

**VE5AA**

**April 2006**

# **The Feedline**

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SASKATOON AMATEUR RADIO CLUB

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Saskatoon Amateur Radio Club

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

[ve5aa@qsl.net](mailto:ve5aa@qsl.net)

<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!**



**ARES  
Saskatoon**

## **NEXT ARES MEETING**

**Monday, April 17, 2006  
7:00 PM**

**#9 FIREHALL**

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

## **NEXT CLUB MEETING**

**Tuesday, April 11, 2006  
7:30 PM**

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

**BE THERE!**

## **Contests**

**Apr 1** Missouri QSO Party

**Apr 4** YLRL DX-YL to NA-YL CW

**Apr 8** Yuri Gagarin International DX

**Apr 15** Holyland DX Contest  
CW/SSB

**Apr 8-9** Georgia QSO Party

**Apr 8** Montana QSO Party

**Apr 22** DX Colombia International

**Apr 22** Florida QSO Party

**Apr 22** Nebraska QSO Party  
CW/SSB

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

## **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!**

## Operating the Amateur Station (Part3)

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

### 4.4. PROCEDURE WORDS, PHRASES AND ABBREVIATIONS

#### 4.4.1. Phone Procedure Words

A good operator uses the correct phone procedure words and phrases, especially for formal message handling and net operations.

**ACKNOWLEDGE** - Let me know that you have received and understood this message.

**AFFIRMATIVE** - Yes, or Permission granted.

**BREAK** - I hereby indicate the separation between portions of the message (to be used when there is no clear distinction between the text and other portions of the message). It also means "I wish the use of the frequency or repeater for priority traffic". (Otherwise, if you must interrupt, just say your call sign and wait to be acknowledged.)

**BREAK-BREAK** - The double break is reserved for a real *emergency*. Usually the word **MAYDAY** is more appropriate.

**CONFIRM** - My version is ... Is that correct?

**CONTACT** - Say this only when you hear a station on a net with whom you want to talk, but who is not calling. The Net Control Station will give you priority. *Do not "Contact" in response to someone calling you.*

**CORRECTION** - An error has been made in this transmission or message. The correct version is....

**GO AHEAD** - Proceed with your message (or transmission.)

**HOW DO YOU READ?** - Self-explanatory.

**I SAY AGAIN OR SAY AGAIN** - Self explanatory. (Use instead of "I repeat" or "Repeat".)

**NEGATIVE** - No, or Permission not granted, or That is incorrect, or I do not agree.

**OVER** - My transmission is ended. I expect a response from you.\*

**OUT** - This conversation is ended and no reply is expected.

**READBACK** - Repeat all of this message back to me exactly as received after I have given **OVER**. (Do not use the word **REPEAT**).

**RECHECK** - Use this word to indicate to the Net Control Station that you want to get back into the net after going off frequency *to complete some unfinished business*. The Net Control Station will give you priority. An example of proper use is if you went off-frequency to get some required information for someone, or the whole net, and have returned ready to pass on the information. Do not use this word if you are just back to listen.

**ROGER** - This is correct or I have received all of your last transmission.

**SAY AGAIN** - Self-explanatory.

**THAT IS CORRECT** - Self-explanatory.

**VERIFY** - Check text with originator and send correct version.

**WILCO** - Your instructions (or request) received, understood and will be complied with.

\*A good operator never says "OVER AND OUT". These two terms contradict each other!

#### 4.4.2. CW Abbreviations and Prosigns

The following is a list of common abbreviations and prosigns that are used in CW communications. Their use is not mandatory, but can speed communications in that mode. Often these abbreviations also are used in RTTY and other digital mode communications. Prosigns are shown in boldface. Prosigns shown with an overline to indicate that the letters are sent without separation.

AA	All after	NIL	Nothing; I have nothing for you
AB	All before	NM	No more
ABT	About	NR	Number
ADR	Address	NW	Now; I resume transmission
AGN	Again	OB	Old boy
<b>AR</b>	End of message	OC	Old chap
AS	Standby; wait	OM	Old man
ANT	Antenna	OP, OPR	Operator
BCI	Broadcast interference	OT	Old timer; old top
BCL	Broadcast listener'	PBL	Preamble
BCNU	Be seeing you later	PSE	Please
BK	Break;, break me; break in	PWR	Power
<b>BN</b>	All between; been	PX	Press
<b>BT</b>	Break between address and text, or text and signature	R	Received as transmitted
BUG	Semi-automatic key	RCD	Received
B4	Before	RCVR, RX	Receiver
C	Yes	REF	Refer to; referring to; reference
CFM	Confirm; I confirm	RFI	Radio frequency interference
CK	Check	RIG	Station equipment
CL	I am closing my staion; call	RPT	Repeat; I repeat; report'
CLD, CLG	Called; calling	RTTY	Radioteletype
CQ	Calling any station	RX	Receiver
CUD	Could	SASE	Self addressed stamped envelope
CUL	See you later	SED	Said
CW	Continuous Wave (radiotelegraph)	<u>SIG</u>	Signature; signal
DLD, DLVD	Delivered	<b>SK</b>	Out; no reply expected. Send before your call sign
DR	Dear	SKED	Schedule
DX	Distance, foreign countries	SRI	Sorry
ES	And, &	SSB	Single sideband
FB	Fine business, excellent	SVC	Service; prefix to service message
FM	Frequency modulation	T	Zero (the numeral "0" eg. 1TT Watts)
GA	Go ahead (or resume sending)	TFC	Traffic
GB	Good-bye	TMW	Tomorrow
GBA	Give better address	TNX, TKS	Thanks
GE	Good evening	TT	That
GG	Going	TU	Thank you
GM	Good morning	TVI	Television interference
GN	Good night	TX	Transmitter
GND	Ground	TXT	Text
GUD	Good	UR, URS	Your; you're; yours
HH	Error in sending. Resend the word sent in error	VFO	Variable frequency oscillator
HI	The telegraph laugh; high	VY	Very
HR	Here; hear	WA	Word after'
HV	Have	WB	Word before
HW	How	WD, WDS	Word; words
<u>IMI</u>	Repeat; I say again	WKD, WKG	Worked; working
<b>K</b>	Invitation for any station to transmit	WL	Well; will
<b>KN</b>	Invitation for specific station to transmit	WUD	Would
LID	A poor operator	XCVR	Transceiver
MA, MILS	Milliamperes	XMTR, TX	Transmitter
MSG	Message; prefix to radiogram	XTAL	Crystal
N	No; or nine (eg. 5NN)	XYL, YF	Wife
NCS	Net control station	YL	Young lady; girlfriend
ND	Nothing doing	73*	Best regards
		88*	Love and kisses

\* These are already plural. Do not say 73's or 88's

### 4.4.3 The R-S-T System

#### Readability

- Unreadable
- Barely readable, occasional words distinguishable
- Readable with considerable difficulty
- Readable with practically no difficulty
- Perfectly readable

#### Signal Strength \*

- 1 Faint signals, barely perceptible
- 2 Very weak signals
- 3 Weak signals
- 4 Fair signals
- 5 Fairly good signals
- 6 Good signals
- 7 Moderately strong signals
- 8 Strong signals
- 9 Extremely strong signals

#### Tone (Used on CW only)

- 1 Sixty-Hertz AC, very rough and broad
- 2 Very rough AC, very harsh and broad
- 3 Rough AC tone, rectified but not filtered
- 4 Rough note, some filtering
- 5 Filtered rectified AC but strong ripple
- 6 Filtered tone, definite ripple
- 7 Near perfect tone, trace of ripple
- 8 Near pure tone, slight trace of modulation
- 9 Perfect tone
- C added to indicate Chirp on signal
- K added to indicate Key Clicks present on signal

It is common phone practice to give an S-Meter reading such as 20 dB over S9. Some stations give S9 reports to all stations to save time and discussion particularly during busy contests. This practice defeats the purpose of a signal report.

### 4.4.4 International Q Signals

The following Q Signals are the ones used most frequently in the amateur radio service. Q Signals take the form of a question only when followed by a question mark "?". It is not considered good practice to use Q signals in phone operation.

- QRG? Will you tell me my exact frequency (or that of \_\_\_\_\_)?
- QRG Your exact frequency (or that of \_\_\_\_\_) is \_\_\_\_\_.
- QRL I am busy (with \_\_\_\_\_). Please do not interfere.
- QRL? Are you busy? Is this frequency in use?
- QRM Your transmission is being interfered with (1 - scarcely, 2 - slightly, 3 - moderately, 4 - severely, 5 - extremely)
- QRM? Is my transmission being interfered with?
- QRN I am troubled by static (1 - scarcely, 2 - slightly, 3 - moderately, 4 - severely, 5 - extremely)
- QRN? Are you troubled by static?
- QRO Increase power.
- QRO? Shall I increase power?
- QRP Decrease power.
- QRP? Shall I decrease power?
- QRQ Send faster (\_\_\_\_\_ w.p.m.)
- QRQ? Shall I send faster?
- QRS Send more slowly (\_\_\_\_\_ w.p.m.)
- QRS? Shall I send more slowly?
- QRT Stop sending.
- QRT? Shall I stop sending?
- QRU I have nothing for you.
- QRU? Have you anything for me?
- QRV I am ready.
- QRV? Are you ready?
- QRX I will call you again (at \_\_\_\_\_ hrs on kHz)
- QRX? Will you call me again? (at \_\_\_\_\_ hrs on \_\_\_\_\_ kHz)
- QRZ You are being called by \_\_\_\_\_ (on kHz)
- QRZ? Who is calling me?
- QSA Your signal strength is (1 to 5)
- QSA? What is my signal strength?
- QSB Your signals are fading.
- QSB? Are my signals fading?
- QSK I can hear you between signals; you can break in
- QSK? Can you hear between signals; can I break in?
- QSL I am acknowledging receipt (of message or transmission).
- QSL? Can you acknowledge receipt (of message or transmission)?
- QSN I did hear you (or \_\_\_\_\_) on \_\_\_\_\_ kHz.
- QSN? Did you hear me (or \_\_\_\_\_) on \_\_\_\_\_ kHz.
- QSO I can communicate with direct (or through \_\_\_\_\_)

QSO? Can you communicate with \_\_\_\_\_  
Direct (or through \_\_\_\_\_)?

QSP Will you relay to \_\_\_\_\_?

QST General call to amateurs and  
ARRL members.

QSX I am listening to \_\_\_\_\_ on  
\_\_\_\_\_ kHz.

QSX Will you listen to \_\_\_\_\_ on \_\_\_\_\_  
kHz?

QSY Change to transmission on another  
frequency (or on \_\_\_\_\_ kHz).

QSY? Shall I change transmission to  
Another frequency? (or on \_\_\_\_\_  
kHz).

QTB I do not agree with your counting of  
words. I will repeat the first letter or  
digit of every group.

QTBj? Do you agree with my counting of  
words?

QTC I have messages for you (or for \_\_\_\_).

QTC? How many messages have you to  
send?

QTH My location is \_\_\_\_\_

QTH? What is your location?

QTR The correct time is \_\_\_\_\_

QTR? What is the correct time?

QUA I have news of \_\_\_\_\_

QUA? Do you have news of \_\_\_\_\_?

QNL Your net frequency is Low.

QNM\* You are QRMing the net. Please  
stand by.

QNN Net Control Station is ; What station  
has Net Control?

QNO Station is leaving net

QNP Unable to copy you. Unable to  
Copy \_\_\_\_\_

QNQ Move frequency to and wait for  
\_\_\_\_\_ to finish handling traffic.  
Then send him traffic for \_\_\_\_\_

QNR Answer \_\_\_\_\_ and Receive traffic

QNS Following stations are in the net.  
(Give list)\* -Request list of stations  
in the net.

QNT I request permission to leave the  
net for \_\_\_\_\_ minutes.

QNU\* The net has traffic for you. Please  
stand by.

QNV\* Establish contact with \_\_\_\_\_  
on his frequency. If successful,  
move to \_\_\_\_\_ and send  
him traffic for \_\_\_\_\_

QNW How do you route messages for  
\_\_\_\_\_?

QNX You are excused from the net\*

QNX? Request to be excused from the  
net.

QNY? Shift to another frequency (or kHz)  
to clear traffic with \_\_\_\_\_

QNZ Zero beat your signal with mine.

\* For use only by Net Control Station.

#### 4.4.5 ARRL QN Signals for CW Net Use

The QN signals are for use only in amateur CW nets - not on phone nets. They are not for use in casual amateur conversation. QN signals need not be followed by a question mark, even though the meaning may be interrogatory.

QNA\* Answer in prearranged order

QNB Act as a relay between .\_\_\_\_ and \_\_\_\_

QNC All net stations please copy. I have  
a message for all net stations.

QND Net is Directed (controlled by a net  
control station)

QNE\* Entire net please standby.

QNF Net is Free (not controlled)

QNG Please take over as net control  
station

QNH Your net frequency is High

QNI\* Net stations please report in. I am  
reporting into the net (Follow with  
traffic list, or QRU)

QNJ Can you copy me (or \_\_\_\_)?

QNK\* Please transmit message for \_\_\_\_\_  
to \_\_\_\_\_

#### 4.5. FREQUENCIES AND BANDWIDTHS IN CANADA AND ITU REGION 2

Stations operating in

- a. Canadian territory, or
- b. Canadian amateur stations in international territory within ITU Region 2 shall use the frequencies and bandwidths specified in Schedule I of RIC-2

##### 4.5.1. Amateur Frequencies and Wavelength Equivalence

Amateur operators often refer to the amateur frequency allocations in terms of wavelength, instead of the frequency in Hertz. The following is a list of popular amateur bands and the wavelength equivalent.

Frequency Band (in MHz)		Wavelength
1240.0	to 1300.0	23 centimetres
902.00	to 928.00	33 centimetres
430.00	to 440.00	70 centimetres
220.00	to 225.00	1.25 metres
144.00	to 148.00	2 metres
50.000	to 54.000	6 metres
28.000	to 29.700	10 metres
24.890	to 24.990	12 metres
21.000	to 21.450	15 metres
18.068	to 18.168	17 metres
14.000	to 14.350	20 metres
10.100	to 10.150	30 metres
7.000	to 7.300	40 metres
3.500	to 4.000	80 metres *
1.800	to 2.000	160 metres

\* This band is often referred to as the 80 Metre band in the CW portion (from 3.5 MHz to about 3.725 MHz) and the 75 Metre band in the phone portion (from about 3.725 MHz to 4.0 MHz).



### **RAC Advisory Committee on a New Entry Level Certificate**

The RAC Board of Directors has authorized the formation of an Advisory Committee under the leadership of Midwest Director Bj Madsen, VE5FX, to examine whether Industry Canada should be asked to institute a new Entry Level Certificate for the Amateur Service in Canada. The committee is considering the very successful entry level Foundation Licence that has been implemented in the UK and Australia to encourage youth to take an interest in science and radio and to promote growth in amateur radio. The committee will seek input from Canadian radio amateurs as to what should be done in Canada. For the scope and details of the Advisory Committee's work, and how to contribute, see the details on the Latest News page of the RAC web site at <http://www.rac.ca>.

## **FOR SALE**

**Yaesu HF ft757 ox - \$200**

**ICOM VHF 2M IC255A -\$100**

**Yaesu Ft207R VHF -\$30**

**Yaesu FT 101 -\$100**

**Hy gain Antenna Model 18 AVT/wb-a  
vert \$50**

**Max Cave  
384- 1890**

## **Elections**

**Nominations followed by elections will be held at the April meeting.**

**The following are up for election;**

**Vice President  
Treasurer  
2 year directors – 2  
1 year director**

# Silent Key

**Walter Geddes VE5WG**

b. 1919 – d. March 8, 2006



GEDDES - Walter died peacefully, at the age of 87 years, on March 08, 2006. He was born in Lancer, Saskatchewan in 1919 where he lived until he moved to Dodslan, Saskatchewan with his family in 1921. He attended school and worked in Dodslan

until he enlisted with the 67th Light A.A. Battery R.C.A. 7th L.A.A. Regiment at the age of 21. He was stationed in England where he met Jean, his loving wife of 60 years. Walter is survived by Jean; their children and spouses, Anne and Edwin Cook, and Richard and Sharon Geddes; and his grandchildren, Janet Cook (Edward Gamble), Shelley Geddes, and Christopher Geddes. His family was blessed to sit with him through the last days of his life to reminisce and celebrate their wonderful years together. Many laughs and "Wally" stories were shared. What became clear was the love that Walter and his family shared! Walter saw tremendous change over his life, which he embraced with curiosity and passion for technology. This was evident in his chosen career in pipeline operation and maintenance. In 1936 at the age of 15 he became one of our provinces first amateur radio operators. There were many projects between his early interest in radios and his discovery of computers, used initially to track satellite locations for his radios, but ultimately to provide hours of exploration and enjoyment. Walter designed and constructed a tent trailer long before they became fashionable, renovated the family cottage, built and flew model airplanes and consumed the family basement with model railroads. Walter and Jean enjoyed many trips together as they fulfilled their love of travel. There will be no funeral service at Walter's request. Walter's family would like to express their sincere thanks to the wonderful staff of the Neurology Department of the Royal University Hospital that were simply wonderful! Memorial donations may be directed to the RUH Foundation, 6300 103 Hospital Drive, S7N 0W8.

## Upcoming Hamfests:

**April 8<sup>th</sup> – Moose Jaw Flea Market - Church of Our Lady**  
7am vendor set up  
8am breakfast  
9am selling begins

**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**

## April Program

**Derek Bereza VE5SD**  
**Will be giving a presentation on IRLP immediately after the April general meeting.**

## Congratulations to Ethan Herman on passing his Basic exam



Congratulations Ethan on a job well done. Welcome to the amateur radio fraternity and we hope you enjoy the hobby for many years to come.

# Saskatoon Amateur Radio Club

## Meeting Minutes

March 14, 2006, 7:30pm

Chaired by Ron VE5RMS

### **Correction to February Minutes:**

There was some concern about the two dates described in the previous minutes for the mini-hamfest. The first date mentioned was recorded from discussions during the meeting, whereas the second date was the actual date found after researching it. The second date is the accurate date and will be repeated at the end of these minutes.

**Motion to accept the previous meeting minutes:** as circulated in the February Feedline, made by Ken VE5KRB, and seconded by Barb VA5BRB.

**Treasurers Report:** presented by Al, VE5MDC. Motion to accept the treasurers report made by Volker VE5VAP, seconded by Brian VE5CUL.

### **Nominations for Elected SARC Positions:**

Positions requiring nominations and their current incumbents:

Vice President (2yr) - VE5RJA

Treasurer (2yr) - VE5MDC

Director (2yr) - VE5NAT

Director (2yr) - VE5PER

Director (1yr) - VE5NED

Nominees (round 1):

VP	Lee, VE5LEE	- volunteered
Treasurer	Al, VE5MDC	- nominated by Ron VE5RMS
Director	Volker, VE5VAP	- volunteered
	John, VE5RJA	- nominated by Brian VE5CUL
	Per, VE5PER	- volunteered
	Mike, VE5MMG	- nominated by Ned VE5NED

A second round of nominations will occur during the next club meeting, followed by a vote.

### **Other Business:**

Wally Geddes VE5WG from Saskatoon became a silent key on March 8th. He had been a ham since 1936 at the age of 15, and later became involved in

working satellites and explored his other hobbies of model planes and trains. A moment of silence was held for Wally.

The MooseJaw Flea Market is potentially going to be held on April 8th. Ron VA5RON to verify.

Need to know if there are any updates on the upcoming Sask Marathon preparations from Gus.

Herb VE5HE mentioned that he was concerned by the early checkout process occurring during the 7pm 80M net. The process was counter productive to the real purpose of the net which was to exchange information and was discouraging to those trying to have the patience to wait. Ned VE5NED suggested we contact the net controller or SARL to recommend they stop calling for early checkouts. Herb and Ned will draft up a letter of this suggestion.

Dave Glass Award. Ken VE5KRB suggested we need to announce the request for provincial wide nominations on the provincial nets. The following hams will announce the message on three nets (Ron VA5RON - 75M net, Ron VE5RMS - provincial 2M net, Herb VE5HE - 40M net)

Ken VE5KRB also reminded us of the upcoming Little Bear Lake Weekend.

50/50 draw won by Don VE5LQ.

Les VE5LPP motioned to Adjourn at 8:15 pm.

Minutes by Terry VE5HF

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Terry Shuya VE5HF  
Recording Secretary

