

# AARCOVER

Keeping Austin Wireless  
for Over 94 Years!

Bulletin of Austin Amateur Radio Clubs

ISSN 1067-0262

February 2014

Issue 2-2014

## The Old Man: Rotten QRM

(From ARRL)(Forwarded by Pete Jordahl, K5GM)

01/16/2014

In the early years of the ARRL, co-founder and first President Hiram Percy Maxim occasionally penned editorials in QST magazine using the pseudonym "The Old Man." These "rants" became legendary. As part of the ARRL Centennial celebration, we'll be re-publishing a number of The Old Man's observations throughout the year.

### Rotten QRM (January 1917)

By "The Old Man."

Say, fellows, here's the old man again This time he's all excited and boiling over. In fact he's so wild about some "Rotten" subject that he has fallen back to some queer dialect and shouts about "wouff hong's", "rettysnitches", and some disorder known to the trade as "ugerumf". What do all these mean? Better read the article and see.

—Editor.

This QRM business is getting my Nanny. Here it is midnight, and this msg. from the fellow whose girl has not had a letter from him for a full twenty-four hours, is still stalled. I have smoked myself into a state of funk, the floor is covered with burnt matches, I am losing a perfectly good temper, and there is no sign that this will not continue all night long. How long do these radio bugs sit up at night any way? Right now, as I write, there is

*(Continued on page 7)*

### Periodic Events

Sun	7:00 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	147.100 +
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+

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Austin Amateur Radio Club, Inc., PO BOX 4739, AUSTIN TX 78765-4739, Web site: <http://www.austinhams.org>

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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	
440.650 +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, simp./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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Viewpoints expressed in the AARCOVER do not necessarily reflect those of any club, or of its members, directors, or officers. Material quoted from the ARRL Letter is supplied by the American Radio Relay League, Inc.

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 22nd 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.

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**For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:  
See Jay Hoffman, KA5OST ka5ost @ arrl.net  
Jay handles all changes for membership information .**

## Helicopter Landing Zone Class

This incredible class is organized by the Motorcycle Special Events Team and Air Evac to train emergency and lay personnel on how to select and prepare an emergency helicopter landing zone, how to communicate with the helicopter pilot, how to approach the helicopter and how to package the patient for a fast and safe emergency transport.

When seconds count, citizens of Austin and surrounding communities may at some time be the beneficiaries of this vital training provided by Air Evac.

All emergency personnel such as EMS, fire fighters, law enforcement, search and rescue, emergency response teams, **amateur radio operators**, boy/girl scouts, and others are invited to attend this FREE training class.

Attendees will receive CEU credits based on their organization / department requirements and protocols.

### EVENT DETAILS

16th Annual Landing Zone Safety Training

Saturday, February 8, 2014

Shoreline Christian Center

15201 Burnet Rd

Austin, TX 78728-3503

### AGENDA

08:00 Check-in / Onsite Registration

08:30 Program Starts

- Special Topic Presentation
- APD / TCSAR Dog Demos
- Break / Helicopter Arrival
- LZ Class
- TAKE10 Compressions CPR

All those who pre-register will be eligible for door prizes.

For online registration, please go to [www.mset-tx.org](http://www.mset-tx.org) and click on the Landing Zone Safety Training registration link to pre-register and to be eligible for prizes.

## Austin/South Central Texas 23rd Annual Lou Withrow SkyWarn Training Session

Basic & Advanced SkyWarn Training

NWS Trainer:

Paul Yura / Warning Coordination Meteorologist, NWS/Austin-San Antonio

Date: Saturday / 22 February 2014

Time 9am to 4pm (sign in starts around 8am)

Place: 1020 Grove Boulevard - ACC Riverside, Campus Building G, Room 8100

Session Link (Will be updated with more info over next few weeks):

<http://www.utexas.edu/depts/grg/kimmel/skywarn2014.html>

NWS/Austin-San Antonio Link to other area SkyWarn Sessions:

<http://www.srh.noaa.gov/ewx/skywarn/>

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Troy M. Kimmel, Jr., CBM #25 (AMS)

Senior Lecturer, Studies in Weather and Climate

Manager, Weather and Climate Resource Center

Incident Meteorologist, UT Campus Safety and Security Committee

Department of Geography and the Environment/University of Texas - Austin

Chief Meteorologist, Legendary KOKE-FM (99.3/98.5FM), Austin, TX

Owner/Meteorologist, KimCo Meteorological Services, Austin, TX

[www.troykimmelweather.com](http://www.troykimmelweather.com)

National Councilor, National Weather Association (2008-Current)

**Club Dues for 2014 are Due!**

The new year is here and you might as well get a jump on things by paying your dues for the 2014 year.

Besides the admiration of your friends, you also get guilt free use of all club repeaters, access to club equipment, online help through the use of the Austin Hams Yahoo group and much more! Be the first on your block to be a renewing member in 2013!

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

Just fill out the .pdf form and mail to:

**The Austin Amateur Radio Club**  
**PO Box 4739**  
**Austin, TX 78765-4739**

**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 12<sup>th</sup> 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 <sup>nd</sup> Call _____ Name _____	ARRL mem Y N
3 <sup>rd</sup> Call _____ Name _____	ARRL mem Y N
4 <sup>th</sup> 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 _____			

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

JMH 20110315

**Digital Wednesday/Broadband Hamnet Info**

Meets the 4th Wednesday at 7PM at Arcadian/CATRAC facility on the NW corner of 183 and Technicenter Drive.

Talk in frequency is the AARC repeater, 146.940

Meeting starts on time. If you come after start time, please use 146.52 simplex to contact someone inside who can then let you in.

[www.hsम्म-mesh.org](http://www.hsम्म-mesh.org)

## **Copeland Scholarships Program**

The Austin Community Foundation is pleased to announce the Jesse Copeland Austin Amateur Radio Club Scholarship...

Austin Amateur Radio Club Scholarship Program

In memory of Jesse Copeland, W5TQ

A one-time payment of an amount to be determined will be awarded to those students who hold a valid amateur radio operator's license and have a 3.0 (B) grade average. Students must be from the Central Texas area or connected with the Austin Amateur Radio Club.

### **Application Deadline: January 31**

#### **Selection Criteria:**

1. Proof of amateur radio license – copy attached.
2. Academic preparedness – an official transcript from an accredited high school or college/university needs to be submitted.
3. Extra – curricular activities – list activities on form.
4. Work experience – on form
5. Financial need – on form
6. Essay – Include the college(s) selected, full time or part-time student, career goal if known or primary areas of interest, and give some indication of the motivation of the applicant. Length of essay ranges from one paragraph to one page (max).

Applications will be reviewed in February. Scholarship amounts will vary year to year depending on the endowment earnings and the number of applicants. Payment will be made directly to the scholarship recipient's college of choice.

Scholarship Recipients will be notified by mail.

Below is a direct link to the application.

[http://www.austincommunityfoundation.org/ama/orig/Radio\\_Full\\_Application.pdf](http://www.austincommunityfoundation.org/ama/orig/Radio_Full_Application.pdf)

Please contact me if you have questions or would like additional information.

Best regards,

Amy Allen

Director of Donor Relations

Austin Community Foundation

4315 Guadalupe, Suite 300 Austin, Texas 78751

Direct Line 512 220-1185 T 512 472 GIVE x103 C 512 694-9782

*(Continued from page 1)*

that old gink 2AGJ up in York State fluttering along with that bird-in-the-cage-spark of his, 8YO is yelling his darned head off for somebody over on the Pacific Coast, apparently, 8NH is still trying her best to be ladylike in spite of a full hour of trouble, old 8AEZ is booming out QSA but QRM bad CUL, 9PC is trying to do something to 5BV, I distinctly heard 4DI say a bad word, and to the best of my knowledge and belief, no one has got any-where.

What are we going to do about this business? It used to be that we were perfectly satisfied to listen to SLI and once in a while on Saturday night when we could stay up that late, we would listen to Arlington send time. When we heard some commercial say QRM, we had to look it up on the chart to see what it meant. Later, we began talking to the fellow over on the other side of town and then was born our amateur QRM. Some-times, the "little boy with the spark coil," (the latter is all right, but dog gone the hide of the former) would try to call us at the same time, and we used to think we were in trouble. Still later we used to think we were bothered when we were in the middle of a "conversation" with a fellow in the next town, and some one would butt in. It was about this era that we began to organize Radio Clubs, with high faluting ambitions about "promoting radio communication and controlling inter-ference."

But, when we have a fellow who has not written to his girl for a full twenty-four hours, and who positively must get the msg. to her over in Illinois, it becomes a serious matter to have some one else getting gay with the ether, especially when the latter has no conception of the exist-ence of the word "brevity." One thing I will say, and that is that good old 8AEZ is brief. His spark may drown out every-body in the western hemisphere when he sends, but he is brief. He says what he has to say in a few words in a few signals and he stops. He also does not go in for long technical discussions about gap speed and condenser construction while forty or fifty others of us are waiting with five

What are we going to do about this or six messages each, many of which have business? It used to be that we were been stuck on the pin a week. Far be it from even me, a real blown-in-the-bottle radio grouch, to find any fault or mention any names, but some of the young gentle-men who burn up valuable time every night and thereby multiply this QRM busi-ness, ought to look up in the dictionary the definition of that particular combina-tion of letters indicated by B-R-I-E-F. I could call off a dozen of them right now, and I would if I thought that Editor down east would print them.

The trouble is, the young squirts don't stop to think. They start out and call somebody somewhere every three minutes. Poor girl in 111. who hasn't heard from her fellow in 24 hours. Everybody they hear, they immediately call. If they can't hear anybody, they send a QST something like this:—QST QST QST QST QST QST QST de 1NUT 'INUT 1NUT 1NUT 1NUT 1NUT 1NUT 1NTJT. Any station more than fifty miles distant hearing these sigs. please send pos-tal to Willie le Nut, Nutville. Willie re-peats each word of this msg. three times. Each letter is sent so slowly it puts you to sleep. He uses up just exactly twelve valuable minutes sending out this hog-wash, and drives an old timer to the point where he radiates brush discharge from every hair on his head. These fellows ought to be limited to hours between sup-per time and 8:30 and any one of them slopping over ought to get a letter from every respectable amateur within his range threatening to spank him if he ever transgresses again. I know a certain some one who will put in his bid for elect- ion to the office of Chairman of the Com-mittee on Chastisement.

Here is a sample coming in right now. Listen to this slop:—columbus co 2pp 18co all sigs charles 9vy u no hf a motor little heavier than the racine sorry sorry om qrm qrm pse qta qta k fish smell rot-ten yes yes wyd boston how do you get me gap bum bum rubber band qta pwf about motors. (Bad squeaks here. Sick spark coil near at hand. Wheezes terri-bly.) Want to hear tone like commercial? ark r r r yes ark r r r listen nw. Here begins ten minutes of the darn-dest scratching, screeching, groaning, blow-ing off steam, blubbering that ever mortal ear heard. At its worst it goes on into \_\_\_ — fine fine how do u do it? ark r r r rubber band on vibrator—BANG. My friend with the one k. w. over on the other side of town explodes. He calls an 8 sta-tion. When he finishes, the scratching re-duces. Then we get the long distance QRM again, cul om sk spfscity bunk allemo bish mela hash breakfast wunkey wunkey lala lala 2asj qrm bad qsl 3zw must go to bed now hw hw hw abt abt abt msg msg msg pse pse pse k k k. This is the way my log book this evening looks. It's enough to raise a blister on a wooden leg. Here is another sample of qrm slush:— vvvvvvvvv v (Some-body sitting on his key.) vvvvvvvvv Hnneg se with the wlce sore feet commer-, cial wirlh. Now what in Heaven's

*(Continued on page 8)*

name would you make out this? Is it to the effect that somebody has a line on a commercial who is on the warpath for some amateur with sore feet? One cannot be sure of these matters. It might be that it is the commercial who has the sore feet, chasing some poor amateur around town probably.

Listen to this:—Yes yes jst wyd glucky wait a mt muddyivvo.ujff jung bliftsfy mon-key motor. We assume from this msg that Glucky is being asked to wait a min-ute while Blifsky seeks a wouff hong with which to wallop a monkey the next time the latter faces toward the motor. I do not think I know just exactly what a wouff hong is. Probably some piece of apparatus used in the southern states to beat monkeys with.

It is this form of uninteresting "con-versation" which clutters up the air with QRM. Of what moment is it to the rest of the world that this fellow J31ifsky is going to smear somebody's monkey with a wouff hong? When anybody relapses into such mental slop as to want to operate with a thing named a "wouff hong," he ought to keep his trouble to himself and not compel all of us respectable amateurs to listen to his drool. To slaves and slob-ber a lot of foolish twaddle like this when that poor girl out in Illinois has not had a letter since yesterday, is plain wicked.

Sorry om qrm qrm 9vy few words sch-lipsh nuzzle his mucket faded undershirt cfrish reptg pain in neck sus gup om cul ark. This is a real relay, evidently. 9VY over in Fort Wayne is mixed up in it in some way. Whose undershirt they are talking about and what schlipshing one over is, I do not know exactly, although I have a rough idea. Whether the signals faded or the undershirt faded, or what was the matter with the "sus gup" of the neck of the undershirt, I'll be darned if I know.

Just cast a lingering look at this:— Biirgrmp bru rotary ge ge ugerumf om with my set rettysnitch spitty tone hit in potimus? Now what do you suppose the the poor gink was trying to say when he unreeled that? You have to guess a lot in wireless, and how would you guess this? Something is wrong with this fellow's biirgrmph, his rotary also has a bad case of the ugerujnf and somebody around the place must have spit on his rettvsnitch. because his tone was so rotten it hit him on his potimus. Sounds bad to me. Why will some people send such per-sonal matter by wireless when the whole country can overhear it. It isn't decent, and it makes the QRM more rotten than ever, and just think of the way it makes a perfectly good log book appear.

I spent the better part of an hour try-ing to make out what ailed the poor fel-low's biirgrmph, but had to give it up while I listened to a child with a spark coil scratch out this at a rate of around three words a minute:—how do s . . e ? how be ;...? how do i cowp cw v v v v v v v come in ? ? ? ark After a long wait another trouble maker with a bad cold in his head stumbled back with:—r rrrrrrrrokok please ? ? ? ark Another pause followed by the first little demon with:—r r r r r r r qta qta qta pse rat ve . . . . . ? pse ttt qta pse repeat ark. These brats kept this up for twenty minutes and they ended up just where they began.

What we ought to do is to organize an Anti QRM Association. Then let us elect for Chairman the worst plug-ugly we can find in these U. S. A. Then let us chip in a little money and hire a clerk with a bad disposition who will write letters threatening the life of everybody whom Rubber band—Commercial tone. the members report as causing needless QRM. If anybody gets balky, we will all join together and swear the gink is send-ing with a decrement greater than two-tenths, and so report to the local Radio Inspector. If the latter does not within twenty-four hours have the boy arrested and sentenced to life imprisonment, we will all band together and find another job for said Radio Inspector. Let us rise, fellow bugs. Rise and crush this octopus which is engulfing and overwhelm-ing us. Eight hours a day and triple time for overtime is death and starvation to oar families. Hash for breakfast, rot-ten smelling fish, and QRM. We will have naught of it! Down with the fellow with the scratchy spark coil, down with the fellow who calls three times three, down with the fellow who calls everybody he hears and down down down with that unspeakable skunk who calls somebody and sends a long relay message repeating each word three times when the station to which he is sending is sending something himself.

There, by heck, I have that off my chest-Now you over there in Illinois, get this call. Let everybody else stand back from now on. I'm tired and sleepy and cross, and I don't care who I QRM until I get that pin cleared off.



## Contributing Editor Jack Troster, W6ISQ (SK)

Special Bulletin 2 ARLX002  
From ARRL Headquarters  
Newington CT January 15, 2014  
To all radio amateurs

QST Contributing Editor and ham radio humorist John G. "Jack" Troster, W6ISQ, of Atherton, California, died January 11. He was 93.

"While his contributions to QST were not limited to fiction, Jack will always be remembered for some of the most humorous pieces ever to be written about Amateur Radio," said ARRL CEO David Sumner, K1ZZ.

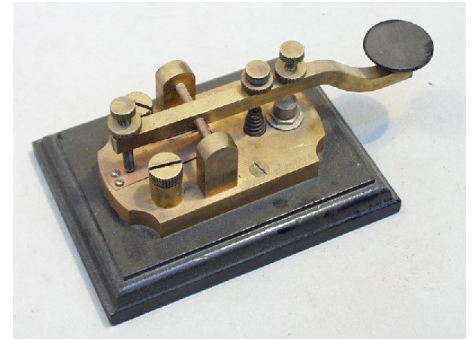
Licensed in 1935 at age 14 as W2ISQ in Yonkers, New York, Troster became W6ISQ after moving to California following World War II.

Troster, Vince Chinn, W6EE (ex-K6KQN), Lee Shaklee, W6BH (SK), and Don Schliesser, K6RV, founded the Northern California DX Foundation in 1972. Troster served as an NCDXF Board member for 26 years and was the Foundation's third President, from 1975 until 1986.

He served as president of the Northern California DX Club and the Northern California Contest Club. An ARRL Charter Life Member, he held DXCC #1 Honor Roll (Mixed, CW, and SSB) as well as 5BDXCC, 5BWAS, and the USA Counties Award (all CW). He was a member of the CQ DX Hall of Fame, the First-Class CW Operators' Club and the A-1 Operators Club, and he was the Pacific Division representative on the ARRL DX Advisory Committee. Troster also was a member and director of the Quarter Century Wireless Association and for years wrote the monthly "QCWA" column in WorldRadio.

"He was the consummate gentleman," said Rusty Epps, W6OAT. "He was warm and welcoming to everyone he met, and many Amateur Radio operators today enjoy the hobby as a direct result of his nurturing, encouragement and enthusiasm. Jack was known for his quick wit and encyclopedic knowledge of Amateur Radio history. His passing leaves a huge void."

Survivors include his wife of 65 years, Marguerite, KC6NFE.



# K1CE For a Final: The MESH Network

(From ARRL e-Letter Jan. 15, 2014)

Broadband-Hamnet™  
HSMM-MESH™

Last year, ARRL reported on the [Broadband-Hamnet™](#) (formerly HSMM-Mesh™) firmware, developed by Amateur Radio operators to provide hams with a high-speed digital wireless communication mesh network that won both US and global awards from the International Association of Emergency Managers ([IAEM](#)). The firmware was the subject of a cover story article in the July 2013 issue of *QST*, "A Broadband Ham Network Crosses the Finish Line," by Lynn Jelinski, AG4IU. The firmware is available at no charge via the project [website](#), which describes Broadband-Hamnet as "a high-speed, self-discovering, self-configuring, fault-tolerant, wireless computer network" with very low power consumption and a focus on emergency communication. The current form uses Linksys WRT54G/GL/GS wireless routers and operates on channels 1-6 of the 2.4 GHz ISM band, which overlaps with the upper portion of the 13 centimeter Amateur Radio band.

Fred Kleber, NP2X, K9VV, the ARRL Virgin Islands Section Manager, reported last year that Mesh was brought to his section and the networking has spread like wildfire. At the time of Kleber's reporting, there were three dozen nodes in the USVI, and more are coming on-line quickly. "We found a source for "rootennas" (outdoor router-antenna combinations) and are in the process of building up those for permanent deployment in strategic locations, i.e., attended locations with backup power, particularly at radio amateurs' home sites. We also have a cheap mesh go-kit design using kitty litter/food plastic containers."

A demonstration of mesh network capability was given to the local EMA, VI National Guard, TSA, E-911 and VI PD. "It was well received and we are moving toward designing systems to provide backup voice/data /video communications at key locations: the EOC, E-911, shelters, points of distribution, airports, and ports," Kleber said.

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Here in Volusia County recently, a sophisticated proposal to network major hospitals for backup emergency communications was put forth by the Volusia ARES dubbed *The Volusia Mesh*. In a PowerPoint presentation of the proposal, the proponents asked "Is it possible to use RF to send and receive data at Internet speeds on ham radio frequencies without expensive radios? Is there one piece of free software hams can access via RF and/or computer networks where multiple users can: send and receive WL2K email, send and receive Internet e-mail, engage in real time chat in groups and private channels, and share files?" Yes, and yes, are their answers.

Their proposal to link the five major hospitals in the county was enhanced by links also to the county EOC, all by line of sight, through the use of horizontally-polarized 24 dB gain 2.4 GHz parabolic dishes. A Winlink 2000 HF gateway, a VHF RMS gateway, a D-RATS RatFlector platform, and Internet e-mail and WL2K Telnet capabilities rounded out the proposal.

Current EOC Service offerings are limited to analog and digital VHF, UHF and HF Voice Nets, and a Winlink 2000 capability. Potential additional EOC service offerings under the instant proposal would include: D-RATS RatFlector providing Live chat, messaging and file transfer via Internet, DSTAR digital voice (DV) and data (DD), an Internet Gateway to WL2K via D-RATS Telnet, SMTP Internet email forwarding via D-RATS from RF and mesh-connected D-RATS stations, and mesh webserver for form and information distribution. The ARES proposal also includes point to point server-less video chat with FocusPhone.

The principal architect of the proposal is a retired Microsoft-Certified Systems Engineer, Mark Friedlander, KV4I, and I am planning to meet with him and DEC Steve Craft, W1SGC, later this month to learn more.

But the implications are clear to me: just as Public Safety is rolling out its broadband network for many of the same capabilities discussed in Mark's proposal, we as radio amateurs have been given the inspiration by people like Mark for a largely untapped potential resource with almost limitless data communications possibilities that we can bring to the table when approaching served agencies like emergency management and the Red Cross et al. We will be sharing a lot more information and news on the development of our own broadband offerings in the months to come. I'm really excited about the possibilities.

See you next month! 73, Rick Palm, K1CE, Daytona Beach, Florida, "The World's Most Famous Beach"

# Austin Amateur Radio Club General Meeting 01/07/2014

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Meeting Start: 1906 hrs

## Officers Present

Vice President: Rich Kershner KC9VFT

Secretary: Jorge Harada KF5IED

Absent: Lori Schmidt KM5MQ and Jay Hoffman KA5OST

## Birthdays

Lori Schmidt KM5MQ

Stuart Rohre K5KVH

Deroy AA5R

## Visitors

George N5ZV

Neil KF5YMG

Adrienne - does not have a call sign

## New Hams

Alan - waiting for call sign

## New Members

Lewis AF5NO

## Upgrades

Howard KF5YST - Extra

Neil KF5YMG - Extra

**Call Sign Changes:** None

**Approval of December Minutes:** All approved

## Announcements:

Past Events:

- Trail of Lights

Decker Lake Challenge: 1500 runners, very cold, 2m FM voice and HSSM digital throughout course which performed very well with some nice improvements re: battery life, etc. Jim Kintner K5KTF was instrumental in success of the event.

Upcoming Events:

Jan 5 thru March 2014: 25wpm CW Class in Williamson County. Contact [K5LN@austinrr.com](mailto:K5LN@austinrr.com) for further info

- Jan 11th - SARC Radio Fiesta 8am -2pm. Contact Rowena Archer KF5JCZ 210-415-

Jan 17-19 Big Bend Ultra 50 Marathon. POC Alan Russell KE5DTR at [ke5dtr@arrl.net](mailto:ke5dtr@arrl.net)

- March 8th: WCARC Hamfest

March 28-29: Belton Hamfest

General Notices: 2014 Dues are due, T-Shirts and polos available, contact Lori KM5MQ

## Officers Report

- President - No report

- VP - No report

- Treas - Out sick
  - Secretary - On behalf of Ruby Dee and The Snakehandlers, thanks AARC for a great time at the Holiday Party!
  - Newsletter - Mitch KD5HCV- Looking for articles and photos
  - Technical - Stuart Rohre - K5KVH - No repeater issues, technical committee has no further upgrades
  - ARES - Don Dudley AC5YK - no report, general meeting is at RL, 10000 Burnet Road. Hoping to have more activities this year.
  - Broadband Hamnet/HSSM-MESH - Going to Big Bend Ultra, meeting information for group is also on the latest newsletter
- AARC Ladies - Out cruisin'!

### **Old Business:**

None

### **New Business:**

Reminder of deadline for club scholarships. Application has to be submitted to Austin Community Foundation before the end of the month. Stuart detailed eligibility requirements, etc. Stuart is up for reelection appointment for the scholarship board. Jim Greenwood will be stepping down and a new one must be nominated/reelected. Stuart has been nominated for reelection and Mike Butterfield will be occupying the spot as nominated and motion approved by club.

### **HOTM**

Lori and Jeff Schmitt KM5MQ and N5MNW. For nominations go to [austinhams.org](http://austinhams.org)

### **Door Prizes:**

38 total in attendance

Lew Thompson - Travel Cup

Joe Jelinsky - Flashlight

Howard Gentry - YAESU Hat

### **Space Weather:**

Cycle 24 is holding and improving slightly. 2 major sunspots SS11946 and SS11944 with potential for M and X flares. Flux is measuring up to 218. Increased magnetic storm activity present. Coronal hole CH599 sends out solar wind arriving Jan 12. Forecast: Geomag expected to be quiet, Jan 7-8 with chance of major storm due to CME. Quiet conditions likely on January 9. M Class 80% chance, X-Class 50%. [txarmymars.mil](http://txarmymars.mil) and select resources and [www.spaceweather.com](http://www.spaceweather.com) for further info. Get on 10m!

### **Officers Board Meeting**

Board Meeting will be moved to January 14th at Burnet Waterloo Icehouse

### **Special Announcement**

Joe Jelinsky KC2KG presents. Joined Texas State guard as communications specialist with Lew Thompson. Discussed hurricane mitigation, and superb service despite lack of budget, lack of equipment. Lew Thompson was awarded a medal as a CW4 by the Texas State Guard for Outstanding and Meritorious Service.

**Meeting Adjourned:** 2000hrs

**Presentation:** Ham Trivia with Mitch London

## **AARC Meeting Info.**

### **Waterloo Icehouse**

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

### **Business Meeting 7:00 pm**

**February 4th—TBA**

### **Officers Meeting 6:30 pm**

**February 18th - Officers meetings are open  
to club members.**

## **2014 Calendar of Events**

**Feb 22 23rd Annual Lou Withrow SkyWarn Training Session** Basic & Advanced SkyWarn Training  
NWS Trainer: Paul Yura / Warning Coordination Meteorologist, NWS/Austin-San Antonio 9am to 4pm  
1020 Grove Boulevard -  
ACC Riverside, Campus Building G, Room 8100  
Session Link (Will be updated with more info):  
<http://www.utexas.edu/depts/grq/kimmel/skywarn2014.html>  
NWS/Austin-San Antonio Link to other area SkyWarn Sessions:  
<http://www.srh.noaa.gov/ewx/skywarn/>  
Troy M. Kimmel KC5BCK

### **Feb 22 Orange Hamfest**

Orange, TX  
Orange ARC & Jefferson County ARC  
[www.qsl.net/w5nd/](http://www.qsl.net/w5nd/)

### **Mar 1 Irving ARC Hamfest 2014**

Irving Amateur Radio Club  
Betcha Bingo Hall 2420 W. Irving Blvd. #125 Irving, TX 75061  
[www.irvingarc.org/iarchamfest.html](http://www.irvingarc.org/iarchamfest.html)

### **Mar 1-2 Alabama Section Convention**

Birmingham, Alabama  
Zamora Shrine Temple 3521 Ratliff Road 205-956-3636  
Chair - Bill KW4J, [kw4J@arrl.net](mailto:kw4J@arrl.net) (205) 587-1993.

Publicity - Bob KC4AF [KC4AF@arrl.net](mailto:KC4AF@arrl.net) (205) 283-4000.

<http://birminghamfest.org/>

## **2013 Upcoming Amateur Exams**

**ARRL VEC— Feb. 1st & March 1st** 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- February 15th & March 15th**  
2p.m. in room 207, Fleck Hall, St. Edwards Univ.  
Contact Craig Bean, AC5KW@arrl.net,  
(474-6443) for more info.

<http://texashams.org/w5yi-austin/>

## **Upcoming Meetings...**

<b>Feb</b>	<b>Mar</b>	<b>Austin Meetings/Happenings</b>	<b>Time</b>	<b>Address</b>
4	4	AARC Meeting Waterloo Ice House	7:00 p.m.	8600 Burnet Rd.
15	no	QCWA Tres Amigos \$	1:30 p.m.	7535 U.S. 290
26	26	Digital Wednesday at CATRAC	7:00 p.m.	4100 Ed Bluestein Blvd.
24	24	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
25	25	Travis County A.R.E.S., ARL Auditorium	7:00 p.m.	10000 Burnet Rd.
27	27	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
25	25	CTDXCC Meeting Old Quarry Library	6:30 p.m.	7051 Village Ctr Dr.

*% New Meeting Location for ATV*

*\$ QCWA Now meets quarterly visit <http://www.qcwa.org/chapter067.htm> for info*