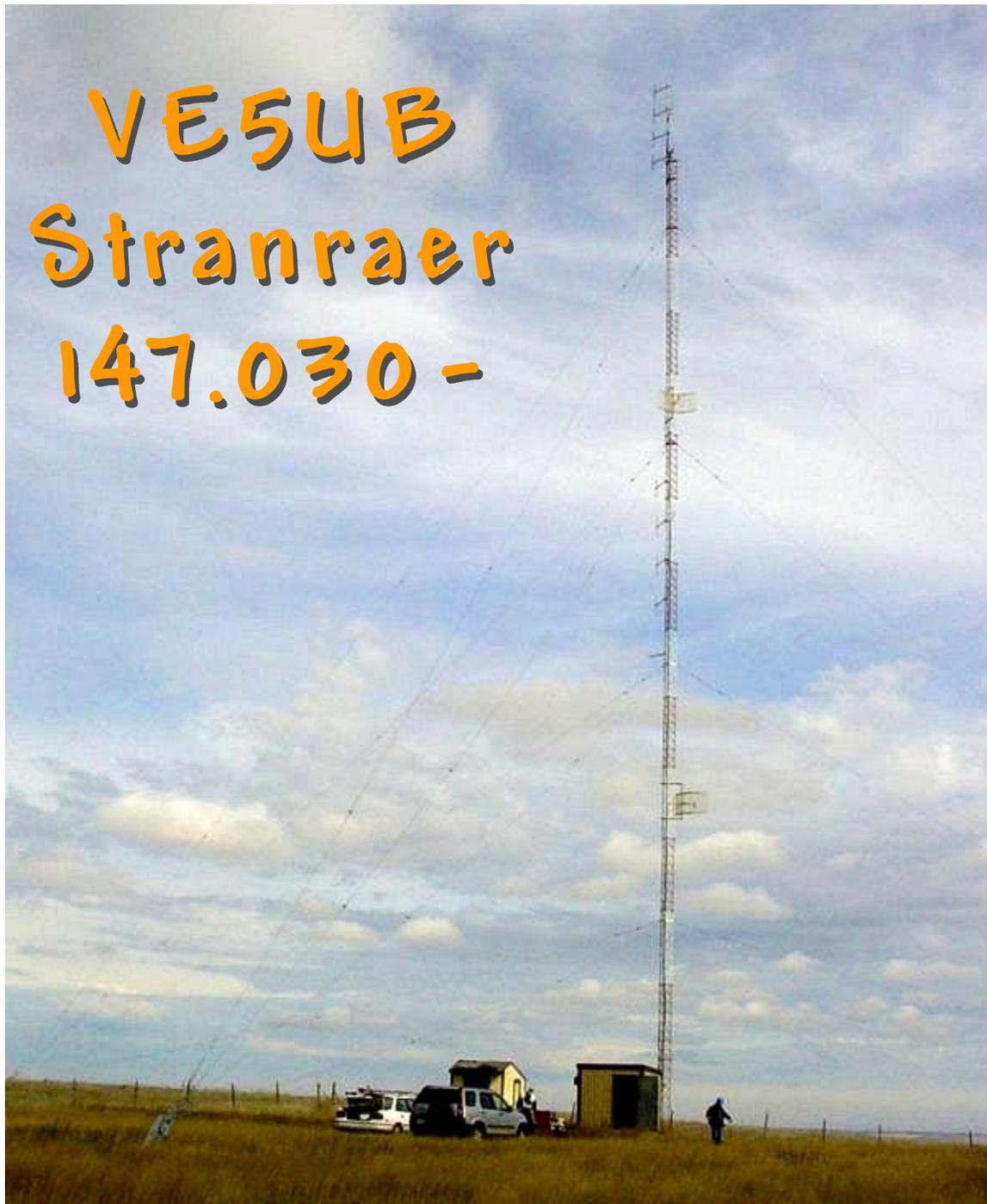


VE5AA

October 2004

The Feedline

SASKATOON AMATEUR RADIO CLUB





Saskatoon Amateur Radio Club

P.O. BOX 751
Saskatoon, SK S7K 3L7

ve5aa@qsl.net

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!**



**ARES
Saskatoon**

NEXT ARES MEETING
Monday October 18, 2004
7:00 – 9:00 P.M.

#9 Firehall
870 Attridge Dr.

Talk in 146.640-
<http://www.ares-saskatoon.ca/>

NEXT CLUB MEETING

**Tuesday, October 12, 2004
7:30 PM**

**ALVIN BUCKWOLD
SCHOOL**

715 East Drive
West entrance

BE THERE!

Contests

Oct 2 TARA PSK Rumble Contest

Oct 6 YLRL CW Anniversary Party

Oct 7 SARL 80m QSO Party

Oct 10 FISTS Fall Sprint

Oct 16 Worked all Germany Cntst

Oct 17 Illinois QSO Party

Oct 23 W/VE Islands QSO Party

Oct 24 FISTS Coast to Coast Prty

Oct 30 CQ Worldwide DX Contest

Oct 30 10-10 Int. Fall contest

*For further information on contests
please refer to TCA, QST and CQ
magazines.*

COFFEE

**Thomas Cook
Restaurant**

**Saturdays 9:00 AM
Idyllwild & 24th St.**

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!

SASKATOON AMATEUR RADIO CLUB VE5AA

October 2004

EXECUTIVE

President Ron Sather 384-5093
VE5RMS

Past President Andy Paquet 931-1614
VE5APD

Vice President John Anton 653-0919
VA5RJA

Secretary Herb Essenburg 374-4337
VE5HE

Treasurer Al Labbie 373-3188
VE5MDC

Directors

Warren Beaulé VA5WDB 934-2604

Ned Carroll VE5NED 382-1446

Terry Shuya VE5HF 374-4240

Per Jacobsen VE5PER 244-5210

Repeaters Gus VE5SPI

Eric VE5HG

Property Al VE5MDC

Training Co-ord. Ned VE5NED

Public Service Executive

Sick & Visiting Ron VE5RMS

Field Day Vacant

Elmer Herb VE5HE

Trailer Ron VE5RMS

Space Club Vacant

SARC Net Bill VE5DN

L.B.L. Rep. Ken VE5KRB

Coffee Vacant

50/50 Draw Nate VE5NAT

Feedline Les VE5LPP

Web-site Bruce VE5BNC

VE5SKN 145.290- Saskatoon MARS
VE5STV 146.790- Saskatoon
VE5FS 448.000- CFCSS tone access
VE5UB 147.030- Stranraer

ATV

VE5ATV 439.250 in 1277.250 out

APRS

VE5RHF 144.390 Saskatoon APRS

VE5DPR-4 144.390 Davidson DIGI

PACKET

VE5YR-7 DIGI 145.010 Davidson

VE5HAN DIGI 145.010 Hanley

VE5TH BBS 145.010 Regina

VE5XXX BBS 145.010 Prince Albert

VE5MPK-2 Node 145.010 Melfort

VE5MPK BBS 145.010 Melfort

VE5NEP-3 DIGI 145.010 Minichinis

VE5USR-3 DIGI 145.010 U of S

VE5BBS BBS 145.050 Clubhouse

LOCAL AND REGIONAL NETS

Sask WX 80m 1400Z 3753 Khz

ARES (Sun.) 80m 1430Z 3753 Khz

Aurora 40m 2330Z 7055 Khz

& 0200Z

Manitoba 80m 0000Z 3760 Khz

Saskatchewan 80m 0100Z 3744 Khz

Alberta 80m 0130Z 3740 Khz

Laurel Ladies 80m 0130Z 3752 Khz

Tue, Thur & Sat

Local Area 2m 0200Z 146.640-

B.C. 80m 0200Z 3729 Khz

Saskatchewan 2m 0300Z 146.970-

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.

LOCAL AREA REPEATERS

VE5SK 146.640- Saskatoon SARC

VE5CC 146.970- Saskatoon linked

VE5SCA 146.940- Saskatoon long range

VE5BRC/1 147.240+ Lizard Lake

VE5RPA 147.150+ Bellevue to PA

VE5DPR 147.270+ Keniston



MINUTES
SASKATOON AMATEUR RADIO CLUB
September 14, 2004-09-15

Our first meeting of the new season was opened at 7:32 P.m. by President Ron, VE5RMS. There was an excellent attendance including guests Yvonne, Niel, Jerome - VE5KZ, Lucy and Jessie.

The minutes of the June 8 meeting as circulated in The Feedline were approved on a motion by Eric, VE5HG, seconded by Voker, VE5VAP.

The Treasurer's report was presented by Al, VE5MDC and was accepted on a motion by Al, VE5MDC, seconded by Warren, VA5WDB. (Filed with minutes)

Nat, VE5NAT volunteered to look after the 50/50 draw at our regular meetings.

After some discussion, it was moved by Ned, VE5NED seconded by John, VA5RJA, that our bylaw 4.1 be amended to allow for an additional director on the executive. Carried. Per, VE5PER was welcomed to the executive. Members were reminded that even though they may not be serving on the executive, they are welcome to attend executive meetings.

Nothing further with respect to relations with school officials and work to ensure prevention of interference with the school's PA system in the gym. (A tentative schedule of SARC activities has been sent to the principal and caretaker as well as to Judy, VE5CU of the Space Club.

New repeater site - we are still awaiting a response re the proposed location. Ned, VE5NED reported that we had been advised that a frequency of 145.470 with a minus 600 offset was open in the province and Ned will look into obtaining appropriate crystals in preparation for repeater installation when a suitable location presents itself. There was some discussion re this matter and it was emphasized that the club needed another repeater able to communicate better to the north as well as capability to use the IRLP, keeping VE5SK free of link encumbrances. After considerable discussion, it was agreed to make available a class/group to learn the operation of IRLP and setting up and operation of a repeater. Those indicating an interest in this project are: VE5MDC, VA5WDB, VE5JZ, VE5XP, VA5RJA, VE5QV, VE5PER, VE5RBG, VE5HF, VE5VAP, VE5SPI, VE5NED AND VE5CUL. Derek, VE5SD will use his expertise to help lead this project.

Field Day - Ned, VE5NED reported a successful Field Day with good participation and good coverage from Channel 10.

Fund raiser - we will hold a "steak Night" as a fund raiser, at the Odeon Special Events centre, 6:00 PM, September 22nd. The president had tickets at \$15.00.

Little Bear Amateur Radio Club - Ken, VE5KRB reported that there had been a break-in at the VE5LBL site and the contents of a fire extinguisher scattered about the building, causing a terrible mess. Fortunately the electronics were not interfered with. An experiment showed excellent coverage on two meters from the LBL repeater.

Walter Murray Collegiate station - Derek, VE5SD indicated that it is hoped that with the support of Saskatoon hams, the station will be up and running this fall as a room appears to be secured at the school.

Hamfest 2005 - President Ron reported that a core planning group for this event will meet on September 29th at 7:00 PM at Walter Murray Collegiate to make further plans. Input from anyone is welcome. A link to the Hamfest 2005 website can be found at the SARC website.

Programs - The president emphasized the importance of input of the membership in setting up programs for the club. Gus, VE5SPI indicated he would lead a soldering workshop if interest warranted such an activity. Peter, VE5JZ agreed to make contacts with the U of S and City re their speakers' bureaus.

Eric, VE5HG thanked Derek, VE5SD, Gus, VE5SPI and Bruce, VE5BNC for their assistance in getting VE5UB repeater on the air again at Stranraer. The frequency is 147.030 -600.

Community service - Gus, VE5SPI will check on need for volunteers for a walkathon at the end of the month. He will also check to determine when we will again be involved in the Santa Claus parade as there has been a change of ownership of Midtown Plaza.

The Feedline - our editor Les, VE5LPP, indicated that input from members was sparse and encouraged more submissions from the membership otherwise the FEEDLINE will contain the meeting minutes and little more.

Ham classes - classes are planned to commence Thursday, October 7th at 7:00 P.M. at our clubroom and will be lead by Ned, VE5NED and Al, VE5MDC supported by other volunteers. Terry, VE5HF will be making up some posters to advertise the classes and the secretary will also send notices to the media. Herb, VE5HE advised that he is willing to lead a CW class on Wednesday evenings at 7:30 P.M. if at least two or three individuals commit to attending. At this time, there are two volunteers and the first CW class will be planned for Wednesday, October 13.

An antenna building class will also be conducted, dependent on interest.

Hobby Show - Al, VE5MDC reported that a stall has been spoken for at the Hobby show to be held at the Trade Centre on the exhibition grounds, November 5, 4:00 to 10:00 P.M. and Saturday, November 6, 9:00 A.M. to 6:00 P.M. Herb, VE5He agreed to begin calling for volunteers around mid October.

Nothing further on a club brochure.

Herb, VE5HE reported a contact with Highway Department re signs advertising our repeater frequency but the proper officials were not available at the time. Will try again.

The president presented a certificate of appreciation to Colleen, VE5CMG for her generous service to the club for several years in providing delicious baked goods for our meetings. The members demonstrated their appreciation by a rousing applause!

Touch The Stars - Herb, VE5HE told the members of a new book entitled "Touch The Stars" written by a blind astronomer and encouraged to members to have a look at this remarkable production in both Braille and print along with

tactiles, enabling those who had never seen to get an idea of what was up in the night sky.

Peter, VE5JZ moved that the club acquire an ATV converter. There was no seconder and the treasurer will check our inventory to determine whether we already have one or not.

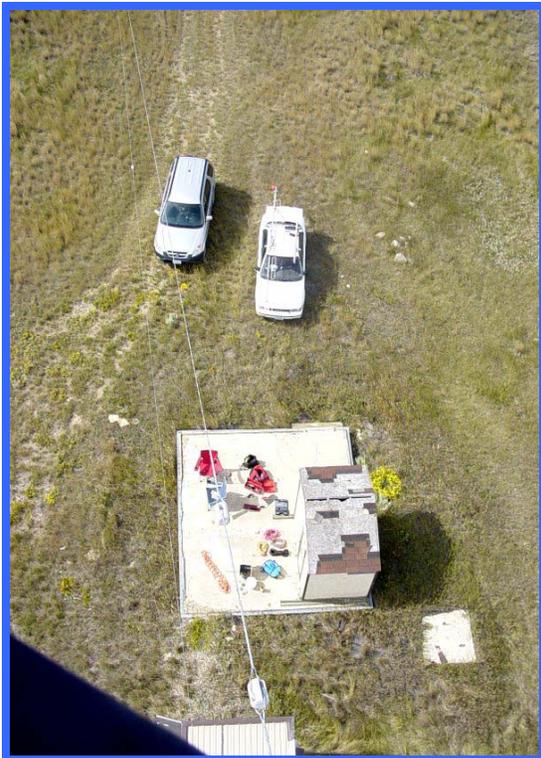
The 50/50 draw was won by Bob, VE5NFG. (Did I hear you were buying coffee on Saturday Bob??)

The meeting adjourned for coffee and doughnuts at 9:18.

Herb Essenburg
Secretary



Two hams move up in the world.



On Thursday night the phone rang and it was Eric, VE5HG. He asked if I would help Gus, VE5SPI with some tower climbing at the VE5UB repeater site at Stranraer. The site had suffered a lightning strike, and Eric thought that we might need to replace the

antenna and feedline. We planned to meet at 6 AM on Sunday.

On Sunday I awoke to a world shrouded in fog and thought to myself that 5 AM seemed earlier than it ever had before. I consoled myself with a cup of coffee and waited for Gus to pick me up. When we got to Eric's house he told us that he'd already been out for his morning walk and seemed more alert than either of us. We all then headed meet Derek, VE5SD at the Esso on the west end of town where Eric treated us to breakfast.



After breakfast, we got on the road and hoped that the fog would clear. Several times during breakfast and the drive out, I heard tales of the view from the tower, but I was still wondering if we would see anything through the fog. As luck would have it, the fog lifted before we reached Stranraer.

Once at the site, we connected an antenna analyzer to the feedline and it looked as if both the antenna and feedline were just fine. This was confirmed when a

radio was connected and we were able to reach several repeaters from Prince Albert to Moose Jaw. I was very relieved because this was when I learned that the tower was 150 feet high and the antenna was on the top!

With the repeater re-installed and tested, we decided that we might as well install the antenna that Derek had brought along. Over the next 3 hours we fastened the 4-bay Sinclair to the tower at about the 100-foot level. The bad news is that the antenna didn't seem to be performing properly. After checking the feedline, we brought the antenna analyzer up the tower to the antenna and confirmed that there was definitely something wrong. Since it was getting late and both Gus and I had promised that we'd be home for supper, the decision was made to leave the malfunctioning antenna in place rather than spend the time to remove it.



By the way, they were right about the view! The range of hills rises several hundred feet above the surrounding countryside, and the view from the 100-foot mark on the tower was spectacular. We could see all the way to Rosetown, 40 km away and almost to Kindersley.

73 Bruce (VE5BNC)

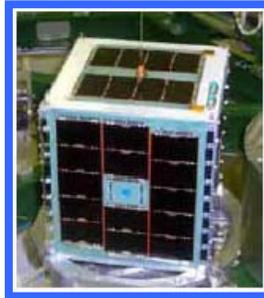
The Satellite Beacon

*By Emily Clarke W0EEC
VP, Project OSCAR and AMSAT Area Coordinator*

So You Want to Work AO-51?

AMSAT-OSCAR-51 is the newest satellite launched by AMSAT. It is the strongest satellite in the sky other than the ISS, and is one of the most complex satellites currently in operation. It has many subsystems and as some have said, "it has something for

everyone" including simultaneous voice and packet operations. In this article I'll focus on making a voice contact.



Launch and Checkout AO-51 was launched from the Baikonour Cosmodrome in Kazakhstan on June 29, 2004 and was inserted into a sun synchronous orbit which allows it to be

over the same geographical location basically the same time every day. For us in North America, this happens in approximately 11am for the descending (north to south) pass, and late evening (11pm) for the ascending pass. It underwent testing for 30 days after launch, and was turned over to amateur access on July 30th. When AO-51 was first turned on it's first over the East Coast it was estimated that over 500 amateurs attempted to use the satellite. Three reported having QSO's, while the other 497 were left scratching their heads. When the satellite passed over central North America 80 minutes later, those 500 stations were joined by another 500 from the west coast. Two stations reported having QSO's. At 30 minutes past midnight AO-51 showed up out over the Pacific Ocean. Estimates are that 200 people on the west coast stayed up, and about 8 QSO's took place. I was one of the lucky ones.

So what happened? AO-51 is a low earth orbit satellite (LEO) mode J-FM (V/U) voice repeater, the same as launching your local repeater in orbit, except for one very significant difference. Instead of having a range of 50 or so miles, it can be accessible to the entire country at one time. While this may sound beneficial at first, the results can be disastrous. If you've ever heard a double on your local repeater when the net control calls for check-ins, think of the results when 500 stations suddenly try to check in to the same repeater at the same time. It's a pileup. Quite a lot of the pileup results from people who have never heard a satellite before but key up to "just to make sure it's there". There are also those who can hear it, but don't have on the required 67Hz PL tone. Although AO-51 will not repeat those signals, they can jam

weaker signals and prevent them from getting through. Lastly an FM repeater is not designed to handle that many simultaneous signals, so they double, triple and... well; you can see the results are predictable.

How Will I Ever Get In? The good news is that in the weeks following activation of AO-51 the load has lightened and it's easier to get it if you plan ahead and avoid the pileups. Many people are able to work Echo successfully and I have consistently been able to get in at 5 watts with both an Arrow antenna and a ½ wave whip. Aruni VE4WMK who is 10 years old uses an HT with an Arrow and is very successful following using very simple techniques that I posted in article on the AMSAT website entitled "12 Suggestions for Handheld Transceiver Users". Here are some of the basics:

1) **Listen First.** If you can't hear other stations, you can't work them. AO-51 is very strong (only the ISS is stronger) so almost everyone can hear it on a good HT with a good whip antenna, the dual-band Arrow yagi or the dual band Elk log periodic that are sold at most flea markets in the area.

2) **Keep your squelch off.** Although Echo is strong, it's not strong enough to break your squelch in most cases.

3) **Make sure you have your PL tone set to 67 Hz.** Like most repeaters, even if you get a chance to get in, you won't without the PL tone set. Don't try to use tone squelch either, as Echo does not transmit a 67Hz PL tone back on it's downlink.

4) **Don't use a vertical antenna.** Whips and ground plane antennas should be tilted so that the vertical is 90 degrees off the elevation of the satellite.

5) **Know where the satellite is.** Keep a tracking program nearby where you can reference it. If you are handheld outside, use a handheld computer running PocketSat or PetitTrack to reference the satellite's position.

6) **Use Dual Headphones!** I can't stress this enough. Your brain is the best DSP there is, and if you only hear the signal through one ear, your brain can't filter out the noise nor can it react quickly to callsigns.

How Should I Prepare? When you decide to work AO-51 for the first time, some preparatory steps will help. Visit the AMSAT website and visit the Echo Project page to make sure you have the correct frequencies.

The AMSAT website also has online pass predictions in the Tools section which will calculate the passes for your location. Try (degrees of elevation) and see how well you are receiving. If you can't hear the satellite, you may need to improve your receive antennas. Try to arrange a sked with another station. It's easier to make a contact with someone who is experienced on the satellites than cold calling. That contact can also help you determine how well your signal is doing. Plan on working a pass away from populated areas (see the map - white spots are high density population areas.) If you can work to the north or west or over the ocean, your results will be better because statistically there are fewer people. Most of all, don't get discouraged. AO-51 is reprogrammable from the ground and they have made some improvements to it already. For example, initially the power was set to 330mw, then 500mw and now is set for 1W. AO-51 can operate up to 7 watts, but it is unlikely they will increase power over 2W since most stations now receive AO-51 full quieting.



Echo Frequencies

The following are the announced frequencies for AO-51:

Voice Uplink: 145.920 MHz FM (PL - 67Hz)
1268.700 MHz FM (PL - 67Hz)

Voice Downlink: 435.300 MHz FM

Packet Uplink: 145.860 MHz 9600 bps, AX.25

Packet Downlink: 435.150 MHz 9600 bps, AX.25
2401.200 MHz 38,400 bps, AX.25

Broadcast Callsign: PACB-11

BBS Callsign: PACB-12

Website References

AMSAT – <http://www.amsat.org>

The Echo Project Page -

<http://www.amsat.org/amsat-new/echo/>

12 Suggestions for HT Users -

<http://www.amsat.org/amsat-new/echo/EchoHT.php>

Online Pass Predictions -

<http://www.amsat.org/amsat-new/tools/predict/>

So best of luck and CU on the Birds!

73, Emily

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RECOMMENDATIONS FROM RADIO AMATEURS OF CANADA TO INDUSTRY CANADA CONCERNING CHANGES TO CALL SIGN POLICY AND ADMINISTRATION OF AMATEUR CALL SIGNS

AUGUST 17, 2004

Proposal for Changes to the Call Sign Policy and Administration of Amateur Call Signs

Introduction

In response to requests from the international Amateur Service, World Radio Conference 2003 revised Article 19 (Call Sign Formulation) of the ITU Radio Regulations as it pertains to the formulation of call signs for the Amateur Service. The changes provide administrations with an option to permit call signs with suffixes having up to four characters. The two principal revisions were to Article 19.68 and were:

Art 19.68 – two characters and a single digit followed by a group of not more than four characters the last of which shall be a letter; and

Art 19.68A – On special occasions, for temporary use, administrations may authorize use of call signs with more than the four characters referred to in No. 19.68.

Amateur radio call signs with four-letter suffixes have been of particular interest to the Canadian Amateur Service for more than two decades. Amateurs have been frustrated because they were not permitted to use special call signs such as VE5RCMP for

significant national events such as the 100th anniversary of the Royal Canadian Mounted Police. VE5RCMP now would be permitted under the International regulations. Looking forward to the 400th anniversary of Québec City in 2008, it is quite likely that special event call signs with four-character suffixes, such as VE2400A, now possible because of the WRC 2003 decision, will be requested

Application of the changes in Canada will affect the call sign policy and procedures defined in Industry Canada's Radio Information Circular 9 (RIC-9), Call Sign Policy and Special Event Prefixes. Radio Amateurs of Canada, Inc (RAC) therefore has studied how the Article 19 revisions might affect the administration of amateur radio call signs in Canada. At the request of Jim Dean, VE3IQ, RAC VP-Regulatory Affairs, in September 2003, a working group under the leadership of the then Atlantic Region Director, David Nimmo, VE1NN, was struck to study the WRC-2003 changes and to present recommendations concerning the formulation and management of four-character call sign suffixes. The working group included radio amateurs highly experienced in DXing, DXpeditions, contesting, club operations, field days, and emergency measures, as well as amateur radio course instructors and Industry Canada Accredited Examiners.

RAC considers that the recommendations described in this document, if implemented, would benefit the Canadian radio amateur service as a whole and also would be consistent with the policy and procedures outlined in RIC-9.

Discussion

While the Article 19 revisions would expand the options available in call sign assignment, they in no way oblige, reduce or constrain the current Canadian policy contained in RIC-9. Thus, one of Canada's options to these revisions could be to maintain the current call sign policy in RIC-9 (Issue 1, March 2000) with no changes. However, this would be contrary to the interest and expectations already demonstrated by Canadian radio amateurs.

In considering the implications of the Article 19 changes, the complex, iterative process and the underlying principles used in developing RIC-9 were recalled. The development and introduction of the original

RIC-9 in 2000 was challenging. Industry Canada Regional Offices, individual amateurs, and amateur organizations had all provided input, which produced long and delicate negotiations before resulting in the current RIC-9.

The history of Canadian amateur call signs was noted, observing that Canadian permanent call signs have remained relatively stable and as such easily identifiable in the international arena. This heritage of call sign simplicity and stability is an asset to both our national identity and to the administration of the call sign system by Industry Canada.

It was acknowledged that there remain many divergent points of view about call signs, but it is concluded that there has been little change in the call sign philosophies presented in 1999 and those in existence now.

It was therefore decided to endeavour to effect the changes arising from Article 19 without re-opening the contentious issues that our predecessors struggled with when drafting the original RIC-9.

It was also considered that it would be prudent to introduce the changes in such a way as to minimize changes to the structure and philosophy of the present RIC-9 and, in such a way as to minimize administrative changes. To keep the Amateur Radio Service Centre (ARSC) workload at present levels would require maintenance of a simple call sign system with a simple unambiguous application and approval process. The current call sign policy is conservative and should remain so.

The study by the working group therefore was guided by the following rationale:

- The Canadian Amateur Service wishes to have access to call signs with four-character suffixes;
- Stability of call sign assignment reinforces our national identity;
- Administration of all call sign assignment should be simple, consistent and equal for all amateurs;
- The existing call sign policy and administrative procedures of RIC-9 are straightforward and effective;
- Canada's present system of VE and VA prefixes with two and three letter suffixes provides a large enough call

sign database to satisfy current normal requirements;

- Incorporating provisions for four-character suffixes should require minimum changes to RIC-9;
- Privileges for special interest groups should be avoided;
- Many radio amateurs have a deep personal attachment to their call signs; and
- There may be collateral changes to other RICs as a result of the changes and these should be minimized.

Conclusions

The study concluded:

- 1) that current administration of permanent call signs and one, two and three letter suffixes should be maintained;
- 2) that four character suffixes, with one exception, should be administered in accordance with procedures already established for single letter call signs, that is, special event call signs for limited periods as defined in Section 2; and
- 3) that exceptions to the last character being a letter is not supported due to resultant confusion with the current convention used by packet nodes, i.e., having the port number immediately following the call sign.

Given the above, for the ARSC, permanent issue call signs would remain unchanged and four or more character call signs would be introduced only within the Call Signs for Special Events section.

All of the foregoing can be achieved through five minor additions to the present RIC-9 and minimal changes to ARSC procedures.

Recommendations

RAC recommends that Industry Canada authorize the use of call signs with four-character suffixes per the WRC-2003 revisions to Articles 19.68 and 19.68A and that their authorization and management be accomplished by changes to the policy and procedures of RIC-9 per items (1) to (3) above.



The Super City walk for Parkinson's Disease was held on Sunday September 26, 2004 at the Meewasin Park on Spadina Ave south of Lenore Dr.

The following Hams attended the event to help with communications and to keep an eye on the walkers should they require assistance.

Warren (VA5WDB) who acted as net control for the event. Colleen (VE5CMG) & Bob (VE5RBG) maintained a vigil at the farthest rest stop on the route. Wally (VE5IX) who assisted with traffic control and information. Ron (VE5RMS) who also assisted with traffic control and information. Terry (VE5HF) who manned the intermediate rest stop. Bruce (VE5BNC) who rode bike on the trail to keep an eye on the walkers and report their progress. Al (VE5MDC) who also rode bike on the trail and followed the last group of walkers and reported on their progress.



There were approx. 270 walkers on the trail including those in wheel chairs which is about 70 more than last year. Everyone seemed to be enjoying the good weather and the BBQ after the event. The organizers advised that preliminary figures showed they had raised \$70,000.00 this year. They also wish to pass on their sincere thanks to everyone who assisted with the event and were very appreciative of our efforts to help with this cause.

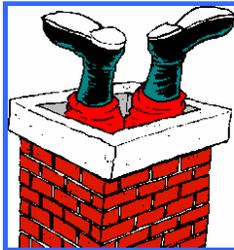
73 Gus (VE5SPI)

Soldering class tentative

I would run two classes. The first being practice and familiarity with the process and the second would be to do something practical like putting together a small project or kit of each participant's choice. Please let me know if your interested. I was hoping that the last two weeks of October would be available but I am not sure which dates the club room would be open. Perhaps the executive would have some suggestions so that we do not clash with other courses that are planned for that time period.

73 Gus (VE5SPI)

Santa Claus Parade



The weather is growing colder, leaves are dropping and the Big fella with the Red Coat and eight Reindeer is coming. The first meeting of the organizing committee will be held on Sept 30. So charge your radios and find the cold weather gear as we will be looking for volunteers to assist with this event to put smiles on the faces of the children of this city and surrounding area. If you know anyone that would like to help but is not a ham let us know as the committee is always looking for volunteers to help with traffic and crowd control and many other jobs that must be done to make this event run smoothly.

73 Gus (VE5SPI)

Classes starting in Oct.

The Ham Basic course will start on Thursday, October 7th at 7:00 PM at the Club Room. They will be conducted by Ned (VE5NED) & Al (VE5MDC) and supported by other volunteers.

The CW classes will start Wednesday, October 13th at 7:30PM at the Club Room. They will be conducted by Herb (VE5HE) & Les (VE5LPP)

MEMBERSHIP APPLICATION/RENEWAL



SASKATOON AMATEUR RADIO CLUB INC.
 P.O. BOX 751
 SASKATOON, SK, 57K 3L7

For Office Use Only
 Pd ___ Rcpt ___ Card ___
 A B C D E F

Membership valid from September 1, 2004 to August 31, 2005

NAME:..... CALL SIGN.....

ADDRESS.....

CITY..... PROV..... ZIP.....

TELEPHONE (Home).....(Bus.).....

E-MAIL ADDRESS.....

Would you prefer your copy of "The Feedline" be sent by:- Mail..... Electronically.....

LICENCE: (Please check)

Basic (.....) Advanced (.....) Code (.....)

Occupation (optional).....

Name of spouse (optional).....

Family Members (For Family Membership Application)

(1) Name..... Call Sign.....

Basic (.....) Advanced (.....) Code (.....)

(2) Name..... Call Sign.....

Basic (.....) Advanced (.....) Code (.....)

WHICH CLUB ACTIVITIES CAN WE COUNT ON YOU FOR?

Special Event or Areas of interest to you.

Affiliation (Check where applicable)

ARRL.....RAC.....SARL.....MARS.....OTHER.....

MEMBERSHIP FEES

Regular Membership:

(must be licensed to operate an amateur station).....\$25.00 \$.....

Family Membership:

(one newsletter per family).....\$30.00 \$.....

Associate Membership:

(enthusiasts - not eligible for office).....\$25.00 \$.....

Junior Membership: (under 18 yrs)

(full privileges if licensed to operate a station)..... \$12.50 \$.....

Laminated membership card..(each)..... \$1.00 \$.....

Donations:

(development, maintaining or upgrading facilities (specify).....\$.....

TOTAL REMITTED \$.....

Cheques Payable to : **Saskatoon Amateur Radio Club Inc.**