Spring......A time to reflect......and remember......
715 East Drive
Saskatoon, SK S7J 2X8
ve5aa@rac.ca

Saskatoon Amateur Radio Club Meetings are held usually on the 2nd Tuesday of each month September till June unless otherwise noted.

Our meeting location is Alvin Buckwold School
715 East Drive – West entrance

Meeting is 01:30 UTC (7:30PM local)

VISITORS AND GUESTS ARE ALWAYS WELCOME!

President       Gus Schmid VE5SPI
Past President   Vacant
Vice-President  Mike Miktyshyn VE5MMG
Secretary       Lou Curti VE5LOU
Treasurer       Heather Punshon VE5HAP
Director        Ken Bindle VE5KRB
Director        Mike Luciuk VE5MIK
Director        Nathan Mirva VE5NAT
Director        Bob Tower VA5BRT

Committees
Repeater                         Gus VE5SPI
Property and Assets Record      Club Executive
Training Coordinator           Ken VE5KRB
Public Service                  Club Executive
Sick and Visiting               Vacant
Field Day                       Vacant
Elmer                           Vacant
Trailer                         John VA5RJA
Space Club                      Mike VE5MIK, Al VE5MDC
SARC Net                        John VA5RJA
L.B.L. Rep                      Ken VE5KRB
Coffee                          John VA5RJA
50/50 Draw                      Nate VE5NAT
Feedline                        Mike VE5MIK
Web-site                        Bruce VE5BNC

NEXT CLUB MEETING
Tuesday, April 13th, 2010
7:30 PM
ALVIN BUCKWOLD SCHOOL
715 East Drive
West entrance

BE THERE!

COFFEE
Mulberry's Restaurant
Saturdays 9:00 AM
@Market Mall
Corner of Preston & Louise

Everyone is welcome. Hams, non-Hams, it doesn’t matter. We’re there to have good conversation with good friends.

C’mon out and visit!

NEXT ARES MEETING
1st Tuesday of each Month
7:00 PM
Co-op cafeteria
on Attridge Drive

Call in: 146.640-
LOCAL AREA REPEATERS
VE5SK  146.640- Saskatoon, SARC
VE5ZH  147.270- 2 MHz offset, Saskatoon, Auto Patch
VE5CC  146.970- Sktn. MARS. Linked to VE5SKN, VE5DNA, and IRLP node 1360. Link code 502*/503*
VE5SKN 145.940- Sktn MARS. 100Hz tone on xmt only. Linked to VE5CC. VE5DNA and IRLP node 1360. Link code 500*/501* ARES SAME wx Rcvr.
VA5LLR 145.390- Lizard Lake
VA5SV  145.330- Ridge East of Sktn
VE5RPD 145.190- Elbow/Davidson

IRLP NODE
1360 Hard linked to VE5CC UHF Hub (444.975 +5M) & available to VE5CC, VE5SKN and VE5DNA VHF repeaters when linked.

All the above repeaters are completely open.

APRS
VE5RHF  144.390 Saskatoon DIGI
VE5BNC-3 144.390 Saskatoon IGATE & SATGATE
VE5HAN-4 144.390 Hanley DIGI
VE5YR-4  144.390 Davidson DIGI
VE5YMJ-4 144.390 Eyebrow DIGI

ATV
VE5ATV  439.250 in 1277.250 out Saskatoon

PACKET
VE5BBS  145.010 Saskatoon BBS
VE5USR-3 145.010 U of S DIGI
VE5YR-7  145.010 Davidson DIGI
VE5HAN  145.010 Hanley DIGI
VE5TH  145.010 Regina BBS
VE5XXX  145.010 Prince Albert BBS
VE5MPK-2 145.010 Melfort Node
VE5MPK  145.010 Melfort BBS
VE5NEP-3 145.010 Minichinas DIGI

LOCAL AND REGIONAL NETS
Sask WX  80m  1400Z   3735 Khz
ARES (Sun.) 80m  1430Z   3735 Khz
Aurora    40m  2330Z   7055 Khz & 0200Z
Manitoba  80m  0000Z   3747 Khz
Montana Tfc 80m  0030Z   3910 Khz
Sask.     80m  0100Z   3735 Khz
Alberta   80m  0130Z   3700 Khz
Local Area 2m  0200Z   146.640-
B.C.      80m  0200Z   3727 Khz
Sask.     2m  0300Z   146.970- linked net 146.940-
80m YL Net  80m  0315Z   3755 Khz
Sundays
Prince Albert 2m  0330Z   147.150+
(All nets are daily except where noted)
All qualified Hams are welcome to check into any of these nets.

CONTESTS
Montana QSO Party
  0000Z, Apr 10 to 2400Z, Apr 11
Yuri Gagarin International DX Contest
  2100Z, Apr 10 to 2100Z, Apr 11
Ontario QSO Party
  1800Z, Apr 17 to 0500Z, Apr 18 and 1200Z-1800Z, Apr 18
QRP to the Field
  1500Z, Apr 24 to 0300Z, Apr 25

For a full calendar of contests see:
http://www.contesting.com
The meeting was called to order by President Gus VE5SPI @ 1930

President Gus VE5SPI called for acceptance minutes of previous meeting as published in the “Feedline”.
Moved by Eric VE5HG
Seconded by Derek VE5JDP
Carried

President Gus VE5SPI called for the reading of the treasurer’s report.
Heather VE5HAP informed members that we had $2802.79 in the bank.

President Gus VE5SPI informed members that the Duplexer for the Rock Point repeater was still proving difficult to tune so they have arranged to visit SED systems where equipment necessary to tune this duplexer is available.

Ken VE5KRB reported that he expects Six (6) new amateur radio operators on completion of the basic course and exam.

Bruce VE5BNC passed around a list for members to volunteer for the MS Walk which will be held on April 25th, 2010.

President Gus VE5SPI advised that there will be a request for the Club to assist with the Marathon again this year.

President Gus VE5SPI called for nominations for Treasurer and Vice President. Mike VE5MMG who had been previously nominated withdrew his name and nominated Nathan VE5NAT.

Ken VE5KRB requested the Club purchase a book on how to build a wind generator. Membership felt more research into this book would be required.

Bruce VE5BNC advised members that the first SABRE (balloon) launch would take place in May. This mission will include a Simplex Repeater and a competition to be advertised with awards of a certificate. Richard VE5RH and Sean VA5LF would act as mission recorders for the competition.
Date to be posted.

Ron VA5RON wanted to know the status of the Lizard Lake Repeater, he thought it might be down. Gus VE5SPI stated he would check status.

Ken VE5KRB advised membership that the Club would be installing a 6 meter beacon at the Little Bear site.

Ned VE5NED and Lou VE5LOU advised members present about the Ground search exercise with the ARES involvement held at MacDowell last weekend.

50/50 draw won by Ken VE5KRB

Motion to adjourn by Eric VE5HG

• A presentation was given by Dragganfly Innovations Inc. of their Dragganfly X6 surveillance helicopter. Well received and appreciated by a Club room full of Techies.
Well, here we are the Easter Weekend and I am trying to remember where March went! March was busy with Classes, work, family and finally some great weather. Our next meeting will have Sean VA5LF giving a presentation on working satellites and things like the Space Station this promises to be quite interesting and educational.

April will see our first Public Service project, The MS Walkathon. Contact VE5BNC for more info and to volunteer. Speaking of volunteering please give some thought to finding a few good people to run for the offices of Treasurer and Vice President they are the two executive positions that are coming up for election. If these positions are not filled we would have to surrender our Government standing as a non profit organization as our bylaws and their rules would be violated and I do not want to see the Club disbanded due to lack of interest from the members.

The Rock Point Repeater is up and running at VE5MMG Mike’s QTH and sounds pretty good thanks to Mike’s, Bruce, Al, and Ken’s efforts. Hope I did not forget anyone.

Nathan has volunteered to build a LED work light for the equipment cache at the Rock Point site. We hope to have this site up and running by the end of April weather permitting. We have been asked to provide radio communications for the Saskatchewan Marathon which will be on the last weekend in May. We will also hold a Club BBQ at the end of this event. The annual Field Day exercise is coming up for the end of June and we need some members to help plan and action this event.

Ken VE5KRB has been looking into placing a 6 meter beacon transmitter at Little Bear Lake site. He has been approached by the U of S who have also expressed an interest in this project. Contact Ken for more details. Well that is all for now. Enjoy the nice weather and see you at the meeting.

Gus VE5SPI

Nominations are requested for the executive positions of Vice President and Treasurer. Nominations will be accepted at future meetings. Become involved with your club and let your name stand for one of these two positions!
SABRE #9 High Altitude Balloon Launch

Spring is here and so we once again look to the sky with anticipation of a new season of High Altitude Balloon launches from Saskatoon. We are about to embark on Launch #9!

This launch will have the usual beacons and cameras on board but will also carry a simplex voice repeater in the 2 meter band. We would like to see just how far communications will reach with an 80,000 + ft. antenna support unit.

The repeater will be active on a frequency of 147.570 MHz.

Launch is set for 08:00 hours on May 8, 2010 from the park on East Drive behind Alvin Buckwold School.

The Saskatoon Amateur Radio Club will monitor the contacts made on the repeater and will issue a certificate for anyone wanting to have one mailed to them upon making a contact through the repeater.

We hope that everyone will experience the fun and excitement that we do with these balloon launches. So mark your calendar, tune up your radio and have a listen after 08:00 on May 8, 2010 and see how far you can go 2 meters!

Gus
VE5 SPI
SARSAV Exercise

Saskatoon ARES participated in a Search and Rescue Saskatchewan Association of Volunteer (SARSAV) exercise held at Macdowell in the Nisbet Forest on Feb. 27 and 28th. Lou, VE5LOU and Ned, VE5NED arrived at the Macdowell Lions recreation Centre at 15:30 Saturday morning. After introductions and signing in to get our ARES badges they had to figure out what to do with us!

They had minimal comms - old vhf Yaesu FT2008 handhelds wouldn't cover the 6.5 kms from the Base Camp to the Command Post at the Living Waters Church Camp South of Macdowell. So our role was to provide comms between those two areas. We had no info to our role, so we had minimal vhf equipment with us.

I had two HTX202 handhelds with a 12v. Optima battery--Lou had his Kenwood THF6 handheld and we quickly realized that wasn't enough. Another Ham who was taking part in the exercise loaned us his good mobile rig, antenna and Optima battery. With this installed at the Base camp, Lou was able to work cross-band repeat and be mobile in the building!

I was in a truck owned by the PA Fire Department which was warm and designed as a comms unit at the Command Post. We couldn't reach any repeaters in the area so used simplex on 144.520. Our comms were used mainly for information concerning transportation.

In this exercise two or three people(victims lost in the bush)were dropped by helicopter in the bush. Teams were assembled at the command post and searched for the victims. There were several snowmobiles, a tracked quad, and on Saturday afternoon, several light aircraft. All were found safely. Some had been made to look injured so different methods of retrieval were practiced. They even had a gunshot victim (pretend of course!) which took place in the Command Post area.

There were about 130 people involved. The RCMP member in charge said she had been doing this for 15 years! There was a large amount of Logistics involved--I counted at least 8 official positions all were well identified with colored vests and signage stating their responsibility.

This was a good learning experience for all. As ARES Operators we know that we must always be prepared----we had no info as to our role and surmised that we would be using their equipment. We found that we needed to take more radios --I had taken a complete HF station which we set up Saturday evening and enjoyed a few contacts on 80 meters.

Next exercise will necessitate taking better vhf equipment too. We had personal 72-hour packs along---the sleeping bags came in handy on those Red-Cross folding cots! Our meals were provided by the local"Lioness"group from Macdowell--great food,Ladies!

For a complete over-view of the exercise go to www.SARSAV.ca..Also see the pictorial layout in the Western Producer, pages 18 and 19 of the March 11 Issue.

Thanks for reading this.
73, Ned Carroll VE5NED

Special Event Station Kevin B. Clements CF3NAVY

2010 marks the 100th anniversary of the Royal Canadian Navy. I will be running a special event station with CF3NAVY. CF=Canadian Forces...had to use it :) Operations will be 160m thru 70cm (except 1.25m) Modes: AM, FM, SSB, SSTV, PSK, CW, RTTY,(everything except packet). Still trying to get permission to do some more operating off of Warship Haida. Operating dates will be 4 June - 3 July 2010...and will be in the contests. Canada Mint has put out a NAVY coin on 6 January 2010. Canada Post will be putting out two special Naval Anniversary stamps In May 2010...and they will go on the SASE envelopes for those that want it (well, those that green stamp it for an SASE). I saw the stamps March 4th. One is the old HMCS Niobe steamer with a sailor in the old uniform above the ship. The other is HMCS Halifax, one of the newer frigates with an image of a female sailor above the ship. Stamps also come in matching panes with an ocean background for larger envelopes. There is also the stamp with myself and the Canadian flag...just like the image on the top right corner of the CF3NAVY QRZ.com page. Special edition stamps of a limited number. Webpage will be constructed when I find somewhere to host it. I also hope to upload logs daily on the site. Otherwise, http://twitter.com/CF3NAVY
During this past winter, my wife (VE5 CU), and I had the opportunity to spend some time enjoying a warmer climate. The place in the sun was situated just west of the majestic Superstition Mountains in sunny Mesa, Arizona. Venture Out RV Park is an age 55+, meticulously planned community of 1,750 homes, 3,000 palm trees and a wealth of amenities and recreational activities, one of which, surprisingly to me, was Amateur Radio.

The Venture Out Amateur Radio club boasts a large membership and regularly holds classes and uses volunteer examiners to certify interested members of the community. The club is housed in the Electronics building, which also houses computer rooms and meeting rooms. If you’re a ham, you join the Electronics Club and your ham club membership is also included.

Coffee meetings were held each Saturday at 9 a.m. with formal presentations taking place or just time to talk. One of the presentations I attended was given by a retired pharmacist. During the past year he had been in Mongolia with a group of pharmacists assisting doctors in rural areas. Naturally he took an HF station along. His powerpoint presentation was definitely an insight into life in Mongolia.

The club’s room has three operating positions - 2 HF (a Kenwood station and an Icom FT 1000 station with amp) and one satellite station. A number of computers are also spread around the room and a well equipped workbench is in the corner. Entry to the club is currently by magnetic key card for paid members. Down the road, entry to all clubs and buildings will be through photo ID cards that have bar codes. Those bar codes would act as a key.

I was quite surprised to find an active ham radio club in the park but after talking to a number of the members, I found out that there are three other “retirement” parks in Mesa that also have fairly active clubs. I’ve included some pictures of the club station, etc. So if you’re looking to escape the Saskatchewan winters, be sure to check if they have a ham club. It’ll feel more like home.

You never know where you’ll find amateur radio.

Mike VE5 MIK
### Saskatchewan’s Cellphone Legislation

<table>
<thead>
<tr>
<th>Prohibited effective Jan. 1, 2010</th>
<th>Allowed</th>
<th>Not impacted by cellphone legislation</th>
</tr>
</thead>
</table>
| - Using a hand-held cellphone while driving for:  
  - making or receiving phone calls  
  - sending, receiving or reading text messages  
  - sending, receiving or reading emails  
  - surfing the Internet  
  - using 10-4 “push to talk” technology  
  - Hands-free cellphone devices while driving for new drivers\(^1\) | - Hands-free use of cellphones while driving for experienced drivers\(^2\), including:  
  - devices that clip to the visor  
  - headsets, either wired or wireless  
  - voice-activated devices  
  - devices built into the vehicle, such as OnStar or those with Bluetooth technology  
  - Bluetooth earpieces  
  - One-touch activation of a speakerphone feature on a cellphone placed within easy reach  
  - Making 9-1-1 calls on cellphones while driving, for both new and experienced drivers  
  - Making a call on a cellphone when parked on the side of the road, for both new and experienced drivers | - Electronic devices that are not cellphones, including but not limited to:  
  - GPS  
  - CB radios  
  - two-way radios  
  - MP3 players/iPods  
  - satellite radio  
  Note: Law enforcement still has the ability to charge distracted drivers with driving without due care and attention if they are putting themselves or other road users at risk. |

\(^1\) New drivers are drivers in Saskatchewan’s Graduated Driver’s Licensing (GDL) program.  
\(^2\) Experienced drivers are all drivers other than those in the GDL program.

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### Radio Equipment

I am looking for a good condition SX-190 Realistic receiver. Also have for sale 5 DX-160 Communication receivers, 2 are in good shape working, 3 are working for parts. Please call for more info.  
VE5LTD - Bob Wilks  
PH (306) 543-1275 (306) 543-1275 rwilks@accesscomm.ca
Saskatoon Amateur Radio Club
Field Day Checklist

- Appoint a chairperson in charge of Field Day
- Reserve Field Day site
- BBQ – need someone in charge of the BBQ
  - cost per person
  - BBQ transport/propane
  - Food purchase/refreshments
  - 2m net announcements/tally
- Line up generator/gas/oil & pick up/return
- Coffee/refreshments at trailer
- Trailer to and from site
- Schedule for operators
  - 2m net announcements/schedule
  - Set up/take down
- ARRL Field Day rules
- Field Day logging program
- Computer(s) for logging
- Guest/operator sign in book
- Name tags
- Transceivers
  - how many (2)
  - pickup/return
  - headphones
- Media informed about Field Day and location
- May & June Feedline notice of Field Day and at Club website
- Invitation to non club hams regarding Field Day – Club members could be asked to contact a non SARC member and invite them to Field Day/BBQ.
- Submit Field Day scores to ARRL
Announcements

Message from the President

Well here we are and another year of Amateur Radio activity within the Saskatoon Amateur Radio Club is fast drawing to a close. We have one more meeting and then the Field Day at the WDM. We have had a successful year with our public service events including the Santa Claus Parade, our classes, and other projects like assisting the Space Club. We hope to get the Rock Point Repeater back on the air this summer. Ken is arranging for another summer event at the Little Bear Lake site. My thanks to all those who have participated, helped organize and taken part in the club activities. The club is only as good as the effort put into it by the members.

The executive have received requests for an advanced class this fall and an antenna class. We need input from the membership to see who is willing to attend or help with these projects. If there is enough interest we will try to book space at the Club site to make it happen, so let us know your thoughts and wishes for the up coming year.

We have had a number of “Silent Keys” this past year and our thoughts and prayers go their families.

It is with sadness that I report that Les VE5LPP has resigned his post as editor of the Feedline. Les has done this for over 10 years and he has done an excellent job! I can remember when he was actually cutting and pasting up master sheets to be photo copied, collated, folded, stuffed into envelopes and mailed. We now have one of the best on-line newsletters in the province for Amateur Radio thanks to Les’s efforts. All one has to do is look in the archives on our website to see just what a great job he has been doing over the years. I would like to personally thank you, Les, for your hard work on the Feedline and I am sure I can speak for the membership as well. And may you enjoy your “retirement” from being our editor in chief of the Feedline.

Well summer has been trying to arrive although there seems to be quite a battle going on with old man winter who just seems to not want to let go. Hopefully field day will have great weather and everyone can enjoy the weekend.

I would like to wish everyone a great summer. Stay safe and enjoy!

Gus
VE5SPI

SARC New Mailing Address
Saskatoon Amateur Radio Club
c/o Alvin Buckwold School
715 East Drive,
Saskatoon, SK
S7J 2X8

Call for Articles
Have a story to share? An experience to relate? Some gear to review? A technical tip to dispense? Write it up, add a couple of appropriate photographs and send them off to VE5 MIK (mluciuk@sasktel.net) or (mluciuk@gmail.com) Hams reading The Feedline will thank you.

SARC 2010 Meeting Dates (subject to change)
April 13 May 11 June 8

Field Day 2010
June 26, 27

MS WALK - 2010
Once again the Saskatoon Amateur Radio Club has been asked to provide communications support for the Multiple Sclerosis WALK on Sunday April 25. The WALK runs from 10:00 to approximately 1:30 PM with setup beginning at 7:00 AM. We will be using a temporary repeater which will cover the route as well as a linked UHF frequency for communication in and around Archibald Arena. For those volunteering we ask that they be available and at their posts at the following times:

Archibald Arena - 07:30 AM Support Vehicles - 08:00 AM Tentative frequencies:
Mobile route volunteers (bikes, motorcycles, etc) - 09:00 147.360 (+600)
Rest Stops - 09:00 for first stop and 10:00 for last stop. 446.100 (Simplex)

Anyone wishing to help can contact Bruce, VE5BNC on the evening net or email the club. If you have a particular duty or location you’d like, please let me know and I’ll do my best to accommodate you.

Bruce, VE5 BNC

Volunteers needed

Always The Fourth Full Weekend In June
Call for Volunteers and a Field Day Coordinator
Field Day checklist appears in this month’s Feedline

APRIL 17 Flea market

Moose Jaw Western Development Museum
Little Bear

The map of the 50 mhz. beacons of North America has an X marking the spot where Little Bear Lake will have a 50 mhz. beacon in the near future. The only thing we need to install is a reliable wind generator (we have a tower) to supplement our solar panels. Last year we had only 30% sunshine due to very cloudy conditions. We topped up the batteries last Oct. with the diesel plant. With both repeater & the beacon on 24/7 our estimated current drain is 1 amp (14 watts), the solar panels at best are 15 watts. Since 14 watts is continuous it is clear that at night we will be behind in battery capacity.

The U. of S. Atmospheric Studies Group (Dr. George Sofko) is very interested in our beacon project. It could supplement their HF Aurora Radar network with data that this beacon could provide. They have very little VHF aurora propagation info.

We would no doubt get world wide exposure from both the Amateur Radio Group as well as from the world wide HF Aurora Radar Group with the U. of S. association.

Little Bear Lake could become the Little Bear Lake Amateur Radio-Physics Station. This would revive the activities the Saskatoon A.R.C. had in the ‘50s & ‘60s with their Research Division (see FROM SPARKS TO SPACES). This would be under the S.A.R.C. Inc.

Ken Bindle
VE5KRB
Dave Glass Award

This award is to be presented by the Saskatoon Amateur Radio Club on a yearly basis (if warranted) in honour of Dave Glass (VE5MG), who became a silent key in 1988.

Dave was a true ham. Always helpful -- home brew was his approach to ham radio equipment, or modifying it to make it work properly. From tubes to semiconductors, his workmanship and designs were second to none, as many older hams can attest to. Even to this day a satellite is still flying with his one-of-a-kind power supply transformer that a high profile commercial aerospace company was not able to duplicate.

The Dave Glass Award nominees should have some of the following attributes that really make amateur radio a technical, fun hobby:

• Always helpful to other hams in Saskatchewan

• Be able to construct, modify or design ham equipment such as receivers, transmitters, oscillators, antennas, (home brew). Some photos would be nice.

• The nominee shall be active in advanced and full privilege amateur radio service and hold a current VE5/VA5 call sign.

• Be an experimenter at heart in amateur radio technology.

• Be a resident of Saskatchewan.

This award trophy will have a keeper plaque that the individual will retain but the larger trophy will be returned or retained by the Saskatoon Amateur Radio Club for the next presentation. This award can only be awarded once to an individual and shall be open to all qualifying hams in Saskatchewan. The award will be presented at either a S.A.R.L Ham Fest or at a North American Field-day event. Thus the nominations shall be in by June 1st of any year, and sent to VE5AA or VE5KRB by e-mail or mail. Check the Saskatoon Amateur Radio Club Inc. web site.

Send nominations to either ve5krb@rac.ca

or ve5aa@rac.ca
NOMINATION FORM
Dave Glass Award

Date: ______________________

Name of nominator: ____________________________________________

Name of nominee: ______________________________________________

Call sign: ______________________

Address: ______________________________________________________

______________________________________________________________

______________________________________________________________

HISTORY OF NOMINEE:

Current activities:

Add some photos: