



Algoma Amateur Radio Club

The Algoma Amateur

Volume 33, Issue 1

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Editor & Publisher: VE3ZDR Dave Rowlinson

March 2010

AARC EXECUTIVE:

President: VE3RQR

Bob Rayner - 777-3274

Vice President: VA3RRN

Bob Rollins - 945-0089

Secretary: V?3???

Vacant

Treasurer: VE3OTL

Brent MacMillan - 759-3131

Activities Director: VA3BZ

Bob Heath

Repeater Chair: VE3DPT

Dave Pitcher - 942-6046

AARC Meetings:

First Thursday in month at Sir James Dunn Secondary School, Wellington St. E. at 7:30 pm.

Next Meeting: April 1, 2010

Programme:

Power Supplies and Emergency Standby Battery Interfacing

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***** First 'ZDR Issue *****



From the RAC News Service . . . **Access to** **137 Khz** **New Manager** **NARED**

2010-03-10

Industry Canada has approved access by Canadian radio amateurs to the Low Frequency (LF) band 135.7 ? 137.8 kHz, subject to certain conditions. The Revised Canadian Table of Frequency Allocations, promulgated in December 2009 to incorporate changes arising from decisions taken at World Radiocommunication Conference (WRC) 2007, permits amateur use on a Secondary basis subject to Footnote 5.67A.

The Footnote states: "Stations in the amateur service using frequencies in the band 135.7-137.8 kHz shall not exceed a maximum radiated power of 1 W (EIRP) and shall not cause harmful interference to stations of the radionavigation service operating in countries listed in No. 5.67. (WRC-07)". Industry Canada has advised that Canadian radio amateurs may now use the band and that Schedule I of RBR-4 Standards for the Operation of Stations in the Amateur Radio Service will be amended in due course.

Richard Ferch VE3IAY/VE3KI
Vice President Regulatory Affairs Radio Amateurs of Canada

2010-02-19

RAC Vice President Field Services Doug Mercer, VO1DTM is pleased to announce the appointment of Mevyn Halvorsen, VA3TSA/VO1TSA as our new NARED Manager effective immediately.

Merv has many years of ARES experience, has worked in support of ARES during the BC fires while he lived there, has worked closely with me in support of the Newfoundland and Labrador EMO at the Provincial EOC. Merv was active "on the ground" following Hurricane Katrina in Biloxi, Mississippi and while in Newfoundland was in charge of Emergency Services for the Salvation Army, Critical Incident Stress Trainer, as well as Chaplain for the St. John's Regional Fire Department.

Merv and family now reside in Thunder Bay, Ontario. Welcome aboard! It will be great working with you again.

Doug Mercer VO1DTM CEC
Vice President Field Services

The Editor's Desk

- Dave Rowlinson VE3ZDR



First and foremost, I would like to extend my appreciation to Dave Hayes, VE3JX and Bob Rayner, VE3RQR for stepping in and helping me in my transition phase. It has been a hectic couple months for me in my personal life and I want to say thank you to all of my friends for their support

Also, on behalf of the entire club membership, I would like to once again say many thanks to Dave Hayes for his years of dedication to the club and our newsletter.

I guess it would be fitting to give you a brief introduction to who I am and how I came to this position. Although I am a relatively new HAM by most standards (passed by BASIC exam last August), my exposure to the hobby actually occurred almost twenty years ago thanks to one VE3GPM, who at the time was my science teacher. I remember many times being in class and discussing the possibilities and the hearing first hand what his hand held transceiver could do.

Fast forward the clock almost two

decades, and now as a Cub and Scout Leader with #20 John Wesley, I was trying to find an interesting way to introduce the youth to Morse Code and also form some Emergency Preparedness lessons. It didn't take very long for Amateur Radio to become an interest in my life, from a teaching tool to a hobby.

A quick e-mail to Tony, VE3DWI introduced me to the club and I instantly became a member and started studying for my first foray into this new world. Since passing my exam, I have been a regular listener / participant in the nightly net, I have ventured into the world of Echolink, and began my venture into the next phase of my Amateur Radio life—studying for the Advanced Exam.

I find it refreshing in today's world of instant and automatic everything, there is this satisfaction in calling out there in the unknown radio silence and being rewarded with that voice of a reply.

I now ask all of our members to think about possible ways to increase our exposure and membership base. As with everything else in life, costs are constantly increasing and without

adding new members, this increase will cause an increase in our membership fees. Furthermore, with more club members, we can make a bigger and better presence during field day, SET and any other event that we chose to be involved with.

Speaking of events, that's another possible way to get our club and ur hobby out there. If you think of or know of any events that would benefit from the services that our club could provide, speak up, and let us know.

Dave Rowlinson, VE3ZDR.

Director's Report for January 2010



The monthly meeting of the Regional Directors was held on December 17, 2009 starting at 2330Z.

All of the business conducted was of a routine nature.

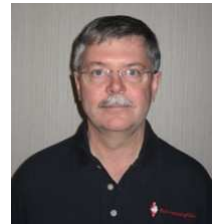
This letter will be a "Help Wanted" article. One of the positions that the Board of Directors has decided would be of great value to RAC would be a Coordinator of Philanthropy. This position would entail you talking to other Amateurs who may want to help RAC by donating to RAC either now or in the future as part of their legacy. There are Amateurs who are capable of helping RAC but do not know how to do this. Your job would be to facilitate their wishes and ensure they are remembered as a supporter of RAC. If you think this position may be a good fit for

you please contact me.

Our new President Geoff, VE4BAW is now taken over as have several new Executive and I believe 2010 should be a year that RAC does well.

As always I would appreciate if you could mention to your fellow amateurs the benefits of supporting RAC so we can have a strong voice both with Industry Canada and other Amateur and Professional Organizations here and abroad. RAC belongs to the Radio Advisory Board of Canada. This is an organization of all organizations that utilize the RF Spectrum. RAC is there to ensure our valuable resources are protected. This is another benefit of a strong RAC. You can see the RAC logo among the other members including: CBC, Bell and the Canadian Association of Broadcasters to name a few.

Check it out <http://www.rabc->



cccr.ca/home.cfm?lang=en

If you have any questions or concerns please email me at ve3xt@rac.ca.

All best to you and your families in 2010.

73

Bill VE3XT
North East Ontario
Regional Director

AARC March 4, 2010 Meeting Minutes



The Algoma Amateur Radio Club held their monthly meeting on March 4, 2010 at Sir James Dunn, with a pretty

decent turn out.

The minutes of the previous meeting where approved upon a motion by Tony VE3DWI and Frank VE3MAX. New business discussed included the financial report by Brent VE3OTL, approved by motion by RON VE3RGB and Bob VA3BZ.

Dave VE3DPT reports that the Goulais Avenue tower will be coming down in July or August of this

year. Investigations are under way to source out a new location.

Health and Welfare reports that a get well card was sent to W8SOO.

It was further discussed that, as a club, we should discuss and investigate ways to increase our membership base. Some ideas included trying to be involved with the police displays in the mall (showcasing our Emergency Preparedness involvement) or increasing our exposure during Field Day and SETs.

Field Day was brought up. Although, that is still a little while down the road, it's never too early to start thinking about it. In years past, it was held on St. Joe's Island, and that sounds like

the plan again for this year.

After a motion to close, Bob VA3BZ gave an interesting programme on setting up the best antenna and why.

Even our young member, Jacob Dudezki, was following right along, sketching out everything that Bob drew on the board for his future reference.



*VE3ZDR—Dave Rowlinson
(Stepping in for now, until a full-time secretary joins the team.)*

AARC Financial Report for February 2010

Opening Balance as of February 1, 2010	\$4022.48	\$4022.48
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Income

Memberships VE3ORT & VE3PBT (family)

VE3JMV	\$ 95.00	\$4117.48
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Expenditures

February 8	Cheque #1 Liability Insurance (Co-operators)	\$ 726.04
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February 25	Bell Canada Phone Bill	\$ 56.98
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February 28	Service Charge	\$ 1.40
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\$ 784.42	\$3333.06
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Balance as of February 28, 201	\$3333.06
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Dave Allison Awards Term Certificate	\$2964.48
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Credit Union Membership Share	\$ 25.00
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TAA Classified Advertisements

This section provides local amateurs with a venue for sharing information about what equipment is available or wanted locally. There are other venues.

On AARC's website, there is a Swap List maintained by webmaster, Tony Lelieveld VE3DWI. Check it out at: www.qsl.net/algomaarc

As well, on the Sunday evening Twin-Soo MiniNet, at 9pm, NCS Roy Brockelbank VE3FOD maintains and

reads a Swap List of locally-available goodies.

Of course, if something is available locally, you can save, on money & anxiety, with no shipping. Thus, we hope this service, as well as Roy's and Tony's, will prove to be useful to radio amateurs in the local area, on both sides of the border.

For listing here, just send your ads to me via my email address: ve3jx@sympatico.ca -jx

WANTED: The audio section in my **TS-440** quit. If anyone has a **rig for parts** with the audio section working I am interested. Any help. Thanks, Denny VE3EUI

FOR SALE: Realistic HTX-212 2m mobile transceiver. New in box; never used. C/w hex keypad mic. O/P 45w. **Reduced:** \$130. Cheers, Dave VE3JX 705-759-2008

WANTED: A mic for a Yaesu FT-101 (4 pin). Call Don Norman VE3JMV at 705-942-2032.

FOR SALE: President HR-2600 10m 25w all-mode mobile transceiver, in box. Near new; never used by me. **Reduced:** \$150. Cheers, Dave VE3JX 705-759-2008

FOR SALE: Heathkit **HW-99** CW Transceiver. Covers 1st 250 khz of 80, 40, 15 & 10m. (no 20m) 50w out. Built-in PS, manual. All solid state. Recently checked. **Reduced:** \$130. Cheers, Dave VE3JX 705-759-2008

FOR SALE: Yaesu FT-101 HF transceiver. Solid state with tube driver & finals. \$180. Great starter rig. Call Don Norman VE3JMV at 705-942-2032.

FOR SALE: MFJ-969 300w Antenna tuner, new in box, perfect condition. Includes build-in dummy load, dual meter for forward and reverse power/SWR, roller inductor, multiple antenna selector. For coax and balanced line. \$180 firm. Tony Lelieveld VE3DWI 705-783-4389

FOR SALE: BUTTERNUT HF6V-X HF vertical antenna. This is from the estate of VE3PA. (This antenna is \$500 at Radioworld.) Please call Marie Eggesfield, XYL of VE3PA, for price and other info. on this antenna. 705-782-6813.

FOR SALE: HyGain TH6DXX 6 el. tri-band beam. w/ SS hardware. Gud condix. Too big for my lot. **Reduced:** \$275 or trade for 3-el beam Dave VE3JX 705-759-2008

FOR SALE: Local CBer has various pieces of equipment for sale, including radios, amplifiers, power supplies, antennas and coax. Call Ed Mayers 705-253-8472.

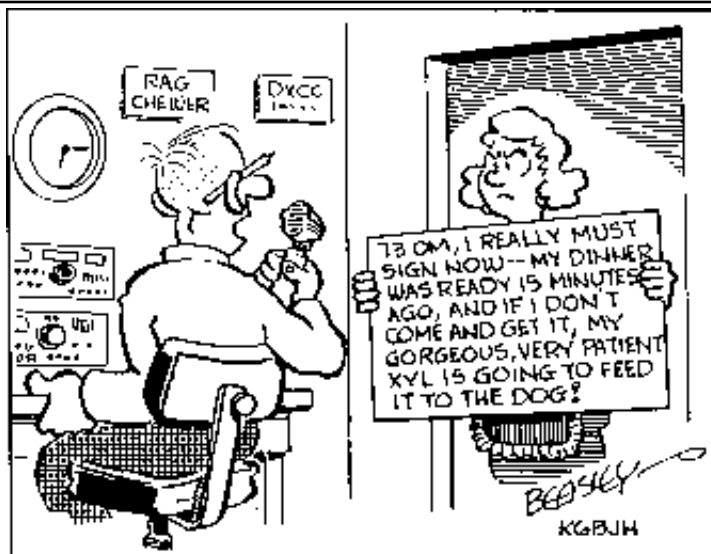
WANTED: CLUB SECRETARY

We find ourselves in need of a Secretary for the club. Tony Lelieveld, VE3DWI resigned this position at the end of 2009, and left a void that needs to be filled. Again, I would like to say thank you to on behalf of the club to Tony for his years of service in this position.

This may be your chance to take an active role in **your** club. Although, I am new to the club myself, I do think that we should get some new blood into the group. For many years it has been the same few members quarterbacking things, and maybe with some new members taking roles, we can expand into areas previously not considered. With new members, come new contacts, new ideas and possibly new ways of expanding our club.

If you want more information about this possibility, contact Bob

Rayner @ ve3rqr@sympatico.ca



-7:30 A.M., I REALLY MUST SIGN NOW-----



From **Geoff Coulson**
Warning Preparedness
Meteorologist |

CANWARN Training 2010

Folks...hope everyone has been enjoying the amazing start to the month of March. The warm, sunny weather is a prelude to what we will be seeing a lot more often by late April. The return of warm and humid weather in April will also herald the start of the spring/summer severe weather season in Ontario. This severe weather will take the form of powerful thunderstorms capable of producing damaging winds, flooding rains, large hail and tornadoes. The 2009 season had a number of significant events. On July 9th three American tourists lost their lives in a fishing camp in Northwestern Ontario north of Dryden when a Fujita Scale 2 tornado moved through the camp. On August 20th, 18 tornadoes were spawned from a series of supercell thunderstorms that moved over southcentral and eastern Ontario. These 18 tornadoes represented a new Canadian record for most tornadoes in one day. Yet another milestone will be reached this spring, May 31st, 2010 will be the 25th anniversary of the Barrie and Grand Valley tornadoes...the last confirmed Fujita Scale 4 tornadoes to occur in Ontario...that, between them, took 11 lives.

CANWARN volunteer storm spotters continue to play an integral role in Environment Canada's severe weather watch/warning program. I would encourage you to come out to a training session near you especially if you haven't been to one in a few years. By now, most of you have received your CANWARN ID card...many were given out during last year's training then a number of others were mailed out. There will be a supply of cards at each training session for those of you who don't have a card yet. In order to keep our database up-to-

date, I would ask you to send in any changes to your contact information (i.e. new email address, mailing address, phone number etc..) to the canwarn.ontarioregion@ec.gc.ca account. Also, I would appreciate getting emails to the canwarn.ontarioregion@ec.gc.ca account indicating which CANWARN training session you intend to participate in...this will help us get a sense of numbers ahead of time. During the sessions this year we will also be promoting two email addresses that can be used to report severe weather...they are storm.ontario@ec.gc.ca and tempete.ontario@ec.gc.ca, these accounts are monitored 24/7 by weather centre staff and represent yet another way you can provide information concerning breaking weather.

On behalf of my colleagues at the Ontario Storm Prediction Centre, I would like to thank all of you for being a part of this very important program. Your timely reports of severe weather are greatly appreciated and help in increasing the safety and security of the people of Ontario. I look forward to seeing some of you at the training sessions this year. So without further ado...here are the list of this year's sessions as things stand now...I will be sending updates out in the coming weeks as other dates/venues are firmed up.

Windsor - Monday, April 12th 7 PM - Caboto Club 2175 Parent Avenue

London - Tuesday, April 13th 7 PM - Four Points Sheraton Hotel 1150 Wellington Road

Hamilton - Saturday, April 17th 9 AM - Nash Auditorium, Wilcox Building, Chedoke Hospital, Sanitorium Road

Sarnia - Tuesday, April 20th 7 PM - Kinsmen Centre (Oakroom Room) 656 Lakeshore Road

Peterborough - Tuesday, April 20th 7 PM - Canadian Canoe Museum 910 Monaghan Road

Kitchener - Wednesday April 21st 7 PM - Bingemans Conference Centre - 425 Bingemans Centre Drive

Orillia - Saturday, April 24th 9 AM - Highwayman Inn - 201 Woodside Drive

Toronto - Saturday, May 1st 9 AM - Environment Canada Headquarters 4905 Dufferin St (Dufferin south of Steeles Avenue)

Cornwall - Saturday, May 1st 9 AM - Cornwall Legion 415 Second St. W.

Ottawa - Saturday, May 8th 9 AM - Kanata Legion 70 Hines Road

Sudbury - Saturday, May 15th 9:30 AM - Lionel E. Lalonde Centre 239 Montee Principale, Azilda

Sault Ste Marie - Sunday, May 16th 7 PM - Waterfront Inn - 208 St. Mary's Drive

Timmins - Monday, May 17th 7 PM - Days Inn - 14 Mountjoy St. South

North Bay - Wednesday, May 19th 7 PM - Ontario Provincial Police Communication Centre - 877 Gormanville Road

Northwestern Ontario - week of June 7th - exact dates/locations to be determined in next 2 weeks

Some may be away at Dayton during the scheduled date in the Sault. Perhaps, they can pick up the training at another location, if desired.

RAC President's Message

Message from the President, January & February 2010

Every New Year offers new opportunities. Hope is reborn.

"I believe that all of us together are stronger than any one of us."

I haven't made New Year's resolutions before but I am about to make some very public resolutions...

I resolve in 2010 to be fully committed to my new role as President of Radio Amateurs of Canada.

I resolve in 2010 to work effectively with you, the members of RAC, and with the RAC Board of Directors and Executive in order to make a difference and work for the betterment of Amateur Radio and RAC.

At the RAC Annual General Meeting in Winnipeg, I made a presentation called (with apologies to Dickens) "It was the best of times, it was the worst of times" when speaking about the present state of Amateur Radio in Canada. There are tremendous opportunities for us but also challenges. We Amateurs must articulate both opportunities and challenges. We must identify the underlying causes of the challenges and work together to provide solutions.

An irony is that the technology that provides us with inexpensive, high performing radios has eliminated our monopoly on personal communication. Radio is no longer regarded as high tech, computer technologies now attract the technophiles that formerly flocked to radio, government legislation is infringing on Amateur Radio practice, much of the public and me-

dia views us as quaint and obsolete thus allowing further legislated infringements and fewer Canadians are becoming hams.

I believe that we can address many challenges by simply increasing our stature in the public eye. This is easier said than done. Our many opportunities revolve around our ongoing public service - whether it be emergency, educational or community support - and the fact that we are blessed with intelligent, motivated members. RAC has the role of being a catalyst and problem solver to address our challenges, while identifying and addressing the needs and interests of our members. Together, we will make 2010 and beyond "the best of times".

Sir Isaac Newton once said that if he saw farther "it was because he stood on the shoulders of giants". Everything that we will accomplish builds on those who went before. I would like to thank three outgoing and one current member of the RAC Executive who, for love of radio, have worked hard to make a difference.

I want to thank Bob Cooke, VE3DBD, for stepping into the presidency when needed. He could have held back. He provided leadership to address many critical issues. Thank you Bob.

I want to thank Ronald Vadeboncoeur, VE3REV, for his service as Treasurer and I also want to thank Linda Friars, VE9GLF, for her service as Corporate Secretary. These people volunteered their most precious commodity - time - and they did so for the benefit of all of us.

I would also like to thank Ian MacFarquhar, VE9IM, who has been serving as interim President for the last two months on top of his duties as First Vice-President. Thank you Ian.

Other Amateurs are standing up to continue the work. As of January 1, 2010, Paul Burggraaf, VO1PRB, will be our new Corporate Secretary and Margaret Tidman, VA3VXN, will be our new Treasurer.

Paul became licensed as an Amateur Radio operator in March 2003. He is a member of the Society of Newfoundland Radio Amateurs and he served as Club Secretary from the Fall of 2004 until April 2005 when he was elected Vice-President, a post he continues to hold.

Paul is an ARES member and in February 2009 he became the Emergency Coordinator for St. John's and the Provincial Emergency Operations Centre. He is currently employed as a Network Administrator with the Office of the Auditor General for the Government of Newfoundland and Labrador. I want to thank Paul for joining the RAC Team.

Our new Treasurer, Margaret Tidman, VA3VXN, has worked in the field of accounting for nearly 10 years, rising to Financial Analyst at a private company. She has expertise in accounting processes, financial reporting and working under pressure. She has also held the position of Treasurer for the Ottawa Canada Linux Users' Group since 2007.

In March 2009, she bought the RAC Hamstudy Basic Guide and she passed her Basic exam in May 2009. Recently, she has taken over membership coordination for the Emergency Measures Radio Group (EMRG), an Ottawa-based ARES group. Welcome aboard Margaret and we are looking forward to your financial acumen helping the RAC team.

– 73, Geoff, VE4BAW

The Algoma Amateur Radio Club

c/o Brent MacMillan,
 30 Chapple Ave.
 Sault Ste. Marie, Ontario, P6B 3N9

MEMBERSHIP APPLICATION

NAME:		CALL SIGN:	
ADDRESS:			
CITY-TOWN:		PROV/STATE:	P.CD/ZIP:
PHONE:			
E-MAIL ADDRESS:			

TYPE OF MEMBERSHIP:

\$35.00	\$60.00	\$10.00	\$5.00	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
SINGLE	FAMILY	ASSOCIATE	JUNIOR	AMOUNT PAID

(AFTER 2 IN FAMILY - \$5.00)

Associate or additional family members

DATE:

M	D	YR

SIGNATURE

ALGOMA AMATEUR RADIO CLUB

c/o Brent MacMillan
30 Chapple Ave.
Sault Ste. Marie, ON
P6B 3N9

Website: www.qsl.net/algomaarc

Club email: ve3dwi@rac.ca

Editor's email: ve3zdr@rac.ca

The Algoma Amateur is published 10 times a year.

AARC Repeater Committee: VE3DPT Dave Pitcher (Chair)

VE3FOD Roy Brockelbank VE3RQR Bob Rayner VA3RJB Ron Bird

Repeater Custodians: VE3BLX Doug Kettles: VE3SJI

VE3FOD Roy Brockelbank: VE3SSM & VA3SNR

EUPAR Club

Meets the **last** Saturday of the Month
at 10:00 am
Faith Lutheran Church
1600 Park St.
Sault Ste Marie, Michigan

ASEC - "Senior's Club"

Meets **every Thursday** at around noon to 3pm
Location: Senior's Centre, 619 Bay St.
Sault Ste Marie, Ontario
The coffee & tea is on, plus some goodies.
Good, informative & lively conversation.

Locally Accessible Nets

<u>Net Name</u>	<u>Where</u>	<u>When</u>
Twin-Soo MiniNet	146.34/.94	2100ET Daily
Twin-Soo 10m Net	28.400 Mhz	2200ET Saturday
Twin-Soo 6m Net	50.130 Mhz	2200ET Sunday
Ontario ARES IRLP Net	147.06/.66 Refl. 9005	2000ET Sunday & Wednesday
Procomm Net (IRLP)	147.06/.66 Refl. 9206	2000ET Thursday

Hungry Anyone?

Amateur Radio Lunch

Date: Every Friday

Time: noon hour

Location: **Country Place Restaurant** in Echo Bay,
for the time being.

Please contact Hugh Orr VE3EAV for further details.

Amateur Radio Breakfast

When: The 3rd Saturday of the month, 9:30 am - 10:30 am
Even Months in **Ontario**; Odd Months in **Michigan**.

Michigan: Studebaker's Restaurant

on I-75 Business Spur, Sault Ste Marie, MI

Ontario: Gino's Restaurant on Gt. Northern Rd.
(Hwy 17 North, between 3rd & 4th Lines) SSM, ON

Sponsored by the Algoma & EUPAR ARC's and open to
ALL interested parties. Club affiliation **not** required.

List of Working Local Repeaters

<u>Callsign</u>	<u>TX Freq.</u>	<u>RX Freq.</u>	<u>Split</u>	<u>Location</u>	<u>Sponsor / Owner</u>	<u>Patch? Or?</u>
VE3SSM	146.940	146.340	-600 kHz.	Sault Ste Marie, Ont.	AARC	"Y"
VE3SJI	146.880	146.280	-600 kHz.	St Joseph Island, Ont.	AARC	"Y"
VA3SNR	145.210	144.610	-600 kHz.	Montreal River, Ont.	AARC	"Y"
VE3SSM (UHF)	442.650	447.650	+5 MHz.	Sault Ste Marie, Ont.	AARC	"Y"
VA3SOO	147.060	147.660	+600 kHz.	Sault Ste Marie, Ont.	VE3KD	IRLP
VA3SSM (UHF)	442.050	447.050	+5 MHz.	Sault Ste Marie, Ont.	VE3KD	"N"
W8EUP	147.210	107.2 147.810	+600 khz	LSSU, Sault Ste Marie, MI	EUPAR	"N"
W8ARS	147.330	147.930	+600 kHz	McNearny Lake, MI	EUPAR	"N"
W8EUP	146.640	146.040	-600 kHz	Pickford, MI	EUPAR	"N"
KB8SKC (VHF)	147.105	110.9 147.705	+600 kHz.	Sault Ste Marie, MI	KB8SKC	"N"
KB8SKC (UHF)	442.850	110.9 447.850	+5 MHz.	Sault Ste Marie, MI	KB8SKC	"N"
VE3SNS	145.470	144.870	-600 khz	Heyden, ON	VE3MOH	
VE3SNB	444.450	100.0 449.450	+5 Mhz	Echo Bay, ON	VE3MOH	Echolink
VE3SNE	53.450	100.0 52.450	-1 Mhz	Sault & Echo Bay, Ont	VE3MOH	Echolink
VE3SNE	147.450	100.0 147.450	Simplex	Sault Ste Marie, Ont.	VE3MOH	Echolink
VE3SNT	147.480	123.0 147.480	Simplex	Echo Bay, ON	VE3MOH	Echolink
VE3SNE	144.390	144.390	Simplex	Sault Ste Marie, Ont	VE3MOH	APRS