

VE5AA

December 2005

# The Feedline

SASKATOON AMATEUR RADIO CLUB

*Merry Christmas*





Saskatoon Amateur Radio Club

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<http://www.sarl.ca/ve5aa>

**Saskatoon Amateur Radio Club  
Meetings are held the 2<sup>nd</sup> 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!**

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## **NEXT CLUB MEETING**

**Tuesday, Dec 13, 2005**

**Our Christmas party is  
being held at the Cave.  
Check elsewhere in  
The Feedline**

## **Contests**

**Dec 2-** ARCI Topband Sprint 0000Z  
**Dec 2-** ARRL 160-Meter Contest 2200Z  
**Dec 3-** Wake-Up! QRP Sprint 0400Z  
**Dec 5-** CIS DX Contest CW 0000Z  
**Dec 7-** ARS Spartan Sprint 0200Z  
**Dec 11-** 28 MHz SWL-Contest CW/SSB  
0000Z  
**Dec 11-** 28 MHz SWL-Contest CW/SSB  
0000Z  
**Dec 11-** ARRL 10-Meter Contest 0000Z  
**Dec 17-** AGB PARTY Contest  
CW/SSB/DIGI 1700Z  
**Dec 17-** RAC Winter Contest 0000Z  
**Dec 26-** DARC Christmas Contest 0830Z

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



**ARES  
Saskatoon**

## **NEXT ARES MEETING**

**Monday, Dec 19, 2005  
7:00 PM**

**#9 FIREHALL**

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

## **COFFEE**

**Tomas Cook  
Restaurant**

**Saturdays 9:00 AM  
Idyllwild & 24<sup>th</sup> 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

## December 2005

### LOCAL AREA REPEATERS

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

### ATV

<b>VE5ATV</b>	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 <sup>st</sup> and 3 <sup>rd</sup> 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



## **S.A.R.C. Meeting Minutes November 8, 2005**

VP John VA5JRA called the meeting to order at 19:34.

Membership was asked to verify the minutes of the last meeting. It was noted that the date for the Christmas party in the last newsletter was wrong on the last page. Motion was made by VE5LQ Don to accept the minutes as amended. Seconded by VA5WDB Warren. Carried

AI VE5MDC gave treasurer's report. Motion to accept was made by VE5NED Ned and seconded by Ken VE5KRB. Carried

Class update given by VE5NED Ned. He advised the class would start on 05-11-10 at 19:00 at the Club Meeting room. Cost of the class is \$100.00 and includes the manuals, question bank, and membership in the club.

Herb VE5HE advised that code classes had started on Wednesday nights at 19:00 in the Club Meeting Room at the school.

Peter VE5JZ gave a report on the Flea Market held at the Western Development Museum. In all \$79.00 was received from the purchase of items provided by club members as donations to the sale. The cost of the table was \$12.00 for a net of \$67.00 for the Club. There were numerous items left that are being stored for the next sale.

Gus VE5SPI who advised the planning was continuing and the parade was going ahead on 05-11-13 at 13:00 starting at 19th St. and 3rd Ave gave Santa Parade report. A total of 23 hams would be needed and set-up time would begin at 10:30 in front of the Provincial Courthouse on 19<sup>th</sup> St. Warren VA5WBD will be acting as net control for the event assisted by Herb VE5HE.

The membership was asked for ideas for programs for future meetings. Some ideas were a project night where EMO would be discussed, Tuning of equipment antennas, repeater training for procedures for using IRLP, HF operation for those hams who are just beginning on the HF portion of the Spectrum. Another suggestion was a kit building night. VE5BNC Bruce gave a report on the Hanley APRS digi was again up and running after some repair work.

We were advised that Ingrid Benning had been contacted, as she is the Space Club co-ordinator. We will continue to use the room as our meeting room. Space Club will be doing robotics classes in the area and so it was felt that it would be prudent for us to remove the station hardware until the classes were complete.

VE5MDC and VE5RJA advised that two tower guys on the roof were in need of repair as the anchors had broken free. The Vertical 2 meter antenna base had been repaired and was once again vertical.

VA5WDB Warren advised that he had made the reservation at the Cave for our Christmas dinner meeting again this year. The event will be held on 05-12-13 at 17:30.

Meal will be your choice from the menu. He will need a count of those attending by the Saturday before the event. There will be a gift exchange for those who wish to participate in it. Gift to be valued at no more than \$10.00. Please contact Warren to let him know if you will be attending.

Club was advised of the passing on of the wife of VE5RMS Ron.

VE5NFG Bob is in RUH Hospital  
VE5HG Eric is in City Hospital

Gus VE5SPI gave report on the status of the VE5SK repeater. It is working, Ken VE5KRB has repaired the old amplifier from the original Motorola unit. When time permits the duplexer will be retuned to see if the "howling" can be eliminated that gets into the system from time to time.

Ken VE5KRB advised he had antennas and mounts for sale and a catalogue from Prairie Battery available for anyone who wanted a copy.

Ve5LPP Les advised he had new membership cards to hand out for members who were paid up with their dues.

Motion to adjourn was made by VE5LPP Les at 20:38  
Minutes by Gus VE5SPI

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## **What do the new regulations mean to me?**

If you received your Basic Licence before April 2, 2002, you are permitted to operate on the HF bands.

If you received your Basic Licence after April 1, 2002, you will have to show that you received a mark of 80% or better on the exam. If you fall under this category, get a

hold of the accredited examiner who examined you and have him give you a copy, which should then be faxed to the Amateur Radio Service Centre at (613) 991-5575.

If you took the exam after April 1, 2002 and your mark was lower than 80%, you can either rewrite and get the 80%, or pass the 5 WPM code exam.

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## SuitSat Readies for Operation on 145.990 MHz



Now is the time to begin preparing your amateur radio station to receive signals from SuitSat, the most unusual Amateur Radio satellite ever orbited. SuitSat amateur radio equipment will be installed inside a surplus Russian Orlan spacesuit. It will become an independently orbiting satellite once it is deployed by the crew of the International Space Station during an extravehicular activity, tentatively planned around December 8, 2005.

Running only on internal batteries within the spacesuit, SuitSat will have a limited, but interesting lifetime beaming down special messages and an SSTV image as it floats in space. Having no external thrust to adjust its orbit after it is hand-deployed during the EVA, SuitSat will be in a free-floating, but decaying orbit around Earth. It is

expected to remain in orbit up to 6 weeks after being deployed.

The image on the left shows SuitSat in its flight configuration. You can see the electronics control panel on the top of the helmet along with the SuitSat antenna. A new handle has been added around the midsection of the suit (black stripes). The handle is an important addition that will allow the astro/cosmonaut launching the suit to move it safely. [Photo credit to Steve Bible N7HPR - Thanks Steve!]

SuitSat's transmissions will include special international voice messages, spacesuit telemetry, and a pre-programmed SSTV picture on its 145.990 MHz FM downlink. If you have already received the packet station or heard the ISS crew on 2-meter voice, then you already have most of what you need. Amateur radio signals from the ISS can be received with a 2 meter vertical antenna so an elaborate tracking system is not necessary. The SSTV signal can be decoded with personal computer SSTV software after you connect your computer to the speaker output of your radio.

See the complete article including additional SuitSat photographs at:

<http://www.amsat.org/amsat-new/articles/SuitSat/>

Also see the article "This Is SuitSat-1 RS0RS" by Frank Bauer,KA3HDO at:

<http://www.amsat.org/amsat-new/articles/BauerSuitsat/index.php>

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“Support wildlife. Throw a party.”

## 15<sup>th</sup> Annual Santa Claus Parade



The sun was shining. The wind was almost zero. The temperature was just -5 C!!

Great day for a Santa Claus Parade! This year there were 22 Ham operators from the city and from outside the city that helped to make the parade a great success. Judging from the smiles on the children's faces and even on the adult's faces I would judge the event to be a success. There were almost fifty entries in this year's parade. Eight Hams were assigned to lining up the entries for the parade. This is no easy feat given the size, type and number of entries. It includes everything from horses and buggies to semi trailers with musicians on board. Two were assigned to Net Control and one to the Shaw Cable mobile video studio; the remainder were stationed at various intersections on the parade route watching traffic and the children who were awaiting the appearance of the big fellow in the red coat. One lucky Ham was able to ride in the Police

cruiser at the head of the parade. The portable repeater worked well and communications with the parade marshal was solid. The organizers were very happy to have the Ham operators assisting and had nothing but praise for our efforts. After the parade a lunch was provided in the boardroom of the Midtown mall. All the volunteers were provided with red ear warmers and later at the lunch they were given a carry bag, coffee mug and T-shirt. Door prizes were drawn at the party. These consisted of \$25.00 gift certificates for use in any mall merchant. The volunteers had a great time and everyone was already looking forward to next year's event.

I would like to thank everyone who attended and assisted in making this event such a great success. I was also asked by Dave Rau, committee chairman, to pass along his thanks to the Hams for their participation in the parade it was very much appreciated. He feels that without the help of the Ham operators the parade would not run as smoothly or as safe as it does. The following is a list of the Hams who helped make this event happen:

VE5BNC Bruce, VE5SPI Gus,  
VA5WDB Warren, VE5HE Herb,  
VE5RGM Bob, VE5JZ Peter, VE5QV  
Chris, VE5LEE Lee, VE5APD Andy,  
VE5NED Ned, VE5MDC Al, VE5PER  
Per, VE5HF Terry, VE5SU Len,  
VE5RJA John, VE5GAM Glen,  
VA5DSB Diane, VE5IX Wally,  
VE5BPS Barry, VE5NEK Neil,  
VE5CUL Brian, VE5BKR Kevin.

73 Gus VE5SPI

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**“NEW”**

## **HF 80 METRE YL NET**

**Started Tuesday, November 15<sup>th</sup>!**

**Net Night:** 1<sup>st</sup> and 3<sup>rd</sup> Tuesday evenings

**Frequency:** 3.755MHz + or – QRM (This frequency enables the U.S. ladies to check-in.) If this frequency is occupied, look for us slightly up or down and transmit your call sign during a break! If this part of the band is too busy, we may have to go below 3.750MHz.

**Time:** 3:15 UTC (9:15PM Sask. or 19:15hrs BC Time)

**Net Control:** Elizabeth VA7TK (This is my HF call sign!)

Elizabeth will be net control for the first two or three nets. After this, more net control volunteers will be needed to run this net.

**Keep in mind that the band may be noisy, and since we are near the bottom of the sunspot cycle it may mean that Net Control may have to call on YLs who can hear the other station better to do some relaying.**

We regret that we were not able to select a day or time convenient for all YLs interested in this HF 80M YL Net whenever, you do have a free Tuesday evening, we would like very much for you to join us!

**Since there will be no email reminding everyone of this net, please mark the 1<sup>st</sup> and 3<sup>rd</sup> Tuesdays down on your calendar or put a reminder note on your transceiver.**

**WE NEED EVERYONE TO CHECK-IN!!!!**

**33 Elizabeth VA7TK/VE7TLK**



# Christmas Party

Where	The Cave
When	Dec 13 <sup>th</sup>
Cocktails	5:30 PM
Dinner	6:00 PM

If you wish to participate in the gift exchange  
bring a gift of \$10 or less.

Contact Warren OA5WB at  
934-2604  
or  
[wd.beaule@sasktel.net](mailto:wd.beaule@sasktel.net)