



AARC OVER

Keeping Austin Wireless
for Over 91 Years!

Bulletin of Austin Amateur Radio Clubs

ISSN 1067-0262

December 2011

Happy Holidays!

Issue 12-2011

Copeland Scholarship—Spread the Word!

Club members are reminded if there is a ham you know who plans on going to college in 2012, that ham scholarships applications will soon be due for the Jesse Copeland Austin Amateur Radio Club Scholarship Fund.

The completed application must in the hands of the Austin Community Foundation Office on Guadalupe St. across from the state hospital before Jan. 31, 2012.

Given the upcoming holidays, that is really not much time.

The applicant must download the application form from the Austin Community Foundation web page.

With the completed and signed application, (check your entry!), there must also be ALL required materials: 1) a copy of the Amateur Radio license. Both sides of the smaller license should be copied and attached to the application sent to ACF.

2) in addition, there must be a certified copy by the last school attended, of the most recent transcript. No on line transcripts accepted. Certified means the Registrar of the School affixes the school seal.

3) Accurate financial resources of the family must be reported on the application.

4) An essay following the instructions of the ACF application must be written and attached to the application.

(Continued on page 4)

Periodic Events

Sun	7:30 p.m.	Travis ARES net	147.36 MHz + (131.8)
Sun	8:00 p.m.	Travis ARES Packet	145.73 MHz -
Sun	8:00 p.m.	Williamson ARES net	146.64 MHz - (162.2)
Sun	9:00 p.m.	ARO Swapnet	146.94 MHz -
Sun	(After Swapnet)	Newsline	146.94 MHz -
Mon.	7:30 p.m.	STX ARES Net	3.873 MHz
Tues.	7:30 p.m.	Hays ARES net	444.150 + (114.8)
Tues.	8:00 p.m.	Bastrop ARES Net	443.750 + (114.8)
Wed	11:30 a.m.	Ham Social Luncheon, Jim's	146.94 MHz -
Thu	9:00 p.m.	2m SSB Net	144.250 (USB)
Thu	11:00 a.m.	Lunch, Pokey Joe's 183&Great Hills	444.1 MHz+
Fri	8:00 p.m.	6m SSB Net	50.230(texasvhf.org/)
Sat	7:00 - 8:30a.m.	Breakfast @ Waterloo Ice House	444.1 MHz +
Sat	9:00 a.m.	Chapter 67 QCWA QSO Net.	3.920 MHz LSB
Daily	6:30 p.m.	Central Texas Traffic Net	147.14MHz+

In This Issue

Story	Page
Over the WWaves	3
Club Minutes	5
Christmas Party Info	6
Club Shirts	8
DX Pediton	8
XYL Cartoon	9

Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on November 3rd at Bethany United Methodist Church :

Technician Class Licenses Processed

Chinmay Aladangady KF5NIY
Laura P. Lang KF5NIV
Taylor D. Spaulding KF5NJD
Stuart A. Wolfe KF5NIX

Terence P. Carroll KF5NJE
Leslie L. Schmidt KF5NJB
Samuel R. Treadgold KF5NJA

Brandon L. Crosbie KF5NIW
Joseph Shih KF5NJC
Brendan Tseung KF5NIZ

General Class Licenses Processed

Thomas A. Harsh K5AAT
Louis Palczer II KF5NJJ

Lane M. Kolbly KF5NJJ
Kira C. Prentice KF5NJI

Michael S. Laughlin KF5NJJ

Extra Class License Processed

Steven F. Lang WB5ZIL

Examiners Participating in this Test Session

Tony Davee KM5JH
Gene Hinkle K5PA

Larry Gunter WB5BEK
Joe Makeever W5HS

Bruce Harrell KJ5LW
Donald Sitze AF6VA

Next ARRL VE Test Sessions

December 3rd - Bethany United Methodist Church, Disciple Bldg. Room 202
January 7th- Bethany United Methodist Church, Disciple Bldg. Room 202

TNX ES 73 DE W5HS
Joe

11-19-2011

The South Austin W5YI VE team heartily congratulates the following person who earned a new amateur radio licenses at our November 15th session:

Extra Class – (none)

General Class – (none)

Technician Class - (new)

Chris D. Furlong

Our administering volunteer examiners were:

Craig Bean, AC5KW
Hugh Brown, NT5O

Jim Greenwood, AB5EK
Wally Marusa, K5WLY

Gary Popp, AE5JR

Our next two amateur radio exam sessions will start at
2 PM on December 17th and January 21st, 2012 in
room 118 of Fleck Hall on the campus of St. Edward's University.
All sessions are walk-in and the exam fee is \$14.

For additional information regarding our amateur radio examination sessions,
please contact Jim, AB5EK at (512) 327-6184 or by e-mail to
hamradioexams@hotmail.com or visit our web page at
hamradioexams@hotmail.com or visit our web page at <http://texashams.org/w5yi-austin/>

President	Mitch London	KD5HCV	326-3096	president@austinhams.org
Vice President	Lori Schmidt	KM5MQ	632-6789	vice-president@austinhams.org
Treasurer	Jay Hoffman	KA5OST	388-4404	treasurer@austinhams.org
Secretary	Alan Russell	KE5DTR	851-1806	secretary@austinhams.org
Editor, AARCOVER	Mitch London	KD5HCV	326-3096	aarcover @austinhams.org
Technical (Repeater Contact)	Stuart Rohre	K5KVH	255-3932	k5kvh@arrl.net
ARRL Travis Co. Emer. Coord.	Glen Reid	K5FX	263-5700	k5fx@arrl.net
TC ARES PIO	Steven Polunsky	W5SMP		tcares-pio@gmail.net

Please contact a club officer, attend a meeting, mail us to join the organization, you can also join or renew online.

The Austin Amateur Radio Club, Inc. (AARC) has annual membership dues of \$20.00 per person or \$30.00 per family. AARC maintains the following repeaters:

FREQUENCY	AUTOPATCH	USE
146.780	No	
146.880	Yes	General
146.940 107.2 PL Tone	No	Most popular, WX, Swapnet & Newslite
224.800	No	
444.100	No	
444.650 +5	No	70cm D-Star Repeater [W5KA]
146.480/+1.0	No	2m D-Star Repeater [W5KA C]
1293.200/-20	No	23cm D-Star Repeater[W5KA A]
1248.200	No	23cm D-Star DD (data, simplex/reversible) [W5KA A]

Persons using the repeaters are asked to join the club to help support these valuable resources. To use the autopatch, announce your call sign, press * and dial the phone number then release the PTT. When finished, press # to hang up the phone. Dial 911 (no * needed) for emergency services.

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Members and other readers are encouraged to submit material for publication. Call Mitch London, if mailed submissions are required. Electronic files are encouraged! Submissions may be edited for publication. **Deadline is the 20th of the month.** Material may be used in a later issue. Unless otherwise noted, permission is granted to reprint AARCOVER articles, provided you credit the author and the AARCOVER.

“NOUJR and His Friends” is reprinted with permission by Greg Trook, Trook Enterprises. Cartoons may not be reprinted without written permission. For information: <http://incolor.inebraska.com/n0ujr>.

“XYL” is printed with permission by Carolyn Canfield, KE5DTS. Cartoons may not be reprinted without written permission.

For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:

See Jay Hoffman, KA5OST (512) 388-4404 ka5ost@arrl.net

Jay handles all changes for membership information .

Over the WWWaves...

A Collection of Various Websites sent in your friendly neighborhood hams...

Looking at a crimper for Powerpoles??

http://www.ntrak.org/ntrak_pp_compare.pdf

Rick Herndon, K5FNI

Hallicrafters film during WW2

http://www.youtube.com/watch?v=Jps0_2adUvo&feature=player_embedded

Forwarded by Juanita Miyasaki, KD5OIE

Here is a newsletter from Chip Quik a product that reduces the melting point of SMD components solder connections allowing chip removal without board damage. Now you can repair or build a SMD part radio!

http://chipquik.com/newsletters/cq_new_june_2004.htm

Stuart Rohre, K5KVH

(Continued from page 1) Copeland Scholarship

5) ACF may require additional information, thus review the requirements on the form you download from the web site of ACF.

6) The radio club does not keep blank applications. It is the responsibility of the applicant to meet all required submissions.

7) It is recognized that the Transcript will be the last information the student can obtain, and that will likely be after the exams of the Fall semester, but it must be sent in with the other required materials, or sent direct from the school to ACF, but by Jan. 31, 2012.

No guarantee of how much a student may qualify for can be given, as it depends each year on the earnings on the fund principal for the previous year and number of applicants who qualify. However greater amounts are given for a four year college, than for local community college attendance. The Board may reject applications for other than "brick and mortar" fully recognized institutions. Non degree or non certificate courses are excluded from support, such as professional continuing education. The focus of the program is for new college students with a ham radio background. However, a graduate student may apply, or a student "older than average" with a degree plan.

All funds when granted, are sent by ACF directly to the school upon proof of the applicant's enrollment. Funds may be applied to the usual college expenses of tuition, books, and in some cases for special needs (if approved). Unused funds must be returned by the college to ACF.

Once a scholar is granted, they must maintain a B average and reapply each year. They will be evaluated on progress and compared to other applicants.

This program has granted about \$250,000 in scholarships over its history. It was endowed by a bequest from Mr. and Mrs. Jesse Copeland.

Jesse was W5TQ and a long time club member. His call is now on our CETECC club station and regularly heard during ARES activations.

Prospective scholars can download the application forms at any time, and then have ample time to work on their essay during Thanksgiving and Christmas holidays.

Participation in radio clubs and/or AARC, as well as other activities factors into awards, especially when there are several similarly ranked applicants.

Let ham families with college age hams know about this program for the Greater Austin area, ie Austin/Travis Co., and the counties touching Travis Co. ■

Hams in Action!

Roger Wines W5WIA and John Durham KD5KFR at August public safety event.

Photo by: Steven Polunsky



AARC Meeting Minutes: November 1, 2011

Meeting called to order: 7:01pm by President Mitch London, KD5HCV.

Meeting started with a welcome to all.

We had 35 in attendance, 1 visitor, and no new members. No upgrades were reported.

Minutes: October's minutes approved as written in AARCOVER.

Past Events: Outlaw 100; Scouting JOTA; Texoma Hamarama.

Upcoming Events/Announcements: SoTx SET (11/5), listen to the .94 repeater @ 8am, please check in & volunteer; CATRAC Hospital Drill (11/10); AARC @ Sea (11/1-6) as Lori Schmidt, KM5MQ, et al, operate from the Carnival cruise ship *Conquest* (Jeff played an audio recording of his contact with the ship and Lori); Ham Class (1/7, 14, 21, & 28) needs students, has instructors; 3M Half Marathon (1/29) needs ham volunteers; Christmas Party (12/6) @ Cannoli Joe's featuring the QLF & Tabletop Decoration Contests, music, door prizes, and the HOTY Award; Big Bend 50 (1/15) is a 50K, 25K, & 10K run in Big Bend National Park (and great fun for hams); and Fiesta San Antonio (1/14). HeathKit is back in the kit business and accepting ideas from the public. 2012 Membership Dues are now due. Background and application information was given concerning the Copeland Scholarship. Don't forget the QRP and QCWA meetings. QCWA is having its yearly planning meeting this month. Orders can now be placed for club shirts. Both Polo and T-shirt styles are available. Embroidering options, pricing, sizes, and cost of shipping were discussed while two example shirts were displayed. These items, other upcoming events, and scheduled presentations are listed in the AARC Swapnet newsletter, at www.austinhams.org, and on the Yahoo user group.

REPORTS

President: none.

Vice-President: none (too busy enjoying cruise).

Treasurer: regarding the .94 repeater move, we estimated ~\$17K but spent only \$6K with ~\$3500 more to go to be done; account totals given; we are now handling a very small account on behalf of K5LBJ; and we have 188 members.

Editor: send articles; and look for an article in next newsletter about the JOTA event.

Tech Committee: renew your membership so money is available for repeater equipment and work to maintain them; .94 may go down at any time if tower team is ready to work; 2M & 440 antennas are tested & ready; need 220 antenna so we can test & ready it; once the repeater move has happened, we will do some testing and be finished; thanks to Mitch for hauling away old, useless stuff from the radio room at Red Cross after the HSMM meeting as part of an effort to update some of the equipment in the room.

ARES: try to attend the 2nd Tuesday planning meeting.

SIG/Other: none.

Space Wx: MUF, Solar Flux, and sunspot count are all way up. This cycle is on pace to be as good as the last cycle. Geomagnetic activity is up with good results. Solar Winds jumped way up once some CME's got to Earth. The Aurora Borealis was visible as far south as Arkansas. Currently, a sunspot group is throwing lots of C- & M-Flares. Forecast: quiet to unsettled for short term with conditions remaining steady and good.

Old Business: Mitch wanted the club to buy 100 club T-shirts to sell to members, to other people, at Belton, at events, and at other places, but the club would have to vote on it due to the cost being over \$500. Jay said the club would have to collect sales tax if we sold the shirts, but he would file the paperwork so we could. A motion was made and passed to buy 100 club T-shirts for the club to sell.

New Business: Officer Elections were held. The candidates were announced with some background info on each. Extra nominations were asked for, none heard so nominations ceased. President Mitch London, KD5HCV, Vice-President Lori Schmidt, KM5MQ, and Secretary Alan Russell, KE5DTR, were unopposed; so a motion was made and passed to accept their re-election to their current offices. The election for Treasurer was between Jay Hoffman, KA5OST, and Steven Bonds, KF5KZO. Jay was re-elected as Treasurer.

Ham of the Month: Steven Sullivan, W2IEG, & Ronny Risinger, KC5EES.

Door Prizes: Steven Bonds, KF5KZO – 75th Anniversary ARES Patch.

Meeting Adjourned: 8:21pm.

Presentation: none due to elections.



2011 AARC Christmas Party!!

When: December 6th at 6pm

Where: Cannoli Joe's Gourmet Italian Feast
4715 US Hwy 290 W

Tickets are \$20 per person & includes:

All you care to eat Italian Buffet

A non-alcoholic beverage

Dessert

Ham of the Year Presentation

Entertainment!

Space is limited so RSVP by 12/2/2011

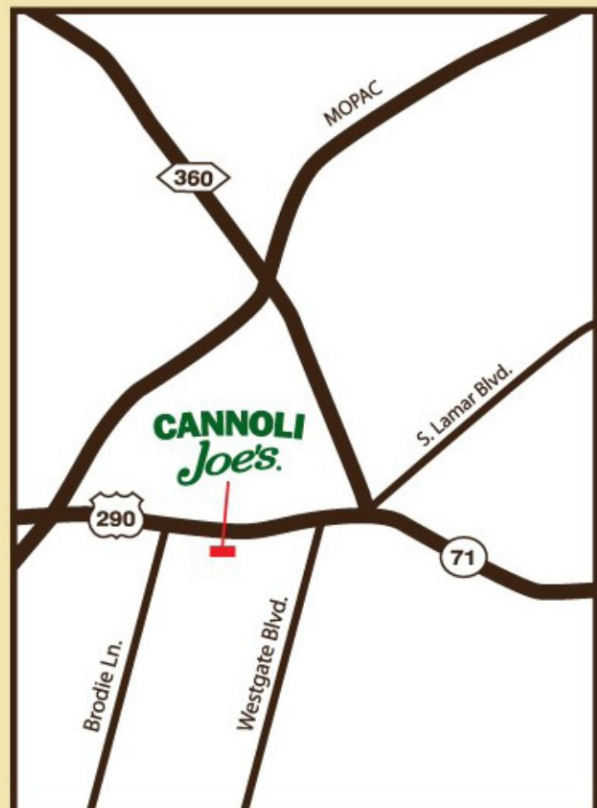
Tickets can be purchased:

*Online at www.austinhams.org

*By Mail—AARC, PO Boc 4739 Austin, TX 78765

*In Person: See Jay, KA5OST, AARC Treasurer

Don't forget, we will have the famous QLF competition so get your left foot ready! Also, there is the table top decoration contest as well as door prizes!



Happy New Year...Almost Club Dues for 2012 are Due!

Please send your payment of \$20 for individuals or \$30 for family (hams in same household)
Be sure include any change of contact/license info.

You can pay online here - <http://www.austinhams.org/join.htm>

Just print and fill out the form below!

And mail to:
The Austin Amateur Radio Club
PO Box 4739
Austin, TX
78765-4739



JOIN TODAY!!!

The Austin Amateur Radio Club, Inc.
Membership Form for the year ending December 31, 20____

Application for: (check applicable box and enclose payment)
 AARC Individual \$20
 Family (all with same mailing address) \$30
 Student rate (thru 12th grade, no mail) \$ 5
 ARRL Individual ARRL (new or renewal) \$39
 Senior ARRL (new or renewal) \$36
 Family member ARRL (at same address) - \$8ea x ____ =
 First time ARRL discount -\$15
 TEXAS HAMPAC (Political Action Committee) \$ ____
 Total Enclosed _____

Mail this form with payment to:
AARC - P O Box 4739 - Austin, TX 78765-4739

Check One: -New member -Renew membership -Update Info
 ARRL member Y N License class E A G T+ T N Year first licensed _____

Call sign _____ First Name _____ Last Name _____
 Mail Address _____
 City/St/Zip _____
 Hm Ph _____ Cel Ph _____ Wk Ph _____
 Pager # _____ e-mail _____

Please list additional family members here and check the family member box above.

2 nd Call _____ Name _____	ARRL mem Y N
3 rd Call _____ Name _____	ARRL mem Y N
4 th Call _____ Name _____	ARRL mem Y N

I/WE have interest in the following:

<input type="checkbox"/> Monthly meetings	<input type="checkbox"/> Field Day	<input type="checkbox"/> Working Events	<input type="checkbox"/> Transmitter Hunts
<input type="checkbox"/> Talking on 2 mtrs	<input type="checkbox"/> DXing	<input type="checkbox"/> Newsletter	<input type="checkbox"/> Holding Office
<input type="checkbox"/> Presenting programs	<input type="checkbox"/> CW	<input type="checkbox"/> Net Control	<input type="checkbox"/> Emergency Comm's
<input type="checkbox"/> Holding ARRL office	<input type="checkbox"/> Education	<input type="checkbox"/> Public Awareness	<input type="checkbox"/> Working w/Youth
<input type="checkbox"/> Others _____			

----- (for office use only) -----
 Rcvd ___/___/___ Amt \$ ___ Ck ___ Cash ___ Dep ___ Post ___

JMH 20110315

ANNOUNCING—New Club Shirts!

The AARC has designed a new polo shirt and we are also bringing back the popular “Ham Are Radioactive” t-shirts!

The meeting in November was the grand unveiling of the new polo shirts! But to give you a general idea of what they will look like I have made up the graphic below. Keep in mind it is not exactly what they shirts will look like, but it will give you an idea.



**HAMS ARE
“RADIO-ACTIVE”**



**THE AUSTIN AMATEUR
RADIO CLUB**

Not seen, is on the sleeve we have our slogan, “Keeping Austin Wireless Since 1919” You will also be able to add your first name and call sign to these shirts for an extra fee. If you would like to order one of these shirts or both, go to www.austinhams.org/shirt to download an order form.

British Ham Plans PSK31 DXpedition to Myanmar

From ARRL Letter Nov. 17th

[The Daily DX](#) is reporting that Simon Luttrell, [HS0ZIB/G6JFY](#), has been granted an "invitation" from senior officials within the Myanmar Ministry of Post and Telecommunications and the Ministry of Tourism to visit Bagan, Myanmar to operate a four-day PSK31 "micro DXpedition." Myanmar -- formerly known as Burma -- has not been on the Amateur Radio bands since 2004. Although Luttrell does not yet have a formal date for his first operation, his Myanmar contacts want him to "come soon for about five days." Luttrell told *The Daily DX* that he is hoping to go to Myanmar later this month or in early December, "but must wait for the 'final go-ahead' from Myanmar authorities."

Luttrell's initial activity will be on 20 meters only, running about 50 W into a wire antenna. "This operation is intended to be an initial demonstration station," he told *The Daily DX*, "and my plans for regular 'low-profile' PSK DXpeditions from different tourist locations within Myanmar have been warmly received. Whilst some may scoff at such a micro station, others will be fully aware that a small station of this type can easily achieve global contacts." He said that he hopes that this will be the first of many operations from XZ, as he lives just three hours from the Thai/Myanmar border.

Officers Meeting Recap

Antenna Analyzer—The new club antenna analyzer arrived and Jay brought it to show the officers. It is a very compact design with one major note, this one should not be hooked up to a transmitting radio. Instructions are included.

Christmas Party— The Sweet Adelines were booked already this year and so the officers decided to have DJ Jazzy Jeff (Schmidt) bring a collection of holiday tunes. Tickets will be sold at the door, however next year a higher price at the door will be imposed so that will allow us to get a better head count in advance. The Ham of the Year was selected and a plaque is being made up. Door prizes have been bought, though a grand prize is still being sought.

Club Shirts— Some orders have been taken for the new club polo shirts and the Hams are Radio active shirt. The first batch of orders should be ready by the holiday party.

SATERN- A club member brought up the Salvation Army Amateur Radio which is now defunct in Austin. It was suggested by the member that the club look into getting it going again. The officers felt that if the Salvation Army wanted a station in Austin they would have kept it going and it should not be up to the club to start one.

Skywarn- It was mentioned that skywarn is coming up.

Bandera 100 K Race— The race in Bandera is looking for volunteers and it was decided that the info will be sent out to members but not as a club event.

ARO —The club received a letter from the IRS that the Austin Repeater Organization is no longer recognized as a tax free organization as filings have not been done for the past 3 years. The AARC has not used the ARO for being tax exempt for many years and the letter was just a formality.

XYL

By Carolyn Canfield, KE5DTS

“Can I borrow your cell phone, sir?”



AARC Meeting Info.

Waterloo Icehouse

**8600 Burnet Rd. South of 183
(Come early and have dinner!)**

Business Meeting 7:00 pm

November 1—No business meeting, Christmas Party See Page 6!

Officers Meeting 7:00 pm

November 15 - No Officers meeting this month.

2011 Calendar of Events

Dec 2-3 Austin/San Antonio Natl. Weather Service 13th annual Skywarn Recognition Day 2011
1800-1800hrs 2 Dec - 3 Dec.

Contact Louis K5STX@yahoo.com
More info at <http://wx5fwd.org/SRD2011>

Dec 6 1st Tue 6PM- AARC Christmas Party-
Cannoli Joe's in South Austin. (no AARC Meeting Waterloo Ice House 8600 Burnet Rd that eve)
QLF Contest, Tabletop Decoration Contest, Music and more!

Please contact Jay KA5OST@arrl.net or pay by Paypal at <http://austinhams.org/join.htm>.

Dec 11 Austin Runners Club 2011 Decker Challenge/Brown Santa 5K HSMM-MESH nodes and have some with web cams to have live video from around the race. Jim K5KTF www.k5ktf.com

Dec 11 Texas 2M FM Simplex Challenge
2 PM to 5 PM CST OPEN to all licensed radio amateurs located within the State of Texas. There will be three (3) categories of entries:
Single Op - Fixed Location
Single Op – Rover/Mobile,
Multi-Op – Rover/Mobile
Full rules and information at <http://www.txvhffm.org/documents/challengerules.pdf>

2011 Upcoming Amateur Exams

ARRL VEC— December 3rd & January 7th 9a.m. at Bethany United Methodist Church. Contact Joe Makeever, W5HS (345-0800) or Joe Thiel, N5SMN (832-0450) for info. \$15 fee.

W5YI VEC- December 17th & January 21st 2p.m. in room 106, Fleck Hall, St. Edwards University. Contact Jim Greenwood, AB5EK@arrl.net, (327-6184) for more info.

<http://texasparadise.com/w5yi-austin>

Upcoming Meetings...

Dec	Jan	Austin Meetings/Happenings	Time	Address
6**	3	AARC Meeting Waterloo Ice House*	7:00 p.m.	8600 Burnet Rd.
10	14	Austin QRP, Alvin's Sandwich Shop	11:00 a.m.	12200 Research Blvd.
20+	16	ATV Club Meeting Mangia's Pizza	7:00 p.m.	12001 Burnet Rd.
17	21	QCWA IHOP 183 Near Duval	1:30 p.m.	11654 Research Blvd.
30	25	Digital Wednesday at Red Cross	7:00 p.m.	2218 Pershing
26+	23	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
27+	24	Travis County A.R.E.S., ARL Auditorium	7:00 p.m.	10000 Burnet Rd.
No+	22	CERT Meeting CTECC	6:30 p.m.	5010 Old Manor Rd.

**AARC Business Meeting is at Waterloo Ice House Come early and grab dinner before the meeting.*

*** AARC Christmas Party—See Page 6*

+Some meeting may not take place due to their proximity to the holidays, check with the clubs for the latest info.