

VE5AA

March 2006

The Feedline

SASKATOON AMATEUR RADIO CLUB





Saskatoon Amateur Radio Club

P.O. BOX 751
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<http://www.sarl.ca/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!**

NEXT CLUB MEETING

**Tuesday, March 14, 2006
7:30 PM**

**ALVIN BUCKWOLD SCHOOL
715 EAST DRIVE
WEST ENTRANCE**

BE THERE!

Contests

04/05 Mar ARRL Int. DX SSB
04/05 Mar Open Ukraine RTTY Champ.
11 Mar QRP contest CW
18/19 Mar Russian DX MIX
19 Mar 9K Contest MIX
CQ WW WPX SSB

For further information on contests
please check TCA, CQ or QST
magazines.



**ARES
Saskatoon**

NEXT ARES MEETING

**Monday, March 20, 2006
7:00 PM**

#9 FIREHALL

<http://www.ares-saskatoon.ca/>

COFFEE

**Tomas Cook
Restaurant**

**Saturdays 9:00 AM
Idyllwild & 24th 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!

Saskatoon and Area Frequencies

March 2006

LOCAL AREA REPEATERS

VE5SK	146.640-	Saskatoon SARC
VE5SCA	146.940-	Saskatoon
VE5ZH	147.270-	2 MHz offset, Saskatoon, Auto Patch
VE5FUN	145.290-	Sktn 100Hz tone, IRLP node 1340, IPARN, Terrestrial Net, Remote base, tied to VE5CC
VE5CC	146.970-	Sktn. Linked 100Hz Tone IRLP node 1340, IPARN, Terrestrial Net, Remote base, tied to VE5FUN
VE5SKN	145.210-	Sktn 100Hz tone, MARS IRLP node 1350
VE5FS	448.000-	No tone access Autopatch
VE5BRC/1	147.240+	North Battleford
VE5RPA	147.150+	Bellevue to PA
VA5LLR	145.390-	Lizard Lake Permanently linkd to VA5SV
VA5SV	145.330-	Ridge East of Sktn Permanently linked to VE5LLR

ATV

VE5ATV	439.250 in	1277.250 out Saskatoon
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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
VE5ADR-4	144.390	Avonlea	DIGI

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	3753 Khz
ARES (Sun.)	80m	1430Z	3753 Khz
Aurora	40m	2330Z	7055 Khz
		& 0200Z	
Manitoba	80m	0100Z	3747 Khz
Montana Traffic	80m	0030Z	3910 Khz
Saskatchewan	80m	0100Z	3744 Khz
Alberta	80m	0130Z	3740 Khz
Local Area	2m	0200Z	146.640-
B.C.	80m	0200Z	3727 Khz
Saskatchewan	2m	0300Z	146.970-
80m YL Net	80m	0315Z	3755 Khz
		1 st and 3 rd Tuesdays	
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



Saskatoon Amateur Radio Club

Saskatoon Amateur Radio Club
Meeting Minutes
February 21, 2006, 7:40pm

Chaired by Ron VE5RMS

Correction to January Minutes:

Little Bear Lake Weekend should be the second weekend in June which would be June 9,10,and 11 (instead of June 2, 3 and 4 as printed). Ken VE5KRB supplied the executive a high tech calendar to help aid in planning future events. Thanks Ken.

Motion to accept the January meeting minutes as circulated in the Feedline, made by Ned VE5NED, and seconded by Les VE5LPP.

Treasurers Report: presented by Al, VE5MDC.

Public Service:

Guides on the Air (Feb 17) - presented by Ned VE5NED

The Thinking Day Tea was a big event at Walter Murray, of which one item in the whole event was the Guides on the Air. Ned put up a 2-meter antenna on roof with the help of Derek VE5SD and they worked IRLP. Ron, Jim, Cathy, and Ned worked with half a dozen girls and had a good long QSO with a station of guides in Barrie Ontario. Seemed to be more activity on echo link, but they did not have access to that at the school setup.

Sask Marathon (May 28) - no update as of yet.

Meeting Night Programs:

- Gus VE5SPI will ask Cameron to do his RCMP presentation in March.

- A request was made to learn more about IRLP (ask Derek to do a presentation in April) Ron will contact Derek to ask. Questions were raised about how to find out node numbers and the suggestion was to go to the IRLP website where you could download an adobe PDF file that has the node information (<http://www.irlp.net>)

Other Business:

Ned VE5NED mentioned that Industry Canada article RIC-9 indicates that amateurs who move to another province and thus change prefix locations must now apply to change their prefixes to match accordingly. There will be no charge for this call sign change.

Pioneer Threshermen's Club – Peter received a letter asking if we wanted to do another flea market sale on Saturday March 18th at \$12 to \$15 per table. Les VE5LPP moved that we forgo the spring flea market and consider the fall instead. Seconded by Chris VE5QV. Motion Carried.

Dayton Hamfest - Les mentioned a ham is looking for a traveling partner to drive down to the Dayton Hamfest. Contact Brent VE7HBR from Davidson (pksask@sasktel) if you are interested.

SARC Elections - will be announced in the March Feedline. The positions open will be for Vice President, Treasurer, and Directors #2, #3 and #4 (currently Nathan , Per & Ned). We will be looking for nominations at the SARC meetings in March and April, followed by elections during the April meeting.

Presentation was made to Ken Bindle VE5KRB for the Dave Glass Award.

Ken mentioned that we should start the process of selecting the next candidate for the Dave Glass award prior to the mini hamfest at Watrous in June. We need something in writing along with pictures according to guidelines on SARC website. Remember that this is a province wide award.

Upcoming Hamfests:

May 19-21 - **Dayton Ohio Hamvention**

July 8 - **Saskatchewan Mini-Hamfest 2006**. - Watrous, SK
Manitou Springs Hotel & Convention Centre, Watrous, SK (<http://www.sarl.ca/>)

July 14-16 - **Glacier-Wateron Hamfest** July 14-16)

We have no information whether there will be a Moose Jaw flea market at this time.

RAC website – has a problem for navigating down to the SARC site, but Al VE5MDC has already raised the issue to RAC with no response as of yet.

Ken VE5KRB asked if there was interest in earning some potential income by creating a calendar and selling them to people on the Internet. Make an 18-month calendar. Ask for submission of photos from each jurisdiction.

ARES meeting attendance is currently very low.

50/50 draw won by Bob VE5NFG.

Les Motion to Adjourn at 9 pm.

A very good presentation by Peter VE5JZ on repeaters followed. Thank you Peter

Terry VE5HF
Recording Secretary



Operating the Amateur Station (Part2)

Over the next few months we will be publishing the section, "Operating the Amateur Station" from the RAC Operating Manual. I would like to thank RAC and the editor of the manual, Doug Leach VE3XK for giving us permission. Ed

4.3. IDENTIFICATION

4.3.1. Identification Intervals

As mentioned before, a distinctive call sign is assigned to each station and shall be used to identify that station. Amateurs must identify their stations in English or French:

1. at the beginning of each exchange of communications or test transmission,
2. at the end of each exchange of communications or test transmission, and
3. at intervals of no more than 30 minutes during the exchange of communications.

4.3.2. Methods of Identification

At one time, amateurs were allowed only three methods of identification - by CW, phone or an ASCII mapping in the header of a packet transmission. The regulations have been amended so that any method is acceptable. For instance, an amateur who is transmitting slow scan television (SSTV) frames could identify with the call sign within the series of frames that are transmitted.

4.3.3. Automatic Repeater Identification

Automatic repeater stations may identify in the International Morse code, usually at a reduced audio level so that users may continue to communicate without interruption. However, voice identification using an endless-loop recording, or a "digitalker" is also acceptable. Of course, repeater users are required to identify their transmissions.

4.3.4. Portable and Mobile Station Identification

When operating portable or mobile, the

station shall be identified by the assigned call sign. It is common practice, when the portable station is operated in another call sign area, to identify, while operating phone, with the call sign followed by the word "portable" and the call sign prefix for that area. While operating mobile, the operator will use the word "mobile" instead of "portable". For example, "VE3XYZ PORTABLE 4" or "VE3XYZ MOBILE 4" means that the station is licensed in Ontario but is operating in Manitoba for the time being. CW operators use the slant sign ("*l*") instead of the word "portable" or "mobile."

4.3.5. Abbreviated Call Signs

There is no regulation prohibiting the use of abbreviated call signs as long as the full call sign is used at the required intervals as prescribed in the regulations.

4.3.6. Phonetic Identification

In phone communications it is recommended that phonetic equivalents of the individual letters be used if there is a possibility of misunderstanding or confusion when the normal pronunciation of the letters is used.

4.3.6.1. Phonetic Alphabet

There are numerous phonetic alphabets, and there is nothing to prevent an amateur from developing his own, providing he will be understood by the other amateurs he is communicating with. A phonetic alphabet is, of course, only required in phone communications and is intended to be used only to avoid misunderstandings when communications become difficult because of interference or poor reception. It is recommended that amateurs use the phonetic alphabet set out below. This phonetic alphabet was developed by the International Civil Aviation Organization (ICAO) for use in international aviation communications and has been adopted by most other radio services.

A – Alfa (**AL** FAH)
B – Bravo (**BRAH** VOH)
C – Charlie (**CHAR** LEE)
D – Delta (**DELL** TAH)
E – Echo (**ECK** OH)
F- Foxtrot (**FOKS** TROT)
G – Golf (**GOLF**)
H – Hotel (HOH **TELL**)
I – India (**IN** DEE AH)
J – Juliet (**JEW** LEE ETT)
K – Kilo (**KEY** LOH)
L – Lima (**LEE** MAH)
M – Mike (**MIKE**)
N – November (NO **VEM** BER)
O – Oscar (**OSS** CAH)
P – Papa (PA **PAH**)
Q – Quebec (KWEE **BECK**)
R – Romeo (**ROH** ME OH)
S – Sierra (SEE **AIR** RAH)
T – Tango (**TANG** GO)
U – Uniform (**YOU** NEE FORM)
V – Victor (**VIK** TAH)
W – Whisky (**WISS** KEY)
X – X-ray (**ECKS** RAY)
Y – Yankee (**YANG** KEY)
Z – Zulu (**ZOO** LOO)

1 – Wun
2 – TOO
3 – THU-REE
4 – FOWER
5 – FIFE
6 – SIX
7 – SAY- VEN
8 – ATE
9 – NINER
0 – ZEE-ROE

4.3.7. Round Table Communications

A common practice in amateur communications is the “round table.” A round table occurs when three or more stations share a frequency. Usually they are informal, expand and contract on the whims of the operators, and rarely have set rules as to priority of communications. It is not necessary to give the call signs of all participants when identifying: it is sufficient to give the call

sign of the station which is to continue the communication, and an indication that there are more than two stations in the group. e.g. “VE3XYZ AND THE GROUP, THIS IS VE3ZYX”. With such a procedure, unnecessary time is not spent on identifying each individual station, and there is no confusion as to who is to transmit next.

4.3.8. Calling and Replying

There is a general format for calling another station and replying to a call which is used by all services using radio, with only slight variations to meet the peculiarities of some services. The identification (call sign) of the other station should always be given first, followed by the identification of the transmitting station. Remember, your intent is to get the attention of the other station, so get his call out first. This also applies in the case of CQ calls. When attempting to establish communications, it is normal to use a “3 by 1” call repeated three times, unless it is known that a shorter call will suffice.

Examples:

Radiotelegraph (CW):
“CQ CQ CQ DE VE2ZZZ (repeated 3 times)
K”

(“DE” comes from the French word meaning “from”)

Phone:
“CQ CQ CQ THIS IS VE2ZZZ (repeated 3 times) GO AHEAD (or STANDING BY)”

The reply to such a call would be:

Radiotelegraph (CW):
“VE2ZZZ VE2ZZZ VE2ZZZ DE VE3XXX
VE3XXX VE3XXX K”

Phone:
“VE2ZZZ VE2ZZZ VE2ZZZ THIS IS
VE3XXX VE3XXX VE3XXX OVER (or
GO AHEAD)”

Do not send a long series of CQ or call signs, as this shows inexperience and is a poor operating practice.

Club elections coming in April

The following positions are coming up for election at the April monthly meeting: Vice-president (John Anton VA5RJA), Treasurer (Al Labbie VE5MDC), and Directors three (Nathan Mirva VE5NAT) and four (Per Jacobsen VE5PER). Ned Carroll VE5NED, (Director two) is moving out of town and is giving up his position, so it also will be up for grabs.

Nominations will be taken at the March meeting and nominations followed by the vote will be done at the April meeting. Anyone wanting to run for office, must have a club member in good standing as their nominator.

Nominations for the Dave Glass Award due in by June 1



Nominations for the Dave Glass Award must be received by the Saskatoon Amateur Radio Club by June 1. A picture of the nominee and a rundown of their Ham accomplishments would be greatly appreciated.

Send nominations to either ve5krb@rac.ca or ve5aa@rac.ca.

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 should be active and an advanced and full privileged amateur and hold a current VE5/VA5 call sign.
- Be an experimenter at heart in amateur radio technology.
- Be a resident of Saskatchewan.

The award trophy will have a keeper plaque that the individual will retain. This award can only be awarded once to an individual and shall be open to all qualifying hams in Saskatchewan.

S.A.R.C. and Space Club Project

On Saturday Feb 4, 2006 the Space Club meeting was attended by Gus VE5SPI, Ken VE5KRB, Al VE5MDC and Ned VE5NED.

The project presented to the members of the space Club was a code practise oscillator kit provided to each participant.

There were approx. 15 students present. With the help of the SARC members and Space Club teachers and staff the kits were assembled and soldered following a step by step power point presentation. After approx. two hours the distinct beep of Morse code could be heard throughout the class room. Every kit worked! (a couple needed a little TLC) The students were very pleased with the finished product and were ready to show their parents what they had built. The Space Club provided them with handouts about Morse Code and provided them with a copy of the alphabet, numbers and punctuation. A good time was had by all and the hobby of Ham Radio was promoted to a much younger generation. We can hope that a few will carry their interest forward and eventually earn their ticket.

Gus VE5SPI
