

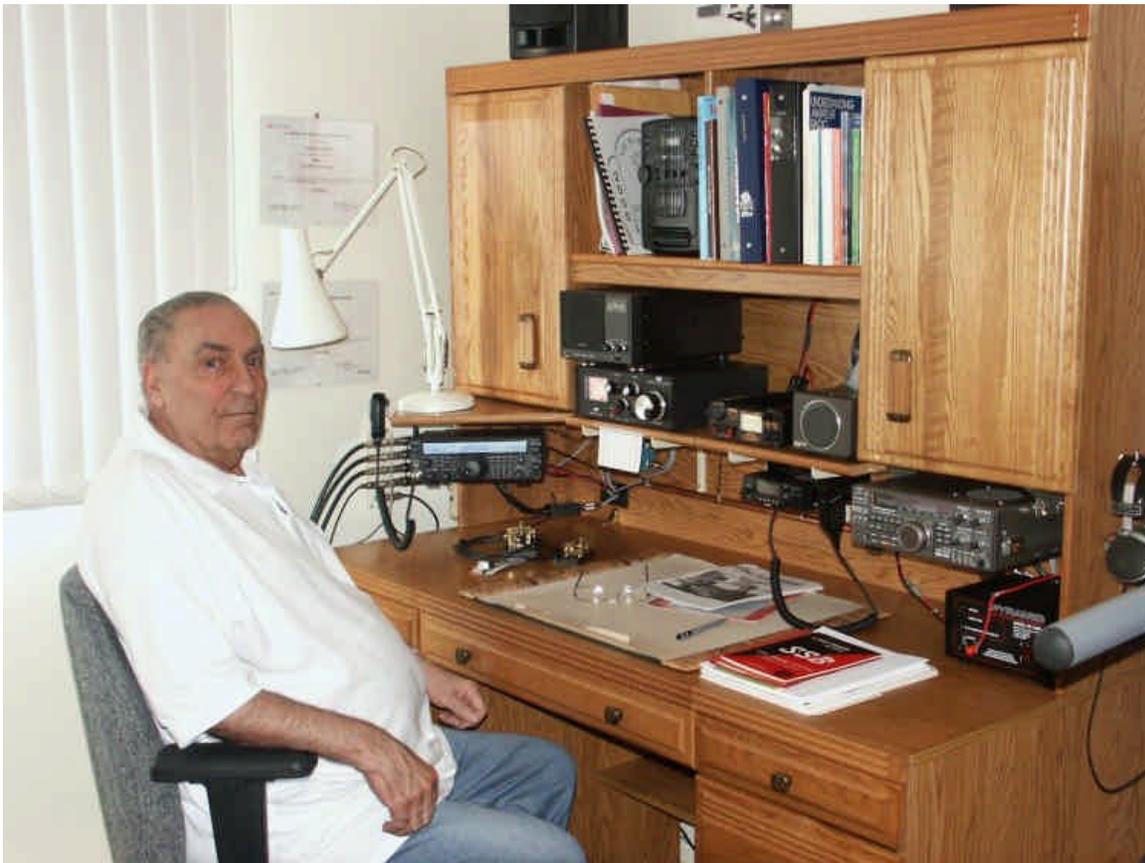
VE5AA

APRIL 2003

The Feedline

SASKATOON AMATEUR RADIO CLUB

VE5RBG



Bob (VE5RBG) station setup-

HF - Yaesu - FT847 - 160M through 70CM

Kenwood Receiver - 100KH through 30MZ and 108MZ through 174MZ

Antenna Tuner MFJ 969, Paddle and Straight Keys, Heil Pro-Set Plus Earphones

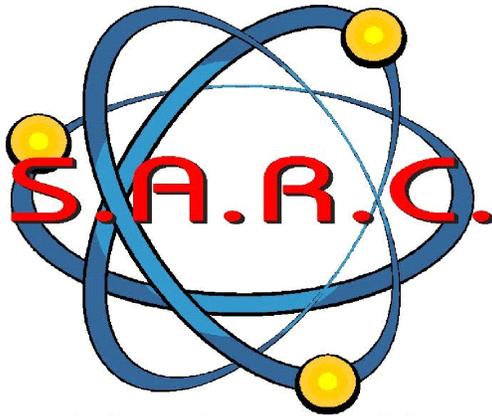
Antennas - G5RV - 80M through 10M

Homemade Vertical - 40, 20, 15, 10M

Comet Triband Vertical - 6M, 2M, 77CM

150 Pro Scanner - 30MZ to 1200MZ

VHF gear - FT847, HTX242 Mobile, Icom HT7 HT



Saskatoon Amateur Radio Club

P.O. BOX 751
Saskatoon, SK S7K 3L7
ve5aa@qsl.net
<http://www.qsl.net/ve5aa>

**Saskatoon Amateur Radio Club
Meetings are held the 2nd Tuesday
of each month September til June.**

**Our meeting location is Alvin
Buckwold School
715 East Drive – West entrance
Meeting is 0130Z (7:30PM local)
VISITORS AND GUESTS ARE
ALWAYS WELCOME!**

Articles Wanted

- * Community service events
- * Home-brew projects
- * New product reviews (by you)
- * Fotos, fotos, fotos of club events
- * Repeater activities
- * New Hams - pictures & bios.
- * Old Hams – pictures & bios.
- * Fotos of members, special activities, celebrations, recognition awards, etc.

e-mail me at:- ve5lpp@rac.ca

NEXT CLUB MEETING

Tuesday, April 8, 2003

7:30 P.M.

ALVIN BUCKWOLD SCHOOL

BE THERE!

APRIL MEETING

Ken, VE5KRB has arranged for Dr. George Sofko to speak to us about "Superdarn."

CONTESTS

Apr 5-6 SP DX Contest
Apr 11-13 Japan Int. CW DX
Apr 19-20 Michigan QSO party
Apr 19-20 Ontario QSO party

For further information on contests refer to TCA, CQ & QST magazines.

COFFEE

**Saturdays at 10 AM
Smiley's on 8th ST.**

**Everyone is welcome,
Hams, non-Hams, it
doesn't matter. Were
there to have good
conversation with good
friends.**

C'mon out and visit!

MINUTES

SASKATOON AMATEUR RADIO CLUB

March 11, 2003

In the absence of president Andy, the meeting was opened at 7:30 P.M. by Vice-president Gus VE5SPI. No guests or visitors present.

The minutes of the February meeting were approved as circulated on a motion by Ned, VE5NED, seconded by Ron, VE5RMS; carried.

Ken, VE5KRB, summarized the responses to the "Tell us" questionnaire – 18 out of 27 responded. The executive will prioritize questionnaire items at the next executive meeting.

The Treasurer was out of the province so there was no report presented.

COMMUNITY SERVICE

Ned, VE5NED reported that both the Chinese New Year's parade and GODA events were well supported by our members and the events went well. He thanked all who participated.

Ham classes – Ned, VE5NED reported that ham classes were progressing to the point that several participants are nearing the time to write their test. Ken, VE5KRB reported that the Wednesday night mentoring workshops were continuing.

Programs – Ken, VE5KRB advised that Dr. George Sofko would make a presentation to our club on April 8, to tell us about Superdarn.

Ron, VE5RMS advised that the regular meeting of ARES would not be held this month but that he had arranged for interested persons to take a tour of the airport tower. Interested persons are to contact Ron if they wish to attend. Meeting place is at the base of the tower at 7:15 P.M., March 17. It was also reported that ARES had made the request that ARES be permitted to display their ARES banner or ID alongside SARC banners at public events in which hams are involved. The executive had given approval for this to happen.

A request from MARS re our participation in their "Bluebook" project was discussed and Les, VE5LPP and Ron, VE5RMS agreed to put together an ad representing the SARC in the book at a cost of \$25 per page.

Nominations from the floor were opened:

Warren, VA5WDB was nominated by Colleen, VE5CMG, for the position of 2-year director, Seconded by Wally, VE5IX – VA5WDB accepted the nomination. Herb, VE5He was nominated for the position of secretary by Ron, VE5RMS, seconded by John, VA5RJA - VE5HE accepted the nomination. Additional nominations from the floor and elections will be held at the April 8th meeting.

Ken, VE5KRB advised that the weekend prior to Field Day would be an open house at the Little Bear Amateur Radio Club and he invited the members to visit the facility.

Gus, VE5SPI advised that he has just returned from a special soldering course held in Ontario in connection with his work and is prepared to manage a soldering class in the fall of the year.

The 50/50 draw was won by – Ron, VE5RMS. Congratulations Ron! I thought you were supposed to sell me the winning ticket!

The meeting adjourned for coffee and delicious chocolate cake provided by Colleen, VE5CMG. Again, thanks from all of us for all the goodies you have been providing at the meetings!

Our program consisted of an excellent presentation by Ken, VE5KRB on batteries and their appropriate maintenance. I'm sure we all learned something valuable from your presentation Ken – thanks from all of us.



Herb Essenburg – VE5HE – Secretary

**From:- ARRL Headquarters
Newington, CT
February 6, 2003
To all radio amateurs**



**AB SPACE ARL ARLS004
ARLS004 Starshine 3 Satellite Falls**

The Starshine 3 satellite, the 91-kg disco ball in space, burned up in Earth's upper atmosphere above northern Canada or southern Greenland around 0515z on January 21. From the time of its September 29, 2001, launch, Starshine 3 (SO-43) made 7434 revolutions around Earth.

Starshine 3's highly reflective surface was designed to be easily seen as it passed overhead at dawn and dusk, providing students the opportunity to participate in its primary mission of satellite tracking. Amateur Radio operators also could monitor AX.25 9600-baud

Telemetry on 145.825 MHz.

The Project Starshine Web site has more information at

<http://www.azinet.com/starshine>.

Morse Navigator for Blind

I went to visit my neighbour the other day. To do this, I usually walk out on to the frozen lake, which is in front of our house, turn left and follow the shore, heading north for about one and a half kilometres. I follow the shore by occasionally yelling at it. If my echo comes back to me too soon, I am too close to it and am likely to run into bumpy shore ice and drifts. If my voice takes a long time to come back to me - or, much worse, does not come back at all - I have strayed off to my right, out into the middle of the lake. Corrective action is required immediately. This works pretty well until I get near the point where I must go back on to the land to reach my neighbor's house. I am aiming for one of those concrete boat launch ramps. I can walk off the ice, up the ramp on to the road on which my neighbour lives. The

problem is that, just before the ramp, I must cross the mouth of a wide bay. I could follow the shore of the bay all the way around, but this would double the distance, especially since the bay is swampy and has no clear shoreline. But crossing the mouth of the bay means I have to abandon my source of echoes for a space of about ten minutes walking - plenty of time to go badly astray with no landmarks of any kind. This is where the new gizmo really comes into its own. It's a GPS unit, smaller than the tiniest cell phone, attached by a short wire to a nondescript little box. (The two devices fit in my pocket side by side.) The system is called a Morse Navigator, because the little box gives me my position (as determined by the GPS unit) in Morse code. It also gives me my heading (the direction in which I am traveling) and my bearing (the direction in which I should be traveling to reach whichever landmark I have selected.) One of the landmarks I have put into the GPS is that boat launch (I did this by simply going to the spot and pressing two buttons on the GPS unit.) So the other day when I left home, I pressed the Go To button. The Morse navigator gave me my present position (in latitude and longitude), the bearing I had to follow to get to the boat launch (320 degrees) and, once I started moving, the actual direction I was going. No shouting at the rocks, no wandering off into the frozen wastes, I just walked along, listening to discrete little Morse beeps and adjusting my direction when I deviated from 320 degrees. It is easy and very effective, once you get the hang of it. But there is some serious learning to do at the beginning. First, you have to learn (or brush up on) your Morse code numbers. It's like Braille, easy in concept but takes a lot of practice to get fluent. You also need to know how latitude and longitude work and the numbers for the various compass directions. Once you have those concepts clear, the Morse Navigator will keep you on course in those wide-open spaces such as fields and bodies of water. I have not yet tried it in forested areas, but I think it should work fairly well, so long as the tree cover is not so thick that it interferes with the GPS signal.

I bought the unit from its designer, Oriano Belusic, who uses it in the streets of his home city of Victoria, B.C. Of course, in

a city you can only adjust your direction at street corners, but by the same token you are less likely to wander off at an angle. We both use a single earphone attached to the beeper to bring the sound closer to the ear, while leaving the other ear available for other sound cues. This is very important in the streets of Victoria, less important in a low traffic area such as a frozen lake. This system is a cheap and simple alternative to the very high tech and expensive talking GPS system available from Cendero Group in California. Well, let me revise that. It is relatively cheap, only about \$400 for the two gizmos. Though it does not give full access to all the GPS functions, it gives the basics and keeps me going straight when I have no good cues to follow. By the way, I hit that boat launch right on. Later, on the homeward trip, I was following snowmobile track on the lake and the Morse Navigator brought it to my attention that the track was not taking me home, but rather out across the lake to the far side. I made the correction and, when I got within fifty meters of the destination, the Navigator rewarded me with a little fanfare - a little joke programmed into the unit by Oriano and his partner. You can get more info on this brand new device from Oriano at: -

oriano@shaw.ca

73 Brian Lendrum

Source:- Herb (VE5HE) from an e-mail he received from Brian.

Workshops
S.A.R.C. Clubroom
Wednesday evenings at 7:00 PM
For those who would like to work on
operating the equipment and
anything else you might need help
on.



*Hey! Didn't I see you get your
Ass kicked on Cops??*

Amateur Radios participation in Ice storm 2003



**VE9RCM
Manning the radio station**

On February 2, an ice storm moved through the province earlier in the day and created major power outages in several areas of New Brunswick. Over 61,000 residents throughout the province were without service.

The City of Moncton activated their Emergency Operations Center and was jointly operated by the municipalities of Moncton, Riverview and Dieppe. The Moncton Red Cross was asked to open and staff five reception centers within the above regions and amateur radio operators were dispatched in each center to ensure uninterrupted communication between the centers and the Emergency Operation Center.

On February 6 the last two reception centers were closed and the next day the Emergency Operation center suspended operations.

During this crisis amateur radio volunteers provided 120 man-hours and transmitted over 50 messages.

Source:- Tri-County Amateur Radio Club

MOOSE JAW FLEA MARKET

Saturday, April 5, 2003

Breakfast 8 AM

9AM gates open

\$2.00 per head

Place: Church of our Lady

566 Vaughn St. West

Talk in VE5CI 146.94 -



**ARES
Saskatoon**

**NEXT ARES MEETING
7:00PM, APRIL 15, 2003
CITY HOSPITAL
ROOM 1903**

ALL HAMS ARE INVITED



<http://www.mssociety.ca/sask/saskatoonSCW.htm>

Volunteers needed for the 2003 MS WALK

The 2003 MS WALK will be held on Sunday, April 27. As in previous years, the WALK will begin and end at the Archibald arena on Spadina Avenue. We will be looking for operators to provide communication at four rest stops, four vehicles and various other locations along the route. Operators will be needed as early as 7:30 AM and as late as 1:00 PM depending on their location. Everyone is welcome to help out. Anyone interested should contact Bruce (VE5BNC) or any member of the Club executive. You can reach us by email at the Club's address:

ve5aa@qsl.net.

73 - Bruce - VE5BNC

Poll results in!

THE QUESTION WAS: - what would you like to see happen in the following two areas...

1/ In the area of activities, we would like to see the membership as a whole give some leadership into what pet areas you have that could be set in motion to better our ham radio club and the hobby for everyone present and future.

2/ In the area of projects. Many members have said that fund raising is much needed in our club. We must have a goal that the funds will be earmarked for, not just to put in the bank and draw interest.

SUMMARY OF QUESTIONNAIRE RESULTS

The total number of respondents in this survey was 18 out of 27 that were considered part of our club or association. Not a screaming great achievement! Many had a hard time addressing the 2 categories presented, as some didn't address the last category.

The bracketed number at the beginning of each highlighted heading represents the number of respondents that voiced an opinion or suggestion.

With only a small participation was amazing that many topics came forward --- whether some were uninformed, --- or we are poor at advertising ourselves -- which I believe we are.

Mentoring, Workshops, Public Relations, and Special Attention Groups yielded the most documentation. The headings wandered across both categories.

IRLP & APRS was the next leader in total number of hits.

All others were not addressed with any enthusiasm, but this should not be construed as a non-starter as far as consideration in most cases.

Some headings did not address why the club should acquire said items or activity --- just to have or do it may not bring much support??

We should first prioritize each heading, and then discuss the pros & cons, what is our capabilities to do it, what purpose will it achieve in the community & for our club. We may have to have a special evening to have those that responded to the item fill in the executive with more information.

The executive need not feel it needs to shoulder the whole world. Delegate the work with a time limit on the outcome, whether or not it is a "GO or a NO GO" item. There is obviously interest on several fronts - the fund raising was not defined very well and may need a special fund raising project, maybe brainstorming on an evening or weekend.

THE RESULTS

PUBLIC RELATIONS (8) Public relations, advertising and general promotion of SARC outside of the membership needs more attention - not lip service. From more banners, billboards on approaches to the city, advertising in the Sun, to a photocopier for advertising. Pro-active membership drives, e.g. malls, school visits, assisting with school projects. Volunteers as lookouts for lost children at large events like exhibition, Canada Day, etc.

MENTORING (7) A consensus suggested more help for a large cross section of beginning hams, as well as older hams, and "not quite there yet" students. Youth should be encouraged through schools, and extra field trip activities (public) to be exposed to what Ham radio is about.

WORKSHOPS (7) Workshop activity, project building- i.e. antennas, oscillators, etc., weekend workshops.

SPECIAL ATTENTION GROUPS (6)

Promote younger hams, assist students whom is entering a tech/electronics/engineering program. Financial assistance. Utilize possible money; public & private support realms & various institutions. Look at recruiting youth & various "at risk" groups. Afternoon sessions with a school class for radio demonstrations and get a turn operating (Gr.3, 4,5).

IRLP & APRS (6) This request seems could be combined with VE5SK or elsewhere & to couple with ARES, APRS between Saskatoon and Regina. Work with Regina club & 2 APRS groups.

MONEY RAISING (5) Raffles, donations, discount purchases from suppliers, binges, flea markets, garage sales, sale of used equipment.

CONTESTING (4) Contesting, Elmer help for contesting, procedures, etc.

MOBILE VAN OR TRAILER (4) The replacement of present club trailer with a proper trailer or a mobile van. Use old trailer for storage of equipment.

SOCIAL EVENTS (3) More events, not just Xmas party & field day. Fox hunts. Host barbecues for Seniors & Seniors shut ins.

SPECIAL OUTINGS (2) Outings to Northern Club Facilities, Mini DX trips/camping, etc. fellowship.

CLASS INCLUSIONS (2) Equipment operation classes during basic courses, VHF operation on the air during classes, Lecture course as required for advanced classes. Several sessions for new hams on operation - setup at club station.

HISTORY UPDATE OF CLUB (2) No recorded inf. later than 1968 or information on club's current location. An update on a yearly basis of club interests & accomplishments. Improve security on equipment at club station.

440 REPEATER (2) No reason given or benefits to club or community.

ARES (1) All members are encouraged to join. Should join with SARC when taking part in community events.

ATV REPEATER & AUTO PATCH (1) Improvements to ATV repeater, as well as adding an autopatch to VE5SK repeater.

RAISE DUES (1) to cover deficits.

QRP (Low power) (1) Experiments.

NEW EQUIPMENT (1) For Club Repeater or Club Station.

REMOTE HF REPEATER (1) Not just telephone HF.

73 Ken Bindle (VE5KRB)

ELECTIONS

Nominations will be accepted from the floor at the April General Meeting, which is election night. The following positions are to be filled:-

President, Vice President, Recording Secretary and one director. These are to replace Andy Paquet (VE5APD), Gus Schmid (VE5SPI), Herb Essenburg (VE5HE) and Warren Beaulé (VA5WDB), whose terms are up this year.

Please consider letting your name stand for office as new people on the executive are always good for the club. It's also not fair for the same people to be doing all the work year after year.

When nominating someone, please get their permission beforehand.

*ON THE KEYBOARD OF LIFE ALWAYS
KEEP ONE FINGER ON THE ESCAPE
KEY!*



ALL THINGS ARE POSSIBLE
HAMING & FISHING
 30 inch Brown Trout

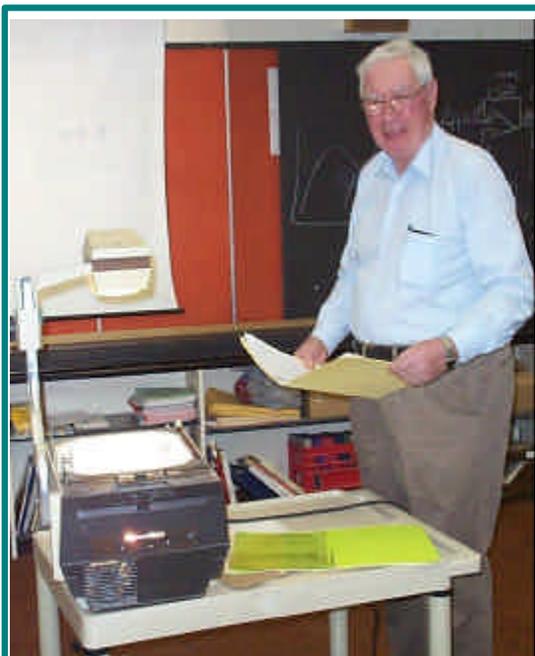
LARK'S INN **HOT TUBS**
 Little Bear Lake, Saskatchewan
ROBERT & DELORES CLARK
 One & Two Bedroom Suites
 Showers • Ice • Groceries
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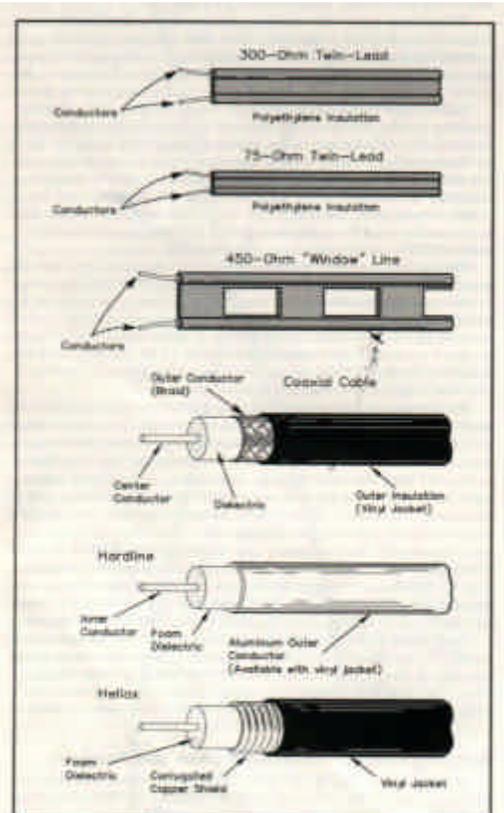
Little Bear Lake Campground

Glen & Grace Rayner
 Mile 67, Hanson Lake Rd via Prince Albert, SK, S6V 5Z5
 Phone: (306) 426-2280 (Summer) (306) 426-2281 (Winter)
 www.littlebearlake.ca email: littlebear@littlebearlake.ca

VE5LBL
 Custodian **VE5KRB**
 ve5krb@rac.ca



Ken, VE5KRB giving a talk on the use and care of batteries. The talk was well received and there was a great deal of conversation going on afterwards. Thanks Ken for a job well done.



These are the most common types of transmission lines you'll encounter in ham applications.

Q57-

Remember When?

