K9DIG, Jim KC0XW, and Charlie KI0LS

B. Truman KD0MTD is updating the insurance information with Vaaler and has filed the yearly nonprofit report.

The next club meeting will be May 31, 2011 at 7:30 PM

The meeting was adjourned at 7:50 PM

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**GRAND FORKS
MONDAY
NIGHT
NET
9:00 PM
146.940(-)**

DATES OF INTEREST

FORX AMATEUR RADIO
CLUB MEETINGS

May 2011

31 Club Meeting

Last Tuesday
Every Month
7:30 PM

June 2011

4 10-10 Open
Season – Digital
11 ARRL June VHF
QSO Party
18 Kid’s Day -
Phone
25-26 Field Day
28 Club Meeting

Basement of
Altru Hospital
Meeting Room E
(next to cafeteria)

[Please note that operation of
radios and cellular phones
anywhere within Altru Hospital
is prohibited]

July 2011

9 IARU HF World
Championship
9 Brainerd, MN
Hamfest
8-10 Peace Garden
Hamfest
26 Club Meeting

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August 2011

20 Fargo Hamfest
30 Club Meeting

Special Notice:
Every three months of the year
names of all those who have
checked into the net each
Monday night during that time
are put in a lottery and one name
is drawn to receive an ARRL Gift
Certificate. The more Mondays
you check in the better your odds
are to get selected.

September 2011

27 Club Meeting

October 2011

25 Club Meeting

FIELD DAY
JUNE 25-26, 2011

LOCATION:

Nancy K9DIG

QTH

1079 Harvest Lane NE

Thompson, ND

Talk-In:

146.940 (-)

**THE ARRL FIELD DAY LOCATOR SERVICE SHOWS A
MAP OF THE LOCATION**

<http://www.arrl.org/field-day-locator>

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VE Test Session Held

April 2011

**The following passed their
Technician Exam:**

**David Masterson KDØOMH
Spencer Carmichael KDØOMI
Edwin Schulz KDØOMJ**

Congratulations to all!

**Tell Your Ham Radio
Stories on
HamRadioStoryProject.Com
m
By Dan Romanchik,
KB6NU**

For a long time, I've had the idea to set up a website to capture ham radio stories. Well, I've finally done it. The Ham Radio Story Project (<http://www.hamradiostoryproject.com>) is now online!

This website was inspired by the Story Corps (<http://storycorps.org/>), which was itself inspired by NPR's National Story Project (<http://www.npr.org/programs/watc/features/1999/991002.storyproject.html>). The tagline for the site is "capturing the human spirit of amateur radio," and my motivation for setting up the site is to capture personal stories of how amateur radio has touched lives, either the lives of amateur radio operators themselves, or of the people that we serve.

The site has only been online a month, and I already have several good stories. I reposted my story about checking the QSLs of a county hunter, and there are also stories about an international friendship that survived WW II and a story about how an Elmer touched the life of his student. These are exactly the type of stories I want to collect.

If you have a great story about ham radio, I want to hear about it and to publish it on HamRadioStoryProject.Com. If you want to tell the story yourself, let me know, and I'll set up an account for you on the site. If you would like some help, let me know, and I'll contact you and either write the story myself, or find someone else to help you.

I don't want to lose another great story because there isn't a place to tell it. HamRadioStoryProject.Com is the place to tell it.

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When he's not setting up yet another ham radio website, you'll find KB6NU teaching classes; working on WA2HOM, the ham radio station at Ann Arbor's Hands-On Museum (www.wa2hom.org), or operating CW on the HF bands. You'll find his blog at www.kb6nu.com, or you can e-mail him at cwgeek@kb6nu.com.

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Rod KE0A recently took First Place in North Dakota, Single Op, High Power, CW, ARRL International DX Contest.

Congratulations Rod!

Welcome to the North Dakota ARRL Section News for April 2011.

Field Day will be here before we know it and it is time to get those antenna's ready for the big weekend on June 25th and 26th, 2011. We have lost a couple active hams in North Dakota in April. Dean Simmons, N0RDD who was always at the Peace Garden Hamfest helping out and installing those Public Address Speakers. Also, Harlan Braathen, KB0INN from Minot who checked in regularly on the WX net. We will miss them both! The North Dakota QSO Party results are being tabulated and it is looking like we will be having a new winner for North Dakota! Stay tuned... Go to www.w0nd.com to see the results after May 15th.

**** Upcoming Events ****

- June 25 & 26th, 2011 is ARRL Field Day - We will presenting the "TOP GUN AWARD" again this year for the club who has the most points for Field Day. Get your club together and compete!

- July 8th -10th, 2011 is the Annual Hamfest at the International Peace Gardens. This is one of our annual campouts with a lot of socializing and a well supported flea market.

**** March Net Report ****

THANKS TO NCS OPS AND
VOLUNTEERS AS WE

COMPLETED OUR WINTER
SEASON OF TWO NETS DAILY
ON THE WX NET. Dave-
ND0CW

The ND WX Road Net on 75 Meters- 3.935 MHz, 8:30 AM CST, Monday thru Saturday reported 49 Sessions, 1044 Check-ins & 11 Messages passed, and the DatNet on 75 Meters- 3.937 MHz, 5:00 PM CST, daily reported 31 Sessions, 699 Check-ins & 15 Messages passed. Thanks to net control ops for March - K0TLW, W0OSP, W0FC, K0HDA, W0HS, W0TF, KR0W, KD0YX, ND0B, KOMAD, and ND0CW.

MAKE SURE YOU CHECK THE
NORTH DAKOTA SECTION
NEWS FOR THE LATEST
NORTH DAKOTA ACTIVITES
AT www.arrl.org. If you have any special announcements, feel free to email me w0nd@arrl.org. Check www.w0nd.com for the latest list of ND stations and activities. Until next month...

73's Lynn - W0ND

ARRL North Dakota Section
Section Manager: Mr Lynn A
Nelson, W0ND
w0nd@arrl.org

NEW TO ARES?

Here are some basic sources of good ARES information:

The ARRL Public Service Communications Manual <<http://www.arrl.org/public-service-communications-manual>> (PSCM) is the bible for ARES and NTS operators.

For field operators, check out the ARES Field Resources Manual <http://www.arrl.org/files/file/ARE_SFieldResourcesManual.pdf>. It is a quick trainer and field resource guide for the emergency communicator.

Find local ARES activity and organizations in your area here <<http://www.arrl.org/sections>>.

The ARES E-Letter
Published by the American Radio
Relay League
April 20, 2011

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FOR SALE

Cushcraft A3S TriBand Beam.

3-element
for 20, 15 & 10 meters

8 dB gain

2000 watt capacity

Tuned to SSB band ranges

New: 2005.

Current New Price: \$ 599.

Selling Price: \$325. or offer

Contact:

K0VDP John Jarman

701-746-9781

or

218-779-4520

John T. Jarman, LPCC
1015 Reeves Drive
Grand Forks, ND 58201

FIND AN ARRL FIELD DAY STATION NEAR YOU

First introduced in 2008, the ARRL's Field Day Station Locator Service <<http://www.arrl.org/field-day-locator>> has proved a popular addition to the Field Day toolbox. This service -- an interactive map that helps amateurs or those interested in Amateur Radio find a Field Day <<http://www.arrl.org/field-day>> site near them -- is free to clubs or individuals who will be operating public Field Day stations. Stations can also be listed by state or province. So far, hams in all 50 states and Puerto Rico have listed Field Day sites on the Field Day Locator. If your group would like to be a part of the Station Locator Service, it's easy to get started -- just go to the Field Day Station Locator website <<http://www.arrl.org/field-day-locator>> and follow the instructions. ARRL Field Day is the most popular on-the-air operating event in Amateur Radio. On June 25-26, join tens of thousands of Amateur Radio operators as they gather for a public demonstration of the Amateur Radio Service.

The ARRL Letter
Published by the American Radio
Relay League
April 21, 2011

AMATEUR RADIO IN SPACE: CELEBRATING 50 YEARS OF OSCAR I AND AMATEUR RADIO SATELLITES

By ARRL News Editor S. Khrystyne Keane, K1SFA

1961. It was the middle of the Cold War. John F. Kennedy is inaugurated as the 35th President of the United States. The Bay of Pigs invasion fails in Cuba. The Beatles perform for the first time at the Cavern Club in Liverpool. Freedom Riders are arrested in Jackson, Mississippi for "disturbing the peace" after disembarking from their bus. Construction of the Berlin Wall begins. Roger Maris of the New York Yankees hits his 61st home run in the last game of the season, beating the 34 year old record held by Babe Ruth. Barbie gets a boyfriend when Mattel introduces the Ken doll.

Just four years earlier, the Soviet Union had launched Sputnik I, the first human-made object to orbit the Earth, ushering in the Space Age. For the next 30 years, the Cold War rivalry between the US and the former Soviet Union focused on attaining firsts in space exploration. These were seen as necessary for national security and symbolic of technological and ideological superiority. The "space race" involved pioneering efforts to

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launch artificial satellites, sub-orbital and orbital human spaceflight around the Earth, as well as piloted voyages to the Moon.

1961. Mercury-Redstone 2 launches into space carrying Ham the Chimp. Soviet cosmonaut Yuri Gagarin becomes the first human in space. Alan Shepard becomes the first American in space aboard Mercury-Redstone 3. Gus Grissom, piloting the Mercury-Redstone 4 capsule Liberty Bell 7, becomes the second American to go into space. OSCAR I – Orbiting Satellite Carrying Amateur Radio -- the very first Amateur Radio satellite, is launched into space.

Barely four months after the successful launch of Sputnik I, the United States launches the unmanned Explorer I on January 31, 1958. At about that same time, a group of hams on the West Coast – Lance Ginner, K6GSJ; Chuck Smallhouse, W6MGZ; Ed Beck, K6ZX; Al Diem; Chuck Townes, K6LFH (SK), and Nick Marshall, W6OLO (SK) -- begin toying with the idea of launching an Amateur Radio satellite into orbit and organized themselves into Project OSCAR. After a series of high level exchanges among Project OSCAR members, the ARRL and the US Air Force, a launch opportunity on a Thor DM-21 Agena-B rocket from Vandenberg Air Force Base in California was

secured for the very first Amateur Radio satellite: OSCAR I. It was successfully launched into a low Earth orbit on the morning of December 12, 1961 -- four years after the launch of Sputnik I. The satellite was also the world's first non-government bird.

Fifty years -- 1961 to 2011 -- is a long time -- and an important milestone, thought ARRL Lab Test Engineer Bob Allison, WB1GCM. And then he had a lightbulb moment: Why not take the back-up OSCAR I on display at ARRL Headquarters and make it work again? So W1AW Station Manager Joe Carcia, NJ1Q and Allison began tinkering with the satellite, one of three made by Project OSCAR. One of the satellites went up into space in 1961, one is on display at the Smithsonian Air and Space Museum in Washington, DC and the other was until recently sitting in a display case on the first floor of the HQ building in Newington.

After much trial and error, Carcia finally got OSCAR I to transmit a signal on 145 MHz, just as the original satellite did. "Since specific technical literature on the satellite was unavailable, information taken from 1962 QST and CQ articles assisted in the reconstruction of the transmitter in the ARRL unit," Carcia explained. "Much care was given to salvage

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the original components, although time had taken its toll on most of the circuitry. As such, although the transmitter functions, the actual keying of the transmitter is performed using a PIC beacon keyer. Power is supplied using a standard wall-cube providing 12 V dc."

In honor of OSCAR I's 50th anniversary, the rebuilt satellite will be on display at the ARRL EXPO area at the Dayton Hamvention, May 20-22 at Hara Arena in Trotwood, Ohio. "We have hooked OSCAR I up to a dummy load running very low power, and as you walk by, you will hear it transmit "HI HI," just as it did 50 years ago," Allison said. Since the transmission does not identify, you won't be able to pick it up on your handheld transceiver while at Hara. Read more here <<http://www.arrl.org/news/oscar-i-and-amateur-radio-satellites-celebrating-50-years>>.

The ARRL Letter
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May 12, 2011

SPACE WEATHER PREDICTION CENTER TO DISCONTINUE BROADCASTS ON WWV AND WWVH

Beginning Tuesday, September 6, the Space Weather Prediction Center (SWPC <<http://www.swpc.noaa.gov/index.html>>) will cease broadcasting its geophysical alert message <<http://www.swpc.noaa.gov/Data/index.html#reports>> on WWV <<http://www.nist.gov/pml/div688/grp40/www.cfm>> and WWVH <<http://tf.nist.gov/stations/wwwvh.htm>>. These messages inform listeners of the solar flux, the mid-latitude A and K indices and space weather storms, both current and predicted. Currently, the message is heard on minute 18 from WWV and minute 45 from WWVH. The information <<http://www.swpc.noaa.gov/ftpdir/latest/wwv.txt>> will still be available on the SWPC website. If you care to comment on this, or if you have any questions, the SPWC -- part of the National Weather Service (NWS <<http://www.nws.noaa.gov/>>) -- would like to hear from you <swpc.wwv@noaa.gov>.

The ARRL Letter
Published by the American Radio
Relay League
April 28, 2011

www.wa0jxt.org

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TRIVIA

The following trivia question is taken from *THE ARRL HANDBOOK 2006*. The answer will be published in the next issue of the *FEEDLINE*.

WHAT IS ASCII?

March's trivia question was:

WHICH OF THE FOLLOWING
TMDA, FMDA, AND CMDA
IS THE OLDEST FORM OF FREQUENCY ACCESS?

And the answer is:

FMDA (Frequency Division Multiple Access)

This may be found on page 9.4 of *The ARRL Handbook 2006*