



May Newsletter

Volume 08, Issue 5

May 4, 2008



WOSV

*St. Cloud Amateur Radio Club
Celebrating 90 years on the airwaves*

Message from the Prez—The Prez Sez ...

Nets are a great way to get on the air. And great practice in listening.

Our local nets are easy to get involved in. The Newcomers Net meets Monday at 8:00 PM on the 147.105+ repeater.

It's not a traffic net, just a way to practice getting on the air and

ask questions about just about anything.

A new net on the bands is the MN Digital Net for PSK31. It meets Wednesday at 7:00 PM on 3.585 KHz USB. Ben, KOBLR, is net control.

There are many different nets: Traffic. Emergency. Religious. Worked All States.

And just for fun. Check out the list of nets on the ARRL website.

<http://www.arrl.org/FandES/field/nets/client/Sresults1.html>

73
Scott - nOuv

**May 15th, 7:00 p.m. —
General Meeting &
Auction!**

Dates to Remember:

May:

May General Mtg w/Auction	15th
June General Mtg Field Day	19th 28th & 29th
July Board Mtg July General Mtg	10th 17th
August Picnic August General	9th 21st
Sept General Mtg	18th
Oct Board Mtg Oct General Mtg	9th 16th
Jamboree on the Air (JOTA)	19th
Nov Annual Mtg w/Auction	21st
Dec General Mtg	18th

April Board Meeting Minutes

Meeting was called to order on April 10th at 7:08 p.m.

The January Board meeting minutes were accepted as printed in the February newsletter.

The Treasurer's report was as follows:

Checking	5,330.16
Savings	1,322.69
Rest. Savings	687.58
CD	<u>1,018.46</u>

Total Balance of \$8,358.89

Treasurer's report was approved.

Repeater work to be com-

pleted includes antenna work at the Cold Spring site and the parts will be installed soon to get the 94 auto-patch operational again.

Important dates coming up include the auction at the May 15th general club meeting, Dayton May 16-18 and Field day June 28th and 29th. Volunteer radio operators will be needed for the Tour of Saints bike ride event and potentially the Granite City triathlon which is the same weekend.

Discussion about replacing the shed took place with the hope that we can build a shed

for \$2000 or less to replace the existing shed at the clubhouse.

Documents for Taxes for the club have been filed to maintain non-profit status.

An oscilloscope, repeater cabinet, one of the towers at the clubhouse and potentially some other items from the clubhouse will be auctioned at the May meeting. Estate items will be sold on consignment at the auction in May, club will receive 10%. A Blue Racer Vibroplex key is one of the items.

Announcements:

- Join the Clubs' Email Reflector
See Page 2
- Google Earth's Ionosphere
See Page 3
- Join the Clubs' E-mail Address List
See Page 4

April General Meeting Minutes

Meeting was called to order on April 17th at 7:00 p.m. 22 members present.

The March meeting minutes were accepted as printed in the April newsletter.

The Treasurer's report was as follows:

Checking	5,330.16
Savings	1,322.69
Rest. Savings	687.58
CD	<u>1,018.46</u>

Total Balance of \$8,358.89

Stearns County Emergency Services donated \$300.00 to the club for Repeater repairs. Reminder that \$20 annual dues are being collected from all members. Treasurer's Report was accepted.

Equipment from an estate will be auctioned at the May general meeting, for this consignment the club will receive 10% of the selling price of the items.

Other items from the clubhouse will be auctioned—including a tower.

Members are encouraged to bring items to sell at the auction as a donation to the club or on consignment.

In regards to repeaters, two antennas will need to be installed at the Cold Spring tower site. April 16th at 9:00 am at the clubhouse was the tentative date set to climb 35 feet to complete the work.

Skywarn classes will take place on April 23/26th for weather spotting.

**Please submit
\$20 dues to Jerry,
KCOWCF, our club
Treasurer**

A decision has been made to build a 10' X 12' shed at the clubhouse to replace the deteriorating undersized shed currently in place. A wooden

shed kit is available at

Menards for approximately \$1000.00. It was voted on and approved to move forward with shed construction. Date for construction to be determined.

In reviewing upcoming dates, it was noted that there will be an auction at the May 15th meeting, donated items are welcome. June 19th is the general meeting and June 28th/29th

**Members approved
a storage shed to
be built at the
clubhouse.**

will be field day, held at the clubhouse this year, volunteers are being sought to help organize the event and/or take care of the food.

Technician level test preparation classes will begin May 4th, from 1:00 to 3:00 at the clubhouse for 3 weeks in a row. Plans are being made to begin offering a 1 day class followed by a test session in the late afternoon, students will have to have read the study guide prior to the class—this may begin in September.

Chad Hofmann, KCOYCF won the World Radio Subscription and the \$5 prize would have gone to Larry Theis, NODSO if he had been present.

Meeting was adjourned at 7:35.

Following the meeting a PSK demonstration was done for club members by Scott, NOUV.

Respectfully submitted by Mike Parker, KCOUEA.

**An Auction will
follow the May
meeting—bring
items to donate!**

Stay in touch! Join the club's e-mail Reflector:

1. From your email account that you would like to send and receive Radio club emails at, send an email to: scarcmn-subscribe@yahoogroups.com In the body of the email include your name and ham call sign.
2. Then check your email for a new email, almost immediately there will be an email which will tell you to reply to that email to confirm your request to join, reply to the email. This will alert Brad and Mike of your request to join.
3. Once Brad or Mike checks their email next they will see your request to join and will submit their approval for you to join.
4. You will receive a confirmation email indicating that you were approved and that you have joined the Yahoo Group/ the Clubs' E-mail Reflector. You will then receive messages sent to the email reflector by other members. To send a message to all members on the email reflector send your message in an email to: scarcmn@yahoogroups.com

April Board Meeting Minutes—Continued

Some discussion took place in regards to contesting. Operating HF from Split Rock Light house in 2010 for the 100 year anniversary of the light house is being organized. Also some participated in the CQ worldwide phone contest last year and will do that again this year.

The board decided to purchase a Drake antenna tuner from the estate items to allow the second operating station at the clubhouse to be operational.

A couple of housekeeping items were mentioned; it was discussed that the club should look into marking with inventory numbers the more expensive items at the clubhouse and also double checking the key inventory for the clubhouse to track who has which key numbers to keep the list up to date.

Meeting was adjourned at 8:08.

Respectfully submitted by Mike Parker, KCOUEA.

Google Earth's Ionosphere

By Stan Horzepa, WA1LOU
Contributing Editor
May 02, 2008

This week, a brand new application for Google Earth finds us flying through the ionosphere.

This just in: NASA-funded researchers released to the general public a new "4D" live model of the Earth's ionosphere. Called *Earth Space 4-D*, this new online tool visualizes the ionosphere using *Google Earth* and an Internet connection.

"This is an exciting development," says solar physicist Lika Guhathakurta of NASA headquarters in Washington, DC. "The ionosphere is important to pilots, ham radio operators, earth scientists and even soldiers. Using this new 4D tool, they can monitor and study the ionosphere as if they're actually inside it."

Continued on next page.....

Current Board Members

President

Scott Hall - NOUV

Vice President

Art Carlson - WA0NJR - Elected

Treasurer

Jerome Dahlager - KCOWCF -
Elected

Secretary

David Nick - KD7III - Elected

Mike Parker - KCOUEA - Acting Sec-
retary

Trustees

Leonard Hopkins - KCONZF (2008 - 10)

Harold Hoffman KCOFAX (2007 - 09)

Larry Snodgrass - KCOSMM (2006 - 08)

Past President

Jack Maus - WOMBD

Webmaster

Phil Jorgensen - NIARM



Pictured from left to right:

Art Carlson - WA0NJR (Vice President),
Scott Hall - NOUV (President)
Jerome Dahlager - KCOWCF (Treasurer)

Google Earth's Ionosphere—Continued

NASA's Explore the Ionosphere (from the safety of your own home) Web page announced the news about the tool and includes a video demo highlighting its features as well as a link to instructions on how to launch it.

In order to use *Earth Space 4-D*, you first must install *Google Earth* on your computer (both *Earth Space 4-D* and *Google Earth* are free). Second, you follow the simple instructions listed on the Communication Alert and Prediction System (CAPS) Web page.

This tool is so new (only one day old as I write this) that I have only explored the tip of this impressive iceberg, but from what I have seen, it is an important addition to the Amateur Radio toolbox (its Maximum Usable Frequency [MUF] features alone should be interesting to most hams).

I highly recommend *Earth Space 4-D*. The price is right, so try it out.

Editor's note: Stan Horzepa, WA1LOU, is fond of applications for Google Earth, especially radio-related ones. To communicate with Stan, send him e-mail or add comments to his blog.

Article from <http://www.arrl.org/news/features/2008/05/02/10076/>

Field Day Station Locator Up and Running

<http://www.arrl.org/contests/announcements/fd/locator.php>



(Apr 5, 2008) -- This year, for the first time, the ARRL has put together a Station Locator to help amateurs or those interested in Amateur Radio find a Field Day site near them. According to ARRL Field Day Manager Dan Henderson, N1ND, many amateurs have been asking for something like this for many years: "So far, 287 groups in 45 states and 3 Canadian provinces had registered their Field Day site with the Station 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 Web site and follow the instructions.

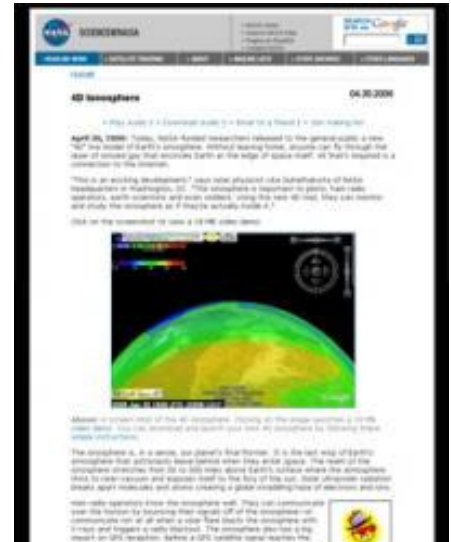
Volunteer Opportunities:

Annandale Triathlon

Information Coming soon
Contact person will be Lee, WBOTRA

Tour of Saints

July 13th
Bike ride event (not a race) - Volunteers to provide radio communication for bike repairs, injuries and to support operations of the event.
Contact person is: Scott, NOUV — nOuv@arrl.net



E-mail Dave at W0DZW@charter.net with your Call sign, First name and E-mail address to be added to the compiled list of club members e-mail addresses. These will be shared with club members only.

St. Cloud Amateur Radio Club

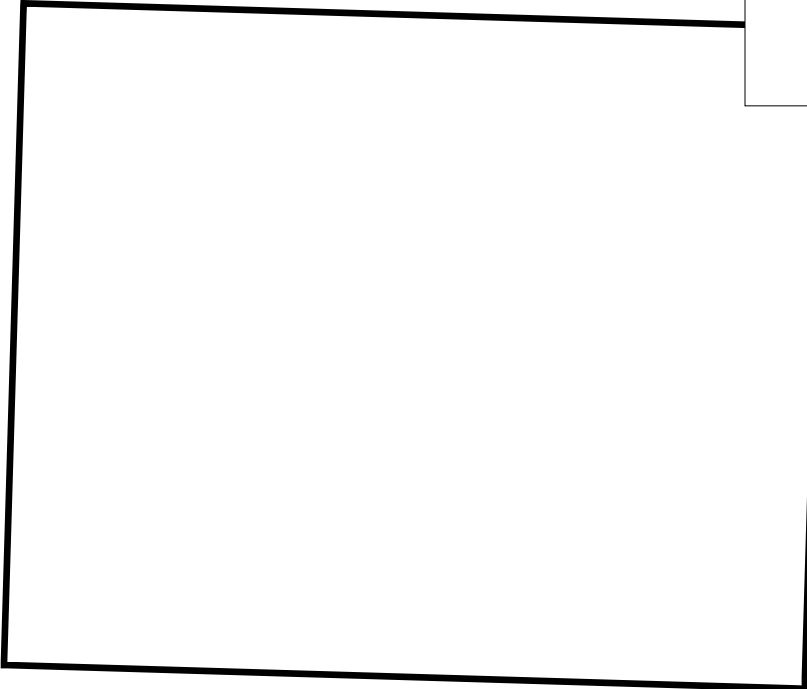
401 4th Street North
Waite Park, MN 56387



Phone: 320-255-1410

E-mail: webinfo@w0sv.org

E-mail Reflector:
[http://groups.yahoo.com/
group/scarcmn/](http://groups.yahoo.com/group/scarcmn/)



Information About the St. Cloud Amateur Radio Club & Area Repeaters

The St. Cloud Amateur Radio Club is 85 years strong!

It all started back in 1921 with Robert "Bob" Witchen, WØSV, licensed as 9SV.

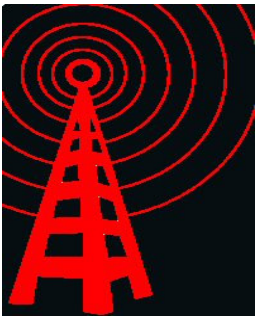
The St. Cloud Radio Club call is registered as WØSV in honor of Bob Witchen, first licensed ham in the area.

Since then, the club has grown by leaps and bounds serving in many useful ways among the surrounding tri-county area.

For a more detailed history visit our website at: www.w0sv.org

73

<u>Repeater</u>	<u>Offset</u>	<u>Tone</u>	<u>Location</u>
147.015	+	PL 100.0	Collegetown, MN
146.940	-	Autopatch	St. Cloud, MN
146.835	-	PL 85.4	St. Cloud, MN
147.105	+	PL 85.4	Avon, MN
224.800	-	No Tone	St. Joseph, MN
444.350	+	No Tone	St. Cloud, MN
443.650	+	PL 85.4	Avon, MN
145.270	-	No Tone	Paynesville, MN
146.520		Simplex	Nationwide Simplex
146.640		Simplex	Nationwide Simplex
442.225	+	No Tone	St. Cloud, MN
147.225	+	No Tone	Sauk Centre, MN



Please email the editor, Mike, KCOUEA at KCOUEA@yahoo.com with any corrections or additions to the newsletter.

