

VE5AA

SEPT 2003

# The Feedline

SASKATOON AMATEUR RADIO CLUB





**Saskatoon Amateur Radio Club**

P.O. BOX 751  
Saskatoon, SK S7K 3L7  
[ve5aa@qsl.net](mailto:ve5aa@qsl.net)  
<http://www.qsl.net/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!**



**ARES  
Saskatoon**

**NEXT ARES  
MEETING  
MONDAY, Sept 15, 2003  
7:00 P.M.  
CITY HOSPITAL  
ROOM 1903**

**Everyone welcome!**  
<http://www.ares-saskatoon.ca/>

**NEXT CLUB MEETING  
Tuesday, Sept 9, 2003  
7:30 PM**

**ALVIN BUCKWOLDSCHOOL  
715 East Drive  
West entrance**

**BE THERE!**

**Contests**

**Sept 1-2 - Michigan QRP Sprint  
Sept 6-7 - All Asia SSB Contest  
Sept 7 - NA Sprint CW  
Sept 10-12 – YLRL Howdy Days  
Sept 14 - Na Sprint SSB  
Sept 13-14 – WAE DX SSB  
Sept 14-15 – Tennessee QSO prty.  
Sept 20-21 – SAC CW Contest  
Sept 27-28 - CQ World-Wide RTTY  
Sept 27-28 – SAC SSB Contest**

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

**COFFEE**

**Saturdays at 10 A.M.  
Smiley's on 8<sup>th</sup> 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

## EXECUTIVE

**President** Ron Sather 384-5093  
VE5RMS

**Past President** Andy Paquet 931-1614  
VE5APD

**Vice President** Gus Schmid 249-3996  
VE5SPI

**Secretary** Herb Essenburg 374-4337  
VE5HE

**Treasurer** Al Labbie 373-3188  
VE5MDC

## Directors

Warren Beaulieu VA5WDB 934-2604  
Ned Carroll VE5NED 382-1446  
Bob Hilton VE5NFG 652-7014  
Ken Bindle VE5KRB 373-3403

**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** Colleen VE5CMG

**50/50 Draw** Vacant

**Feedline** Les VE5LPP

## LOCAL AREA REPEATERS

VE5SK 146.640- Saskatoon SARC  
VE5SCA 146.970- Saskatoon linked  
VE5CC 146.940- Saskatoon long range  
VE5BRC/1 147.240+ Lizard Lake  
VE5RPA 147.150+ Bellevue to PA  
VE5DPR 147.270+ Keniston  
VE5SKN 145.210- Saskatoon MARS  
VE5STV 146.790- Saskatoon  
VE5FS 448.000- CFCSS tone access

## ATV

VE5ATV 439.250 in 1277.250 out

## APRS

VE5RHF 144.390 Saskatoon APRS

## 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  
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 Hams are welcome to check into any of these nets.



Saskatoon Amateur Radio Club

**MINUTES**  
**SASKATOON AMATEUR RADIO CLUB**  
**June 10, 2003**

In the absence of President Ron (VE5RMS) due to a work-related problem, the meeting was opened at 7:30 P.M. by Vice-president Gus (VE5SPI). He welcomed our guest Gary (VE6PNQ) and had the new hams introduce themselves.

On a motion by John (VA5RJA), seconded by Ned (VE5NED), the minutes of the May 13, 2003 meeting were adopted as circulated in The Feedline.

AI (VE5MDC) presented a comprehensive report on our financial position for the current fiscal year along with information regarding the club's inventory of equipment. Bob (VE5RGM) moved, seconded by Warren (VA5WDB), that the treasurer's report be accepted with a special vote of thanks to AI for his work on behalf of the Saskatoon Amateur Radio Club. The motion was carried with applause.

FIELD DAY- The chairman spoke on the subject of Field Day reminding us of the date, June 28-29, the place, the Western Development Museum lot, setup time 9:30 on the 28th barbecue at 6:00 P.M. on the 28<sup>th</sup> with tickets at \$5 being sold by the executive and cutoff for ticket sales June 25<sup>th</sup>.

CLASSES- Classes for individuals planning to obtain their basic amateur radio license will commence in October and will be lead by Ned (VE5NED) and AI (VE5MDC) with support from other club members. Herb (VE5HE) plans to begin CW classes on the first Wednesday of October and Ken, (VE5KRB) will again be conducting a class on antenna building. Gus (VE5SPI) is planning a workshop on soldering.

CHRISTMAS SOCIAL – the executive recommends that our Christmas meeting/social this year be held at The Cave Restaurant, giving attendees the opportunity to choose a meal in the price range of their choice. Moved by Herb (VE5HE), seconded by Colleen (VE5CMG), that our Christmas event be held at The Cave Restaurant. Carried. Warren (VA5WDB) to check with The Cave for a reservation.

STORAGE – thanks to Ron (VA5RON), the club now has storage space for some of its gear in a facility on Ron's farm just south of Saskatoon. Thanks from all of us Ron.

ARES – Ken (VE5KW), reported that there had been a storm watch called by environment Canada on June 2<sup>nd</sup> and several hams had responded. He read a letter from Bob Cormier to Randy (VE5DFC) the ARES SEC, indicating that he had an anonymous report of someone driving erratically during this period and indicating that he was permitted to do so as he was apparently a ham and part of Canwarn. Ken reminded us that Canwarn participants are "STORM WATCHERS" not "STORM CHASERS". He indicated that individuals involved in such grandstanding could be deleted from the Canwarn and ARES roles. He also reminded of the next ARES meeting to be held June 16<sup>th</sup> at which Wally (VE5IX) would deal with the matter of message handling.

FUNDRAISING COMMITTEE – still no volunteer to head this committee.

COMMUNITY SERVICE – Bruce (VE5BNC) reported that plans were progressing re the MS Bike tour, which this year is a 2-day event, August 23-24, and going from Aberdeen to Wakaw and return.

At this point, Doris (VE5DJQ) brought up a matter concerning an SGI claim. The chairman terminated discussion indicating that the matter was a civil matter between two individuals and not related to the club.

Ken (VE5KRB) reminded us of June 21<sup>st</sup> being “kids day” for ham radio as well as an open house at the Little Bear Radio Club. He also told us the committee had chosen a winner of the Dave Glass Award, which will be presented at the 2003 hamfest at Christopher Lake.

Derek (VE5SD), Assistant Director of RAC, reported a RAC initiative to encourage the setting up of ham stations in high schools. Herb (VE5HE), reported that the executive had also discussed the matter of encouraging students to consider our hobby and letters were being sent to school boards in the area. The club assured Derek of our cooperation in student related programs.

Bruce (VE5BNC) and Ned (VE5NED) will further investigate the possibility of installing an APRS digipeater on one of the elevators at Davidson.

Tim (VE5JTS), one of our newer hams, won the 50/50 draw. Congratulations Tim!

After adjournment of the meeting by the Vice-president, coffee and more of VE5CMG's delicious baking were enjoyed by all of us. Thanks again Colleen! This was followed by Ken (VE5KRB) and an excellent demonstration on how to splice pieces of hardline together. Thanks again Ken.



Herb Essenburg (VE5HE), Secretary

## Saskhamfest 2003 held at Christopher Lake

The Lakeland Amateur Radio Association put on Saskhamfest 2003 this July and all had a great time. The event took place at the town site of Christopher Lake and was held over Friday and Saturday. It was a busy two days, what with meetings, banquets, award ceremonies, swap and shop, etc.

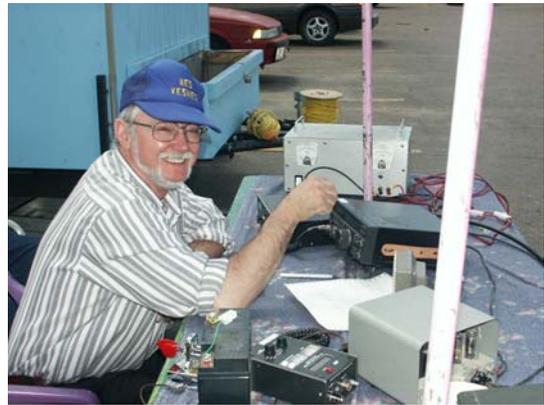
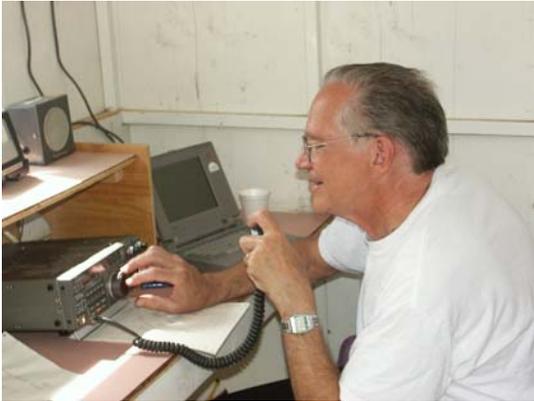
Old friends were visited, new friends were made and all in all, it was a great affair.

Congratulation Lakeland for a well-organized hamfest.



Swap and Shop at Saskhamfest 2003

# 2003 Field Day



# S.A.R.C. Member Bruce Coates (VE5BNC) Receives Dave Glass Award



Ron Sather (VE5RMS) President of  
S.A.R.C. presents Bruce Coates  
(VE5BNC) with the Dave Glass Award

Bruce Coates (VE5BNC) was presented with the Dave Glass Award during the Saskatchewan Hamfest 2003, held at Christopher Lake on July 18-19. Bruce received a diploma in electronics from STI in Moose Jaw. He attained his basic ham licence in about 1992 and more recently became an operator with

full privileges. His technical expertise is evident through his building of ATV and VHF repeaters as well as his knowledge of APRS.

Bruce is an active member of the Saskatoon Amateur Radio club and has acted as elmer for many of us, soldering things, climbing towers to install or take down antennas as well as many other helpful activities. If there is a community service to be performed by Saskatoon amateurs, Bruce is there. He has helped out in projects such as providing communications support for the Santa Claus parade, the Chinese New Year's parade as well as being the lead contact and organizer of communications for the MS walk and bike-a-thon.

Bruce is a person who is willing to share his time and ability to help others in almost every imaginable way, whether in a technical way or giving rides to meetings.

Having known Dave Glass myself, I know he would be proud to have Bruce as a worthy recipient of an award bearing the "Dave Glass" name.

73 Herb Essenburg (VE5HE)

# Silent Key

## A MAN WITH DIVERSE INTERESTS

*On the evening of July 3<sup>rd</sup>, 2003, Ken Wilson suddenly became a "silent key".*



Throughout his lifetime, Ken has taken more than a passing interest in a great variety of activities, many of which I became familiar with during the years I knew him. Ken has taken part in the archery group, which was active in this area a number of years ago. He enjoyed hunting for deer and had many interesting tales to share about his hunting experiences with a variety of firearms. For a time he was active with a group of motorcyclists and traveled over a large part of North America on a variety of motorcycles. A number of years ago, he began acting as a guide for a visually impaired cross-country skier and together this pair traversed many of the trails in the Kananaskas area. For some time now, Ken has taken an active part in the activities of the Horizons Cycling Club, which is a group of avid cyclists, many of whom participate in national and international competitive events. Cycling with Ken on my tandem is where I got to know him best as not only did he ride around this area with me, but also in 1997 and 1998, he rode with me in the Golden Triangle through the Rockies.

I shared my interests in ham radio with Ken who had at one time been a user of the CB bands and he showed an interest in becoming a ham. With a little encouragement, he participated in a class offered by the Saskatoon Amateur Radio Club and obtained his basic license. He enjoyed 2M and used it extensively in his travels. He became a member of our local ARES group and when no one else would assume leadership of the group, he volunteered to take the position of EC. Our section of ARES had been almost dormant but Ken began holding regular meetings and

Ken Wilson VE5KW  
d. July 3, 2003

was planning a number of exercises along with developing improved relationships with city and volunteer bodies. Ken believed in the value of ham radio and the Amateur Radio Emergency Service and had hoped to see ARES develop locally. I personally will miss Ken for a lot of things: his help in programming my handheld transceiver, the rides to ARES meetings, the tandem biking and the periodic visits he and his dog Willie paid me while I sat in my backyard. 73 Ken.

Herb Essenburg

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Kenneth John Wilson passed on July 3, 2003. He is lovingly remembered by his wife, Doreen; brother, Don; nephew, Dean.

He was employed at the Saskatoon StarPhoenix for approximately 40 years. He was an active person, an avid cyclist operator of Ham radio.

A Memorial Service was held on Tuesday, July 8, 2003 at 11:00 a.m. at the Chapel of Martens Warman Funeral Home, 402 Central St. West, Warman, SK. Memorial donations in lieu of flowers may be made to donor's choice. Arrangements are in care of MARTENS WARMAN FUNERAL HOME.



**Ken at the 2003 Field Day**



**Garry McCallum VE6PNQ  
Emergency Coordinator  
Saskatoon**

## **New Emergency Coordinator Appointed to ARES Saskatoon City.**

Garry McCallum VE6PNQ was appointed as the new ARES EC for Saskatoon City effective August 1, 2003. Randy Westby VE5DFC, Saskatchewan Section Emergency Coordinator for ARES, made this unusual mid term appointment due to the sudden passing of the Saskatoon ARES EC Ken Wilson VE5KW in July. Ken had served as ARES EC for the last 3 years

Although a new resident of Saskatoon, Garry was appointed to the position because of his ARES experience in Central Alberta during and after the Pine Lake tornado and the Red Deer train derailment evacuation as well as his role as Assistant Emergency Coordinator

responsible for public relations in Central Alberta.

Garry has been active with the Canadian Red Cross in three provinces over the last 25 years in Disaster Response Team, public relations, volunteer coordination, training and fundraising roles.

Licensed in 1986 with a Digital (Advanced) amateur radio certificate as VE3PNQ, Garry has been active in digital modes and VHF / UHF modes ever since. He leaves the Central Alberta Radio League (C.A.R.L.) having served as Packet Node and BBS Sysop, Webmaster, Postmaster, Public Relations Chairperson, Fund Raising Chairperson, Licensing Instructor and club Director. He was awarded "Amateur of the Year" by C.A.R.L. in 2001.

Trained as an electronic technician (NCR & Heathkit) and television broadcaster (CKSA, CKRD, Shaw, ABC) Garry now provides digital multimedia and internet consulting and production services to industrial and educational clients.

Garry McCallum can be contacted 24/7 at 306-220-3995 (voice/text messaging) or by email at [ares.saskatoon@shaw.ca](mailto:ares.saskatoon@shaw.ca). He routinely monitors VE5SK (146.640-600) and VE5CC (146.940-600 IRLP Node 1360), APRS (144.390) and (Packet 145.010).  
ARES WEBSITE [ares-saskatoon.ca](http://ares-saskatoon.ca)

**SASKATCHEWAN TIME + 6  
HOURS =  
UTC, CO-ORDINATED UNIVERSAL  
TIME, UT, UNIVERSAL TIME, GMT  
GREENWICH MEAN TIME,  
GREENWICH TIME, GREENWICH,  
ZULU, Z**

For our purposes, all of the above mean the same thing. In Saskatchewan where we don't change our time, keeping Universal Time is actually quite simple. You take our local time, add six hours to it, and voila, Universal Time.

There are a couple of things you have to keep in mind though. First of all, Universal Time is kept on a 24-hour system.

and the hours are stated in hundreds. For example 12 Noon, Saskatchewan time would be stated as 1200 hrs local (12 hundred hours local). You just keep going from there, 1 is 1300, 2 is 1400 and so on. Add your six hours, and there you go, Universal Time.

The second thing to remember is that the new day in Universal Time now starts at 6 P.M. Saskatchewan time. So for example, 6:30 P.M. local on Saturday now becomes Sunday 0030 UTC. This should be kept in mind when making schedules with someone, as people tend to use their local day and Universal time for the hour.

A prime example of the non-use of UTC is in the RAC publication "RAC Operating Manual". In one of the appendixes there's a list of nets, some of the times are UTC, but a majority of them are local times. Just try and figure out when the nets are on. Beats me!

When you get the hang of it, UTC is the most efficient way to keep time for amateur radio operators. You don't have to worry about trying to convert your local time to someone else's local time, as everyone is using the same time.<sup>73</sup>

Les VE5LPP

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## S.A.R.L. Elects new executive

The Saskatchewan Amateur Radio League held elections at Saskhamfest 2003 in July and the following people were elected:-

President- Derek Bereza VE5SD  
VP - Jerome Kuntz VE5KZ  
Treasurer - Randy Westby VE5DFC  
Secretary - Ron Sather VE5RMS

Source: QSO Newsletter  
Devon Racicot VE5DWR

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*My grandmother started walking five miles a day when she was 60. Now she's 97 and we don't know where the hell she is.*

# Silent Key

Les Childs VE5LC

b. Jan 7, 1906

d. August 16, 2003

It is with deep sadness that we announce the death of Leslie Vernon Childs at the Saskatoon Convalescent Home on August 16, 2003.

Les was born on January 7, 1906 on his parents homestead southwest of Brooksby. Upon completion of high school he attended Normal School in Prince Albert. Les married Irene Brenna on May 3, 1934, and they enjoyed 60 years of marriage.

Les owned and operated Childs Service Station at Naicam, SK for 47 years.

He was a member of the Order of the Eastern Star, Saskatchewan Amateur Radio League, Immanuel Lutheran Church, and a lifetime member of the Masonic Lodge.

His wife, Irene in 1994; his parents, Charlotte in 1936, Charles in 1969, his brother, George in 1946 and Reg in 1998, predeceased him. Left to cherish his memory are his daughters, Marlene (Gerald) Selin of Saskatoon and Linda (Ola) Hegseth of Lloydminster; five grandchildren and six great-grandchildren; and his brother, Fred (Evelyn) Childs of Melfort. He is also survived by his sisters-in-law, Olive Coriveau, Glenna Valteau, Evelyn Pederson, Helen (Max) Smith, Audrey (Ross) Roenspies, Elma Brenna, Cathy Childs; and numerous nieces and nephews.

A celebration of his life was held on August 21 at Naicam Immanuel Lutheran Church at 1:30 p.m.

A special thank you to Dr. Harrington and the staff of the Saskatoon Convalescent Home for their excellent care of our father.

In lieu of flowers, donations may be made to Canadian Lutheran World Relief (1820 Arlington Street, Winnipeg, MB, R2X 1W4), Saskatoon Convalescent Home or the charity of your choice. Funeral arrangements are entrusted to NARFASON'S FUNERAL HOME in Naicam.

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## A MESSAGE FROM THE PRESIDENT



As the summer comes to a close I hope that one and all had a very pleasant one. I hope everyone has enjoyed themselves at their various pass times whatever they were, and wherever they took them and their families.

On a really sad note, with the passing of summer came the sudden passing of Ken Wilson VE5KW. Ken was the Saskatoon Emergency Co-ordinator for Saskatoon ARES. He was an avid cyclist and had been know to do some hunting. He was active only on VHF but had plans to tackle the CW this fall. Ken will be genuinely missed by all of us that knew him and our thoughts go out to his wife Doreen.

I have to at this time apologize for missing the first two membership meetings of my tenure as President. It is one of the hazards of the trucking industry that if you want to be in a certain place and a certain time it is likely not to happen. I will make every effort not to miss any more.

One of the premier events of the summer was the Hamfest at Christopher Lake. Although the attendance could have been better those that did come to it surely came away being glad they attended. The Lakeland Amateur Radio Association did a great job of hosting this year. One of the highlights for me was that I was able (in the absence of Ken

VE5KRB) to present to Bruce Coates VE5BNC the Dave Class award. As one who is always willing to jump into the latest (not necessarily newest) frying pan of Amateur Radio, Bruce is much deserving of this honour. He puts a lot of time and effort into any projects that he tackles. Once again Bruce, congratulations on receiving this much-deserved award.

Also at the hamfest was the AGM of the Saskatchewan Amateur Radio League. The question was asked of those in attendance, should the league continue, and the answer was a definite yes.

A new executive was selected and will endeavor to come up with ideas on how to rejuvenate the membership. If it is to succeed then the membership has to become a part of the future. We are asking that members bring forward their ideas.

With that I again hope that you all had a most enjoyable summer and look forward to our first meeting in September. As to the rest of the year, I'm sure that it is going to be most interesting. There will be classes bringing on a new bunch of HAMS, CW classed for those who wish to upgrade. There is the Antenna building project, and I am sure that there is some out there who would like to upgrade to the Advanced ticket.

73's and see you all September 9<sup>th</sup>.

Ron Sather VE5RMS  
President SARC.

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**MEMBERSHIP APPLICATION/RENEWAL**

SASKATOON AMATEUR RADIO CLUB INC.  
 P.O. BOX 751  
 SASKATOON, SK, S7K 3L7

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

Membership valid from September 1, 20..... to August 31, 20.....  
 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 licenced 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.**

## THE ONLY WIRE ANTENNA YOU'LL NEED?

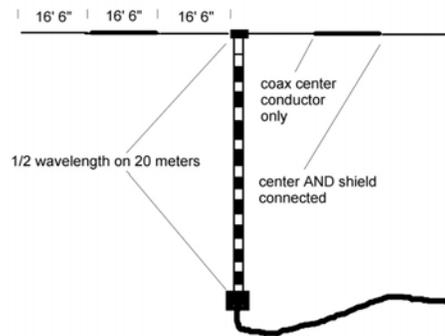


The July issue of **CQ** magazine featured an article by W5GI, titled "The W5GI Multiband Mystery Antenna". As I wasn't getting the performance I would have liked from my current multi-band dipole, I decided to build one. The author claimed it was a hot performer on 20 meters, and also worked well from 160 to 6 meters. This was for me!

On each side of the center insulator there are 3 sections; a 16.5 foot piece of 14 gauge wire, a 16.5 ft chunk of coax, and another 16.5 foot piece of 14 gauge wire. On the end of the coax closest to the center, only the inner conductor is connected to the wire. On the other end, both the shield and center conductor are hooked to the wire. This arrangement acts as a phase-reversing stub, so you end up with 3 half waves in phase on 20 meters, the band this antenna is primarily designed for. Between the center insulator and your feed line, there is a 1/2 wave (on 20 meters) section of ladder line, which acts as an impedance-matching transformer. At the end of this ladder line, I installed a project box with binding posts on one side and an SO-239 jack on the other, to make connection to my coax easier. It also makes it easy to short the ladder line with a jumper, which the author claims is necessary for operation on 160 meters.

I had my first chance to try it out on a camping trip in July. I supported one end from a stand of trees to my east, and used 20 feet of guyed mast for the other end. At this height I imagine most of my signal was going

straight up into the clouds on the lower bands, but none the less it performed better than the dipole at my home QTH. 20 meters was alive as I've never heard it before. An interesting note; as I was assembling the antenna prior to getting it in the air, I was listening to 20 meters with my Outbacker mobile antenna, and heard the author, W5GI, in a QSO with another station. I tried valiantly to tail end him and possibly make a sked for a before and after comparison, but the Outbacker just didn't have the punch. During my stay I checked into some of the usual HF nets such as the Aurora Net, the Saskatchewan Public Service Net, and the Weather Net, usually with good reports. In fact, there were a couple of times where I was the only check-in from Saskatchewan on the Aurora Net.



I currently only have one 'Mystery Antenna' assembled, so it isn't up in the air here at home because I'll be using it yet at my camping location a few times before the snow gets too deep to get in there. The current hold-up is the coax jumpers I use to build it..... the store is out of stock. If there was enough local interest in building this antenna, I'm sure we could find a cheaper supply and order some. So, although I can't give you any performance reports from here in the city, there are 2 other amateurs who are trying this antenna out; VE5HG and VE5LPP, and I imagine Les and Eric would be happy to share their findings with you. Check out the July issue of CQ, build this antenna, and sit back for a winter's worth of fun on the bands.

# Basic Licence Ham Classes

**Start date:** Thursday, October 9, 2003,  
and each Thursday for the next 3-4 months.

**Time:** 7:00- 9:00PM

**Place:** Alvin Buckwold School, West Entrance

**Cost:** Approx. \$100.00 including all manuals

**Contact:** Ned (VE5NED) at: [ve5ned@canada.com](mailto:ve5ned@canada.com) Phone 382-1446  
Al (VE5MDC) at: [ve5mdc@rac.ca](mailto:ve5mdc@rac.ca) Phone 373-3188

# CW CLASSES

**Start on Wednesday, October 8, 2003**  
**They run every Wednesday at 7:00 PM**  
**for approximately an hour.**

**Alvin Buckwold School**

**Free**

**Contact:** Herb (VE5HE) at: [herb.essenburg@Sasktel.net](mailto:herb.essenburg@Sasktel.net)  
Phone 374-4337  
or Les (VE5LPP) at: [ve5lpp@rac.ca](mailto:ve5lpp@rac.ca) Phone 477-3429