

Air Scoop

Newsletter of the Delta County Amateur Radio Society

www.dcars.org

September 2009

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Meetings

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DCARS on Display



The DCARS Telegraph Office was open for display during both the U.P. State Fair and the U.P. Steam & Gas Labor Show.

Visitors got a chance to see a working display of 1840's technology verses modern day transceivers.

(Above) Mike – KD8DKA demonstrates the differences between a hand key and a Vibroplex.

(Below) Rich – N8OYR, Walt – K8WLT and Jim W8JNL chat with visitors.

Photo's Submitted by Les – WA8LE



Minutes from the August meeting



President

W8JRT

Joe Thompson
w8jrt@dcars.org



Vice President

KD8HOR

Justin Poquette
kd8hor@dcars.org



Secretary

N8DP

Dave Palmgren
n8dp@dcars.org



Treasurer

K8WLT

Walt Aho
k8wlt@dcars.org



Hamfest Chairman

WD8RTH

John Anderson
wd8rth@dcars.org

The August meeting of DCARS began at 7:10 p.m. In attendance were W8JRT, N8DP, KD8HOR, K8WLT, WD8RTH, KC8NUR, KD8DVN, W8JNL, WA8LE, K8EMS, KA9KEU, K8AO, KD8KKN, KD8KKQ, K8GMW, N8OYR, N1PWW, KA8RPB & XYL

Correspondence - None

Treasurer's report – Motion to accept by WA8LE, Second by N8OYR - Passed.

Secretary's report – a typographical error was pointed out on Mark's – N8XAH retirement announcement. Motion to accept the report by N8OYR, Second by WA8LE – Passed

Old Business – Hamfest report was given by John - WD8RTH. Thanks John for another F.B. job!

Tony – KC8NUR reminded the club that the propane gas line at the club house needs to be replaced. John – WD8RTH to check to see if he has one. Walt - K8WLT to follow up.

New Business

Les recommended that shelves be built in place of some of the display cases at the clubhouse. Issue tabled for now.

Justin – KD8HOR requested reimbursement for pop purchase - Passed

Pat – KD8KKN announced plans to restart the Delta County 2 meter net. Plan on checking in on Wednesday nights – 7PM

A signup sheet for manning the clubhouse during the Fair and the Steam & Gas show on Labor day was passed around.

A motion to adjourn made by W8JNL with a Second by K8WLT - Passed.

The 50/50 raffle was won by N8DP

The August program was a Powerpoint presentation of Mark's - KD8DVN observations of a VHF DXpedition to Keweenaw County and discussion about Grid squares. Followed by John's – WD8RTH demonstration of Google Earth overlays showing FCC registered towers and the IRLP system

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Do Not Read! These are the answers to the Ham Quiz on Page 5

Go there first!

- 1) c -- This is the SSTV calling frequency.
- 2) c -- The county hunters pursue the USA-CA Award.
- 3) b -- Dust off that brass and pound away before heading out to that midnight gala.
- 4) a -- Who said chivalry was dead?
- 5) d -- Tune up to 29.600 -- the FM simplex calling frequency -- or try some of the repeaters between 29.5 and 29.7 MHz.
- 6) a -- Single Sideband-Suppressed Carrier is the name of the primary analog HF voice mode.
- 7) c -- This organization supports a worldwide beacon network on 20 through 10 meters - very handy! See their Web site for details and schedules.
- 8) a -- 30 meters is a refuge for the CW and digital operator, although still a secondary allocation to amateurs.
- 9) a -- 60 meters consists of five fixed-frequency channels where only USB voice is permitted.
- 10) Repeater outputs on 147.00 MHz comply with both -600 kHz and +600 kHz offset planning.

Happenings in Amateur Radio

"When News Breaks – We Fix It!"

E.L.F. CLAIMS TO HAVE TOPPELED TWO RADIO TOWERS

A radical group calling itself the Earth Liberation Front is claiming responsibility for toppling two radio station towers in Snohomish County Washington early Friday morning, September 4th. The towers, owned by station KRKO were felled using a stolen machine called an excavator. A sign left at the scene said the Earth Liberation Front was responsible.

The two towers have been at the center of controversy for several years. There are four towers currently at the location and there have been plans to build two more.

Opponents of the expansion claim that radio waves can harm people and wildlife. More recently, nearby residents said that signals interfering with home phone and intercom lines have increased since KRKO recently boosted its broadcasting power.

The station is still broadcasting on a backup transmitter and antenna. It says that it is going to offer a reward for information leading to the arrest and conviction of those responsible for this criminal act.

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FASTER THAN A SPEEDING PIGEON

In South Africa, an information technology company proved that it was faster for them to transmit data with a carrier pigeon than to send it using Telkom, the country's leading Internet service provider. Internet speed and connectivity in Africa's largest economy are poor due to a shortage of bandwidth and its high cost.

Local news agency SAPA reported that on September 9, an 11 month old pigeon named Winston took 68 minutes to fly the 50 miles from Unlimited IT's offices near Pietermaritzburg to the coastal city of Durban with a data card strapped to his leg. Including downloading, the transfer took two hours, six minutes and 57 seconds - the time it took for

only four percent of the data to be transferred using a Telkom line.

SAPA said Unlimited IT performed the stunt after becoming frustrated with slow internet transmission times. The company has 11 call centers around the country and regularly sends data to its other branches. Internet speed is expected to improve once a new 11,000 mile underwater fiber optic cable linking southern and East Africa to other networks becomes operational before South Africa hosts the soccer World Cup next year.

Submitted by John – WD8RTH
From The ARRL Letter

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NEW AMATEUR RADIO SATELLITE TO BE LAUNCHED

By the time you read this, South Africa's SumbandilaSat should have been launched from the Baikonur launch site in Kazakhstan. The satellite had traveled well and that all systems performed according to specification during the testing phase said South Africa AMSAT rep. Johan Erasmus.

"We've been busy since our arrival here, first to check out the satellite to make sure that it survived the journey fine. We have been checking the test results with the ones

that we made before shipping and they all checked out fine. So we didn't have any unexpected problems with the satellite itself."

The satellite will carry a FM voice repeater with a 2 meter uplink and 70 cm downlink, as well as a "parrot repeater" which acts like a voice digipeater and a voice beacon.

Additional information can be found at
www.amsatsa.org.za

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Airscoop

The Airscoop is the official newsletter of the Delta County Amateur Radio Society

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Submit articles to:

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Dave Palmgren – N8DP
(906) 428 - 2271
n8dp@dcars.org

Please notify the Newsletter Editor of any address changes.

Visit our Website

WWW.DCARS.ORG

Webmaster

Joe Thompson W8JRT
w8jrt@dcars.org

Area 2 Meter Repeaters

Escanaba	147.15 +	100.0
	145.13 -	No PL
Gladstone	147.24 +	100.0
IRLP 4013	147.55 Smpx	100.0
Cooks	146.70 -	No PL
Grd Marais	147.195+	No PL
Gwinn	146.64 -	100.0
Iron Mtn	146.85 -	No PL
Iron River	145.17 -	107.2
Ishpeming	146.91 -	No PL
Marquette	146.97 -	100.0
	147.27 +	100.0
Menominee	147.00 +	107.2
Munising	145.41 -	No PL
Newberry	146.61 +	127.3
	147.09 +	114.8
Republic	147.09 +	No PL
Trenary	147.03 +	No PL
Wetmore	146.79 -	No PL

Wisconsin Repeaters

Abrams	146.835 -	107.2
Crivitz	145.47 -	107.2
Egg Harbor	146.73 -	107.2
McAllister	146.88 -	136.5
Green Bay	147.12 +	107.2
	147.27 +	107.2
	146.685 -	107.2
	145.49 -	100.0
Sister Bay	147.18 +	107.2
Sturgeon Bay	147.21 +	107.2

Club History

Our organization began with a group of local hams getting together in 1964 for the purpose of hosting a U.P. Hamfest.

They called themselves the "Bay de Noc Radio Club" This first local Hamfest became a reality in 1965.

On September 1, 1970 the group met once again at the Northern Michigan National Bank to create a more formal club. The name chosen was the "Delta County Amateur Radio Society".

Arrl affiliation was applied for and the club received its charter on February 15th 1971.

Please address all correspondence to:
DCARS

Dave Palmgren
6132 Co 420 - 21st Road
Gladstone, Mi 49837



DCARS is an
ARRL Affiliated Club

Area Nets

UP Net 3921khz
Daily - 5pm EST
Sunday - Noon EST

Everynight 160 Net
1895 khz - Nightly
2400UTC

Midcars 7258khz
Daily 7:30am - 2pm EST

Southcars Node 9614
Saturday - 9am EST

UP Echolink Node 9614
Sunday - 8pm EST

Local News (and other stuff)

It looks like I will have to dedicate a column to correct mistakes made in the previous newsletter. Last month I apologized for neglecting to give credit for those submitting Field Day photos used in the Newsletter then I used 14 of Les's (WA8LE) photos of the Hamfest and failed once again to give him credit.

Thanks Les!

I also had a typo last month when congratulating Mark - N8XAH on his recent retirement from the Escanaba Public Safety. Sorry Mark and once again congratulations!

In the September issue of QST, I had my first "Hints and Kinks submission published. I have since have had a couple more accepted and they should be in print in the near future.
Dave - N8DP

A tower raising party was held recently and my Rohn 55 is now topped out at 95'. Using a garden tractor, pulley and gin pole, the job went well. In the photo to the right, Howard - W8HSJ and myself install the next to last section.

The ground crew consisted of (L - R)

Duane - K8AO

Jim - W8JNL

Lowell - KA8RPB

Walt - K8WLT

and taking the photo's Les - WA8LE



Photo's Submitted by Les - WA8LE

Thanks for the help guys!



Ham Quiz

- 1) A warbling signal around 14.230 MHz is probably...
 - a. RTTY
 - b. AMTOR
 - c. SSTV
 - d. HF Fax

- 2) A station calling "CQ CHN" is looking for what?
 - a. Chinese hams
 - b. Canadian Ham Night participants
 - c. County Hunters Net members
 - d. CNN field reporters on the shared 30 meter band

- 3) What operating event takes place on New Year's Eve?
 - a. Rag Chew Night
 - b. Straight Key Night
 - c. Hootowl Sprint
 - d. Moonlight Ramble

- 4) The All Asian contests permit YLs to send part of their exchange as "00". What does this represent?
 - a. Age
 - b. Serial number
 - c. Zone
 - d. Marital status

- 5) On which HF band would you find FM signals?
 - a. 75 meters
 - b. 30 meters
 - c. 12 meters
 - d. 10 meters

- 6) Which of these is *not* a digital mode?
 - a. SSB-SC
 - b. Olivia
 - c. PSK31
 - d. THROB

- 7) You hear a signal ID in CW on 14.100 MHz followed by tones that slowly get weaker, and then a different ID is transmitted followed by tones. What are you hearing?
 - a. An antenna test competition
 - b. WWV
 - c. Northern California DX Foundation beacons
 - d. 20 meter ionospheric sounders

- 8) What is the only amateur band on which phone transmissions are not allowed?
 - a. 30 meters
 - b. 17 meters
 - c. 12 meters
 - d. 902 MHz

- 9) What is the only amateur band on which CW transmissions are not allowed?
 - a. 60 meters
 - b. 12 meters
 - c. 902 MHz
 - d. 10.7 GHz

- 10) Which 2 meter repeater output frequency can the input be offset either +600 kHz or -600 kHz?

V. E. Testing

Gladstone

October 10th
10 am EST
Gladstone City Hall
Howard St. John W8HSJ
(906) 428-9476
w8hsj@dcars.org

Marquette

December 12th
8:30 am EST
Marquette Co. Health Dept.
U.S.41
Rich Schwenke N8GBA
(906) 249-3837
n8gba@chartermi.net

Kingsford

Nov 7th
9 am CST
Dickenson County Library
Mark Lewis N8UKD

Bring a **photo ID** if available otherwise two forms of identification will be required.

Test session fees are **\$15**. Please bring exact amount or a check.

Bring your actual license or C.S.C.E. and a **photocopy** to be sent in for element credit

Upcoming Events

Christmas in the Village
December 4th & 5th

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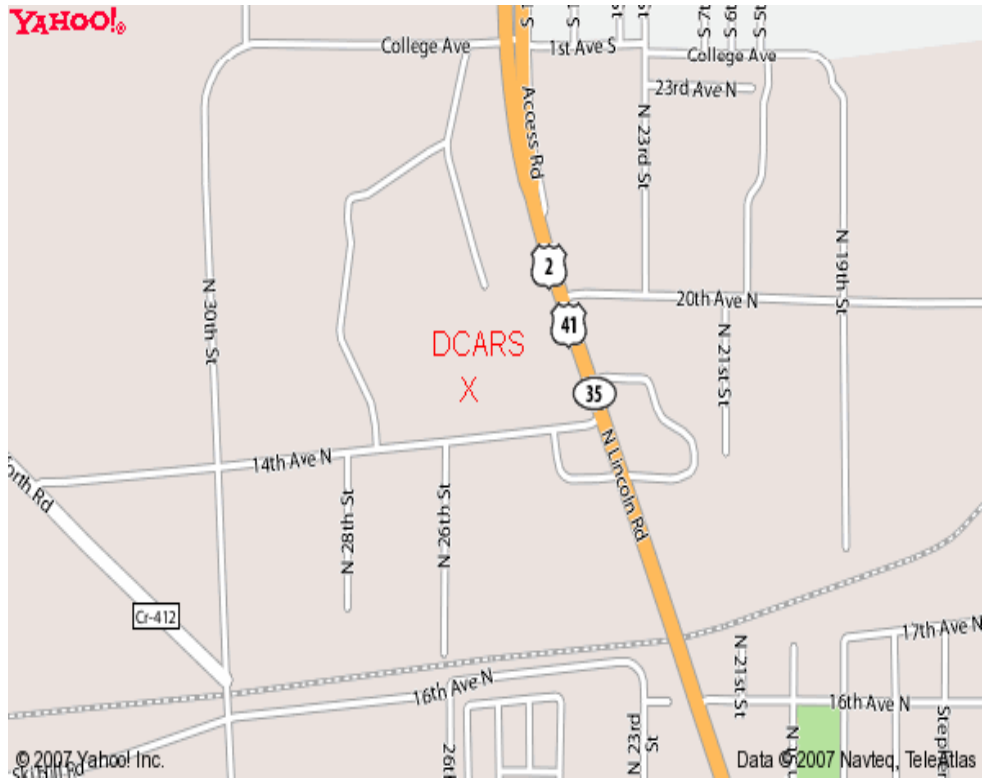
Meetings

The Delta County Amateur Radio Society meets at 7 p.m. on the third Monday of each month. The meeting is held in the Joseph Heirman University Center, Room 962 at Bay de Noc College.

Annual Membership Dues are \$15

Project Night

Project night are held at 6 pm on Mondays at the Telegraph Office (except club meeting nights)



From US – 2 & 41
Turn West on to Danforth Road,
Travel one block and turn right into Lot D

fold

Delta County Amateur Radio Society
c/o Dave Palmgren
6132 County 420 – 21st Road
Gladstone, Mi.
49837

Stamp

Label