



AARC OVER

Keeping Austin Wireless
for Over 93 Years!

Bulletin of Austin Amateur Radio Clubs

ISSN 1067-0262

January 2013

Happy New Year!

Issue 1-2013

Lincoln Movie and Morse Code

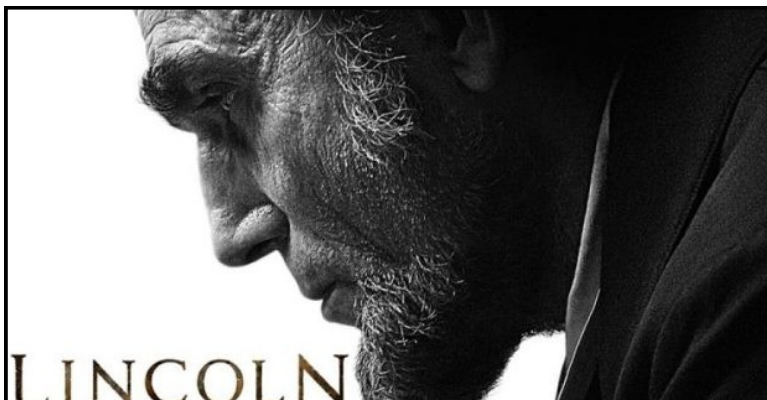
(Forwarded by Juanita Miyasaki, KD5OIE)

Members of the Morse Telegraph Club, an association of retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry played an important role in the production of 'Lincoln.'

According to James Wades (WB8SIW), International President of the Morse Telegraph Club, several members provided period telegraph instruments for use in the construction of the War Department Set. Most notably, Tom Perera (W1TP), Derek Cohn (WB0TUA), Kevin Saville (N7JKD), and Roger Reinke provided sufficient telegraph instruments to equip the sixteen operating positions portrayed at the War Department.

Complete coverage of the making of the telegraph scenes in "Lincoln" will be published in an upcoming issue of "Dots and Dashes," the official journal of the Morse Telegraph Club. For more information or interviews,

<http://www.morsetelegraphclub.org/>



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+

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Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on December 1st at Bethany United Methodist Church:

Technician Class Licenses Processed

Henry Burton, Jr. KF5SZT	Knut Graf KF5SZO	Arvind Kaushik KF5SZP
Nataly Mendez KF5SZM	Caleb North KF5SZI	Nicole Pinto KF5SZK
Susanne Plaisted KF5SZL	Richard Savage KF5SZH	Terry Stevenson KF5SZR
Ciara Waldron KF5SZJ	Duff Young KF5SZQ	

General Class Licenses Processed

Brian Cui KF5SZS	James P. Hickman, Jr. KF5SZN
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Extra Class Licenses Processed

Paul E. Holmes AF5HT	Steven Sullivan KF5SJI
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Examiners Participating in this Test Session

Scott Bryan W5TS	Tony Davee KM5JH	Rick Hanson W5GPW
Jim Kinter K5KTF	Joe Makeever W5HS	Joe Thiel N5SMN
Jeff Whisnant AE5VA		

Next ARRL VE Test Sessions

January 5th - Bethany United Methodist Church, Disciple Bldg. Room 203/204
February 2nd - Bethany United Methodist Church, Disciple Bldg. Room 203/204

TNX ES 73 DE W5HS
Joe

12-17-2012

The South Austin W5YI VE team heartily congratulates the following persons who earned their new or upgraded amateur radio licenses at our December 15th session:

Extra Class –

David K. Troxell, KF5JJF

General Class –

Stacie J. Carrico, KF5RXP	Makala A. Kuhr -new-
Sam S. Suite, -new-	Will O. Wasson, -new-

Technician Class - (new)

John G. Doty	Franklin J. Feder
Tracy A. Fennell	Nathan E. Garcia
Zacharie W. Johnson	Jules A. Ochoa
Hugley L. Sistrunk, Jr.	

Our administering volunteer examiners were:

Craig Bean, AC5KW	Jim Greenwood, AB5EK
Hugh Brown, NT5O	Sam Mihalik, KM5MY
Scott Brian, W5TS	Gary Popp, AE5JR

Our next two sessions are set for January 19th and February 9th
in Fleck Hall room 118 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
<http://texashams.org/w5yi-austin/>

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

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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	
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, 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.

AARCOVER Information: ISSN 1067-0262, CODEN AAOVE3. ©Austin Amateur Radio Club, Inc.
Published monthly by the Austin Amateur Radio Club, Inc.

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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

ka5ost@arrl.net

Jay handles all changes for membership information .

Club Dues for 2013 are Due!

The new year is almost here and you might as well get a jump on things by paying your dues for the 2013 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 new 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

Happy 95th Birthday!

Lucile Miller, KB5YKM celebrated her 95th birthday at home with family and friends. Lucile met Roy Miller, W5FOZ (SK) in 1933 and they lived in various cities across the US. Roy was a member of the ham radio community for 75 years and Lucile finally followed suit. At 75, she got her "ticket" and set up station next to Roy's.

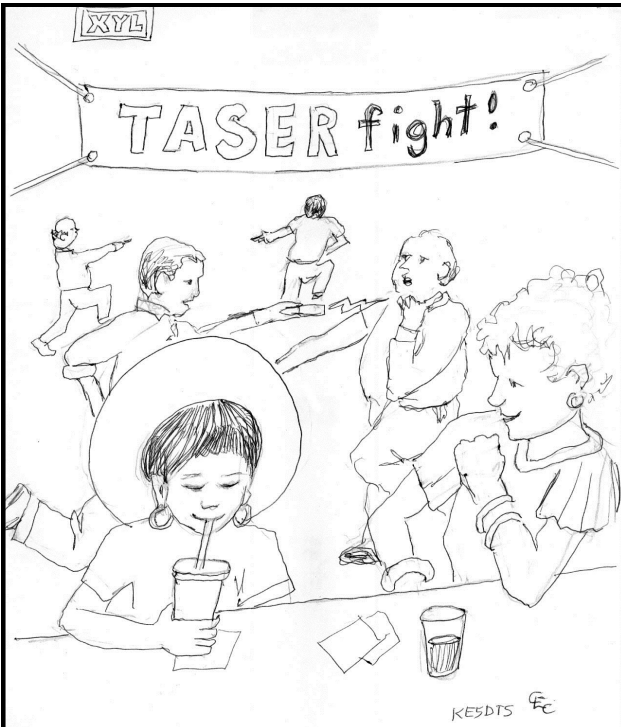
Lucile and Roy were members of the Austin Amateur Radio for a number of years. Roy passed away in 2002.



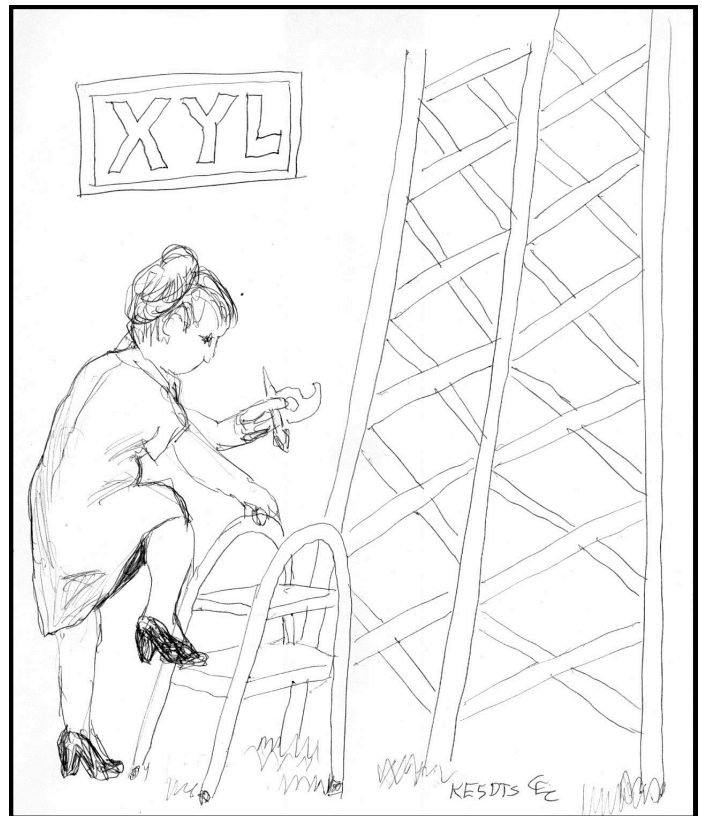
On behalf of the Austin Amateur Radio Club, a huge, Happy Birthday to Lucile Miller of Austin!

XYL

By Carolyn Canfield, KE5DTS



"Engineers!"



"I told him no climbing, so I am taking fingerprints!"

Bruce Sawtelle, W3NJ (SK)

(Forwarded by Stuart Rohre, K5KVH)

I was saddened to see Bruce's obit in the Statesman this morning...

Some background on Bruce's early contribution to our central Texas

Winlink fortress that most members are probably unaware of:



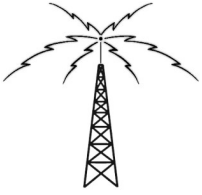
In late 2003, Williamson county had a big weapons of mass destruction exercise in which we passed a large number of messages for them. It was a large number for the time anyway.. This was 8 years before September 11th and years before the push for the Incident Command system across the county. All these messages were ARRL radiograms passed by voice. The county was quite pleased with our effort and we were mentioned favorably in their report write up... While glad they were pleased, the whole experience horrified me! I was the upcoming ARES EC with my appointment starting that next January and it seemed to me that we were running flat out in that exercise and with only a fraction of the load you'd expect had this been real. We needed a better way... I was using packet radio for collecting DX spots at the time and it seemed like that hardware could be the basis for a digital messaging system. Such a system would not be prone to the errors of voice traffic, would have some amount of anonymity versus voice and should be capable of greater volumes of information. Looking around, we saw no such system being used in the county and started to invent one. Bruce took this on and acted as our principle architect and came up with a software system to accommodate it. The ARCHES system was in existence but there were no installations in Williamson county then and it used a very crude and arcane database in a very narrowly tailored system for patient tracking... We did see the AUSR LY-1 digipeater ARCHES and other packet depended on down in Austin as assets we could use and NA6M agreed to host what we called our "High node" digipeater up 350 feet on a broadcast tower.

This system did not support attachments and was limited to the local area. We set a milestone for the end of 2004 to have something architected for HF forwarding using some of the HF Packet infrastructure. We used Bruce's system at Field Day in 2004 to pass ARRL National Traffic System messages with the Austin Amateur Radio club.

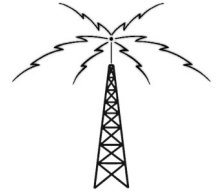
That August, I met South Texas ARES SEC Jerry Reimer KK5CA at Summerfest and he told us about a the Winlink system which had been recently extended for packet and experimentally deployed in Houston. Winlink went way beyond what our primitive system would do and we transferred the flag and did the first ever SET based on using Winlink for digital traffic that October. The rest is history...

We owe Bruce a debt of gratitude for his efforts in getting that first system architected – this was a great start for us and added momentum to efforts going far beyond the Austin area. RIP amigo!

Tom Whiteside, N5TW
ARRL South Texas Section Emergency Coordinator



Over the WWaves...



A Collection of useful and interesting Websites sent in by our readers

http://groups.yahoo.com/group/CW_Class/

Want to learn Morse Code? Here is a link to a site that can help you, and it is just up the way in Williamson County!

Sent in by Andrew Wood, KC5DJT

<http://support.google.com/maps/bin/answer.py?hl=en&answer=1630790>

Just got back from attending the ARES meeting this evening. I was blown away by K5KTF's presentation on HSMM. Unfortunately, I'm in a valley and don't have line-of-sight or I would be on the network already. At any rate, while checking out the topology around my house, Google Maps suggested that I try Google Maps "GL" which creates a 3D map of any location (probably using topological data in addition special imaging processing techniques). I was able to "swoop" down onto my roof and take a look around. Even float above my roof at any altitude and see what I might have line-of-site to.

Very cool. Check it out if you haven't already. P.S. Hold down shift or ctrl to fix your position while looking around.

Kevin Sisney, KF5MHY

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/Str/Zip _____

Hm Ph _____ Cel Ph _____ Wk Ph _____

Pager # _____ e-mail _____

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

2nd Call _____ Name _____ ARRL mem **Y N**

3rd Call _____ Name _____ ARRL mem **Y N**

4th Call _____ Name _____ ARRL mem **Y N**

I/WE have interest in the following:

Monthly meetings Field Day Working Events Transmitter Hunts

Talking on 2 mtrs DXing Newsletters Holding Office

Presenting programs CW Net Control Emergency Comm's

Holding ARRL office Education Public Awareness Working w/Youth

Others _____

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

JMH 20110315

[AARC Meeting Info.](#)

Waterloo Icehouse

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

Business Meeting 7:00 pm

January 1— Introduction to Texas Army MARS by
Lew W5IFQ and Solar WX summary by Lew W5IFQ

Officers Meeting 7:00 pm

**January 15 - Come by and watch the officer
at work!**

2013 Calendar of Events

Jan 12 Schertz Hamfest
<http://w5sc.org/swapfest.htm>
Jan 12 TXVHFFM Gen. Membership mtg.
<http://www.txvhffm.org> for more information
Jan 13 3M Half Marthon
dcronch@mmm.com
<http://www.3M.com/races>
Jan 12-13 Tejas Trails Bandera 100K Ultra-
Marathon Louis k5stx@arrl.net
Jan 18-19 Cowtown Hamfest
<http://texashamfest.com/>
Jan 19-20 Big Bend 50 Ultra Marathon
Contact Joe KC2KG kc2kg@arrl.net
Jan 26 Skywarn
8am to 4pm(Saturday)
McCallum High School - Fine Arts Center
5600 Sunshine Drive, Austin, Tx 78756
[www.utexas.edu/depts/grg/kimmel/
skywarn2013.html](http://www.utexas.edu/depts/grg/kimmel/skywarn2013.html)

Jan 28 CTDXCC Monthly Meeting; Old
Quarry Library, 7051 Village Center Dr.,
Austin; 6:30-8:30 pm

[2013 Upcoming Amateur Exams](#)

ARRL VEC— January 5th & February 2nd 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- January 19th & February 9th
2p.m. in **room 207**, Fleck Hall, St. Edwards Univ.
Contact Jim Greenwood, AB5EK@arrl.net,
(327-6184) for more info.

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

Upcoming Meetings...

Jan	Feb	Austin Meetings/Happenings	Time	Address
1	5	AARC Meeting Waterloo Ice House*	7:00 p.m.	8600 Burnet Rd.
12	9	Austin QRP, Alvin's Sandwich Shop	11:00 a.m.	12200 Research Blvd.
21	18	ATV Club Meeting La Palapa %	7:00 p.m.	6640 Hwy 290 E
19	16	QCWA IHOP 183 Near Duval	1:30 p.m.	11654 Research Blvd.
23	27	Digital Wednesday at Red Cross	7:00 p.m.	2218 Pershing
28	25	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
22	26	Travis County A.R.E.S., ARL Auditorium	7:00 p.m.	10000 Burnet Rd.
24	28	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
28	25	CTDXCC Meeting Old Quarry Library	6:30 p.m.	7051 Village Ctr Dr.

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

% New Meeting Location for ATV