



AARC OVER

**Keeping Austin Wireless
for Over 96 Years!**

Bulletin of Austin Amateur Radio Clubs

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June 2016

Issue 6-2016

Field Day 2016

<http://www.arrl.org/field-day>

Most of our members are very well familiar with Field Day. This article is geared toward our newer operators who may not have experienced this event... yet.

First a little background. ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth full weekend of June (both Saturday and Sunday), it's estimated that more than 35,000 radio amateurs will gather with their clubs, groups or simply with friends to operate from remote locations.

The objective of the event is to “work” (contact) as many stations as possible on any and all amateur bands (excluding the 60, 30, 17 and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field days is open to all amateurs in the areas covered by the ARRL/ RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions

(Continued on page 3)



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 -
		(*in UNPROTO, change N5HPC-5 to W5OEM-5)	
Sun	8:00 p.m.	Williamson ARES net	146.64 MHz - (162.2)
Sun	9:00 p.m.	ARO Swapnet	146.94 MHz - (107.2)
Sun	(After Swapnet)	Newsline	146.94 MHz - (107.2)
Mon.	7:30 p.m.	STX ARES Net	3.873 MHz
Tues.	7:30 p.m.	Hays ARES net	147.100 MHz +
Tues.	8:00 p.m.	Bastrop ARES Net	443.750 MHz + (114.8)
Wed	11:30 a.m.	Ham Social Luncheon, Jim's	146.94 MHz - (107.2)
Thu	9:00 p.m.	2m SSB Net	144.250 MHz (USB)
Thu	11:00 a.m.	Lunch, Pokey Joe's 183&Great Hills	444.1 MHz+
Thu	11:45 a.m.	Lunch, Whataburger Oltorf & Burleson	146.94- (107.2)
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
Sat	7:00 p.m.	AARC Elmer Net	146.94 MHz- (107.2)
Daily	6:30 p.m.	Central Texas Traffic Net	147.14 MHz+

In This Issue

Story	Page
Ham Exam Results	2
Tubes? Old School?	3
WXK-27 Weather Station OOS	5
Field Day, part 2	6
HAM-COM	6
Sprite Satellites	7
Just for Fun	7

Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on **April 2nd** at Bethany United Methodist Church:

Technician Class Licenses Processed

*David K. Clark KG5MTK Valerie K. Clark KG5MTJ Stanleigh G. von Miller, Jr. KG5MTL

General Class Licenses Processed

*William T. McPherson KG5MEP Charles W. Smith KG5MRW

Extra Class Licenses Processed

*Kristopher E. Botz KG5DWT John A. Edwards KG5MEO Samuel J. Furman KG5MEN

Examiners Participating in this Test Session

*Craig Bean AC5KW Larry Gunter WB5BEK Mark Hunt AF5TW
Joe Makeever W5HS Jim Peisker AF5NP Donald Sitze AF6VA

The following are the results of the ARRL VE Test Session held on **May 7th** at Bethany United Methodist Church:

Technician Class Licenses Processed

*Greg A. Fuqua KG5NNW Alison M. Hansen KG5NNU Stephen L. Haynes KG5NNV
Daniel Krutsinger KG5NNQ Steven R. Lemons KG5NNX Geoff J. May KG5NNR
Craig M. Norton KG5NOA Henry W. Palmetter, Jr. KG5NNZ Christopher J. Reighley KG5NOD
Gregory A. Schuck KG5NNT Kenneth L. Tapp KG5NNP David C. Wills KG5NNY

General Class Licenses Processed

*Ryan L. Esworth KG5NNS James K. Hollister KG5NOB Randall S. Horwitz KG5LVR
Ronald J. Lugo KG5NOC

Extra Class Licenses Processed

Cecil R. Compeau AG5FA Emily A. Estill KG5CQC John H. Newberry, Sr. KB5TKG
Christopher M. Wang KB5RTC

Examiners Participating in this Test Session

*Mark Esslinger W5MAE Larry Gunter WB5BEK Gene Hinkle K5PA
Sallie Howard AE5OM Ted Iglehart KF5END Jim Kinter K5KTF
Joe Makeever W5HS Rob Porter K5FAR Steve Schreiber KG5LAA

Next ARRL VE Test Session

July 9th - Bethany United Methodist Church, Disciple Bldg. Room 203/204

TNX ES 73 DE W5HS

Joe

5-21-15

The South Austin W5YI VE team heartily congratulates the following people who earned new or upgraded amateur radio licenses at our **May 21st** session:

Extra Class

Gordon DeWitte, KF5JWL Maria Favia del Core Borromeo, KG5KNI Lorenzo Gordon (NEW)
David Ferreira, K7NYY

General Class

James Hollan (NEW) Harold McReynolds, KG5FWB Jeff Evans, KG5MZX
Marvin Buck, KF5VVB Michael Martinez (NEW)

Technician Class (NEW)

Kayle Rowlee John Underwood Matthew Harris Mark Francis
Thomas Montgomery Louie Nalda Anusha Vavilikolanu Carter Pace
Zachary Kosub Robert Ramos

Our administering volunteer examiners were:

Craig Bean, AC5KW Gary Popp, AE5JR Keith Watson, N9TX Isaac O'Hern, AG5AR

Our next two amateur radio exam sessions will start at **2 PM** on **June 18th** and **July 16** in
Fleck Hall, Room 118 on the campus of St. Edward's University.
All sessions are walk-in and the exam fee is \$14 (cash or check).

For additional information regarding our amateur radio examination sessions, please contact Craig, AC5KW
at **(512) 474-6443** or by e-mail to **ac5kw@arrrl.net** or visit our web page at: <http://texashams.org/w5yi-austin/>

And You Thought Vacuum Tubes Were *Old School*?

I read an article today about a team of researchers who thinks it may have solved an impending problem with silicon-based computer chips. Out with the new and in with the old—vacuum tubes that is. It seems that Caltech's Nanofabrication Group is working on a technology that will use vacuum tubes that are a million times smaller than the tubes of the past.

Apparently silicon transistors are not going to be able to keep up with Moore's Law, which roughly states that the number of transistors in a dense integrated circuit has doubled approximately every two years. Unfortunately, as the transistors get smaller, the silicon starts to behave weirdly. It becomes more elastic, and starts to give out light.

For more, read the entire article at:

<https://www.inverse.com/article/16574-future-phones-may-use-vacuum-tube-chips-as-silicon-hits-moore-s-law-extremes>

(Continued from page 1)

may be contacted for credit, but are not eligible to submit entries. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio. Examples include running on emergency power (batteries, solar panels, generator), setting up a portable station (as opposed to a permanent home station), and running QRP (low power mode of 5 Watts or less).

This year, the event begins at 1800 UTZ Saturday, June 25 and continues through 2059 UTC Sunday, June 26. There are restrictions on when stations may begin setting up and to operate the most hours, Class A and B (portable) stations should begin setup at 1800 UTC on Saturday (see ARRL Field Day 2016 Rules on the ARRL web site). Doing so will allow operation during the entire 27-hour period. Other stations will be limited to 24 hours of operation.

Points are awarded for each contact with multipliers for certain conditions, i.e. QRP, CW, Digital, etc. If all contacts are made using 5 Watts or less and if a power source other than commercial mains or motor-driven generator is used (batteries, solar cells, water-driven generator), the power multiplier is **five (5)!!!** That's quite an incentive to really go "primitive"! Again, check the rules for all the bonus points and multipliers available.

Now, by this time you're wondering... How in the world am I going to calculate how many points I have? Don't worry! All you need to do is use logging software to log your contacts. Then upload your contacts via the web site indicated in the rules. Uh-oh... You don't have logging software? Once again, don't worry! There are free versions of several different programs available. Do an internet search using your favorite search engine for "free amateur radio logging software". But do yourself a favor and don't wait until Saturday the 25th do download it. Get it now, install it, and *play* with it. Try more than one and see which one you like better. Still not sure? Join N5MNW (Jeff) on the **146.94** repeater on **Saturday** at **7:00pm** for the **Elmer Net** and ask questions. There are usually several ham operators ready to lend a hand and help you learn.

Looking for more information about Field Day? Check page 6 for a list of local sites that are planned. The best way to learn about Field Day is to visit an active site!

President	Don Dudley	AC5YK	president@austinhams.org
Vice President	Lew Thompson	W5IFQ	vice-president@austinhams.org
Treasurer	Jay Hoffman	KA5OST	treasurer@austinhams.org
Secretary	Angie Steelman	KF5ZXI	secretary@austinhams.org
Editor, AARCOVER	Michael Skurka	K5MSK	editor@austinhams.org
Technical (Repeater Contact)	Stuart Rohre	K5KVH	512-255-3932 k5kvh@arrl.net
ARRL Travis Co. Emer. Coord.	Mark Esslinger	W5MAE	ec@austinhams.org
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
146.880 107.2 PL Tone	No	Analog/Digital Fusion
146.940 107.2 PL Tone	No	Most popular, WX, Swapnet & Newslite
224.800	No	
444.100	No	
444.200 107.2 PL Tone	No	
440.650 +5	No	70cm D-Star Repeater [W5KA B]
146.780/ -600kHz	No	2m D-Star Repeater [W5KA C]
1293.100/-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.

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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.

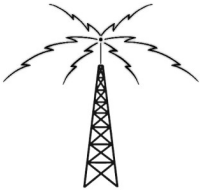


For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:

See Jay Hoffman, KA5OST

ka5ost @ arrl.net

Jay handles all changes for membership information .



Over the WWaves...



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

(All links have been checked by editor as working at time of publication)

DE K5FNI (Rick Herndon)

Ole college chum (& current prof) Bill Murray sent this fun message today.

I have an interesting tidbit for you. Check this out on magnetostriction anti-theft tags:

<https://www.youtube.com/watch?v=KA7m7qAKAXwI>

How anti-theft tags work - magnetostriction

Anti-theft tags contain a tiny mechanical oscillator that is activated by a magnetic field. The detectors at a shop's doorway can detect the oscillation magnetically ...

AWESOME LINK OF THE MONTH!!!

Are You A Do-It-Yourself Engineer?

If you're like me, you have an occasional project that you want to prototype. Of course, being the experimenter that you are, you want to design and build your own circuit boards. Thanks to K5FNI, Rick Herndon, for sending in this useful link for an article on the *Circuit Cellar* website:

<http://circuitcellar.com/cc-blog/the-perfect-pcb-prototype/>

The technique presented is easy and cheap. All you need is a printer, foam board, utility knife, metal ruler, and your parts. Then, just remember to print, mount, punch, stuff, and evaluate. Of course, please read the article for all the details.

Public Information Statement / National Weather Service Austin/San Antonio TX
234 PM CDT FRI MAY 13 2016

...PUBLIC INFORMATION STATEMENT...

The Austin NOAA Weather Radio transmitter, WXK-27 which operates on a frequency of 162.400 MHz, and serves Travis and surrounding counties, is experiencing an **antennae problem**. Weather radios very close to the transmitting tower can pick up the broadcast. However, areas beyond just a few miles are hearing a very sporadic broadcast or no broadcast at all. Plans to replace wiring and the antennae at the tower site are in place and the NWS hope to have full repairs done by the end of May. This repair timetable unfortunately is not guaranteed as weather will play a significant role in when and how fast the wiring and antenna can be replaced on the very tall transmitter tower just west of downtown Austin. Residents should continue to use the practice of having multiple ways of receiving weather warnings through smart phones, television, commercial radio stations, the internet, and social media. If you are in Travis and surrounding counties you should register your mobile phone in order to receive community notifications including severe weather warnings.

Citizens in Llano, Burnet, Blanco, Williamson, Travis, Hays, Lee, Caldwell, Bastrop, and Fayette counties can register their cell phones by going to <http://warncentraltexas.org/>.

[Editor's note: As of 11:30pm on 6/6/2016, the NOAA website still reports WXK-27 as Out-Of-Service.]

Field Day 2016 - Central Texas

Looking for a local Field Day event? Here's what we have so far:

- AARC will be at the Red Cross facilities at 2218 Pershing Dr, Austin, TX 78723. The site may change if Central Texas continues to receive the deluge of precipitation and flooding. We will update the austinhams.org website with up-to-date information as the date draws nearer.
- WCARC will setup at Divine Lake Park, 1807 Waterfall Dr, Leander 78641.
- WCARES will be found in Liberty Hill.
- Hambuds are planning to be at the Williamson County Regional Park (w/Railroad).

If you get a chance, drop by one of the sites for a visit!

Field Day 2016 - On The Web

Can't make it to a local Field Day site? Follow Field Day on Facebook and Twitter. ARRL has created a [Field Day event on Facebook](#), and you can also join the conversation on Twitter by using the hash tag **#ARRLFD**. ARRL suggests that you share your plans, tips and tricks for a successful Field Day!

Field Day 2016 - Around the US and Canada

Looking for other Field Day sites? Over 900 sites are registered with ARRL. Check out their [Field Day Locator](#) for a Google map and a database listing by State/Province.

HamCom West Gulf Division Convention

If you didn't make it to Dayton or one of the recent hamfests, you still have options! Declared to be "The Largest Amateur Radio Convention in Texas", you should make plans to attend HAM-COM 2016 at the Irving Convention Center at Las Colinas Blvd, in (where else?) Irving, TX!

The convention center is an exceptional event location with almost 100,000 square feet of meeting and exhibit space. Parking is only \$5/day and now includes IN/OUT privileges! I counted over sixty (yes, 60!) presentations scheduled to date. And with over 70 booths filled so far, surely you'll find something of interest.



Who's going? Delta Division Director, David Norris (K5UZ) is planning to attend. Also attending will be the new ARRL President, Rick Roderick (K5UR) and the new ARRL CEO, Tom Gallagher (NY2RF). Tom replaced the retiring Dave Sumner (K1ZZ) as ARRL CEO on April 18, 2016.

Be sure to check out the HAM-COM web site at <http://www.hamcom.org/> for important information. Especially helpful will be the traffic warning for Saturday morning.

What: **HAM-COM 2016**

When: Friday, June 10 & Saturday, June 11, 2016

Where: **Irving Convention Center**, 500 West Las Colinas Blvd., Irving, TX 75039

Who: Sponsored by the North Texas area clubs

Talk-in: **146.72 MHz** (PL **110.9 Hz**); *secondary: 147.180 MHz (PL 107.2 Hz)*

Can't make it to HAM-COM? Check the calendar of events on page 10 for other hamfests.

100 Sprite 437 MHz Satellites To Be Deployed

<http://www.southgatearc.org/news/2016/june/100-sprite-437-mhz-satellites-to-be-deployed.htm>

A radio amateur's tiny Sprite Spacecraft are planned to be shipped to the International Space Station in July.

Nature magazine reports Zac Manchester KD2BHC is having a second attempt at deploying about 100 Sprite spacecraft in space. The first attempt at deployment from the CubeSat KickSat-1 in 2014 was unsuccessful.

In July KickSat-2 carrying the Sprites, each fitted with their own 437 MHz transmitter, will be flown to the ISS. The CubeSat will then be deployed later in the year and KickSat-2 will in turn deploy its cargo of Sprites.

Read the Nature magazine story at

<http://www.nature.com/news/tiny-chipsat-spacecraft-set-for-first-flight-1.20006>

Watch a simulation, produced by Ben Bishop VK2FBRB, of the planned Sprite deployment <https://amsat-uk.org/2014/04/18/successful-launch-of-kicksat-carrying-104-sprite-satellites/>

2014 deployment attempt

<https://amsat-uk.org/2014/05/03/kicksat-sprite-deployment-may-not-happen/>

[Editor's note: Be sure to read the accompanying Nature magazine story. Interesting!]

Just for Fun

THE OLD DXER

(from <http://www.ac6v.com/humor.htm>)

The sunspots were roaring and the Old Dixer was working DX night and day. The faithful XYL had had it with his QRZing and blew her stack.

"DX DX DX - thats all you ever think about!" she groaned.

"Why I'll bet you don't even remember our wedding date!!

"I mostly certainly do" was the immediate reply. "It was June 14th, 1958 - Thats the night I worked the XT1, the CRØ, and the AC6!!

-- By AC6V

Word Search—Field Day 2016

Can you find all the words and terms related to Field Day? Words may be forward, reverse, up, down, or diagonal. Words were taken from the ARRL page and documents at: <http://www.arrrl.org/field-day>

```
I A S P D J V C Y K C L O Q Q A
Y Y B O S Q O T W O C A O X R Y
I R L N M R I S M U A T H R Z Z
Y X E L O C F P M R B I L B G G
D C V T I R E A C O R G A W T D
S E N L T T M A H T I I H K B S
V C B E I A L A P A L D F H F I
R U O T G L B M L R L I B S W L
P X I R S R M B W E O U E B A E
J O F I E B E B O N U S C M Z K
N K G H B S I M Q E D N I D O F
T N Z L O X I I E G K T F E U V
F R E A D I N E S S P J G H A O
I L N B K V B T M O H N S U G I
P F N S N R E W O P R A L O S C
Y A D D L E I F U B K U F G O E
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ABNORMAL
ARRL
BATTERY
BONUS
CABRILLO
CALLSIGN

COMPETITION
DIGITAL
EMERGENCY
FIELD DAY
GENERATOR
OPTIMAL

PUBLICITY
QSO
READINESS
SCORE
SOLARPOWER
VOICE

Meeting Minutes — AARC General Meeting, 3 May 2016

Start: 7:00 pm

Attendance: 65

Visitors: Seven visitors tonight. Welcome!

New hams: none

New members: none

Upgrades:

Crockett Grabbe, KF5LTT

Mary Steelman, KG5EXJ

Call sign changes: none

Approval of minutes: Minutes of the April meeting were approved as distributed in the AARCover.

Announcements:

General:

- ◆ June: Field day planning from Jeff Schmidt, N5MNW and Stuart Rohre, K5KVH
- ◆ Rick Herndon, K5FNI: If you have any experience aligning wobbly loop receivers please contact me.

Events: (For details check the SwapNet newsletter)

- ◆ May: Maker Faire (this weekend)
- ◆ May: Dayton Hamvention
- ◆ June: Hamcom

Officer and committee reports:

- ◆ Jay Hoffman, KA5OST, treasurer: We have money.
- ◆ Angie Steelman, KF5ZXI, secretary: 56 sign in last month. Please sign in!
- ◆ Lew: My main task is to provide presentations. Please give me ideas.
- ◆ Don Dudley, AC5YK, president: see below
- ◆ Stuart Rohre, K5KVH, technical committee: Please report any repeater problems via the website. Set up will be on Saturday morning for field day.
- ◆ Mark Esslinger, W5MAE: ARES completed the spring SET a couple of weekends ago and will probably spin up again in July to support WCARES.
- ◆ Brian Wood, BBHN: Digital Wednesday is second Wed of month at CATRAC
- ◆ Don: awarded 4 x \$3000 scholarships for 2016: Lucas Batisberger, KG5GHP; Elliot Gordon, AF5HH; Emily Risinger, KG5FFG; and Nicholas Rooch, KE5JXL.

It was suggested to start a show-and-tell table for perusal during the serving of refreshments, so bring something interesting!

Space weather presented by Lew Thompson

Meeting adjourned: 7:35 pm.

Presentation by K8YUM, Dana Whitlow (Arecibo Microwave RX specialist/scientist) on the Arecibo Observatory in Puerto Rico.

SILENT KEY

ARRL Patron Dave Bell, W6AQ (SK)

Forwarded by Stuart Rohre, K5KVH

SB SPCL @ ARL \$ARLX003

ARLX003 Hollywood Producer, ARRL Patron Dave Bell, W6AQ (SK)

QST de W1AW

Special Bulletin 3 ARLX003

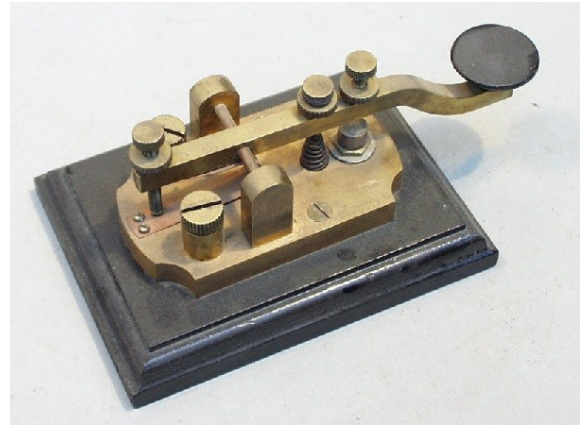
>From ARRL Headquarters

Newington CT May 16, 2016

To all radio amateurs

SB SPCL ARL ARLX003

ARLX003 Hollywood Producer, ARRL Patron Dave Bell, W6AQ (SK)



Award-winning Hollywood producer and ARRL benefactor Dave Bell, W6AQ, of Encinitas, California, died on May 13. He was 84 and had been a radio amateur for 65 years. Bell had been suffering from cancer and was in hospice care. An ARRL Life Member and a former chair of the ARRL Public Relations Committee, Bell directed Amateur Radio Today and produced several other ham radio-related promotional videos and films, starting with The Ham's Wide World, a TV documentary filmed in black and white.

"If I have a claim to fame in Amateur Radio, it's probably that I produced the first television documentary about ham radio that got worldwide distribution, and then I made several others before I 'retired' from the ham radio film/video hobby-within-a-hobby and got busy making a living producing TV movies, specials, and documentaries for all of the networks including HBO and Showtime, and made a couple of theatrical feature films - Nadia and The Long Walk Home," Bell recounted on his QRZ.com profile. He started TV's Unsolved Mysteries, and he received an Emmy Award in 1985 for Outstanding Drama/Comedy Special, Do You Remember Love. Bell chronicled his filmmaking and his Amateur Radio and professional lives in a memoir, World's Best Hobby.

Last year, Bell and his wife Sam, W6QLT (she's a quilter), donated a signed Andy Warhol print to the ARRL. The artwork - "Myths: Superman 1981" - sold at auction last fall for \$150,000. The proceeds are being used to create "The Dave Bell, W6AQ, Endowment Fund" to benefit the League.

Bell also produced The World of Amateur Radio, This is Ham Radio, and Moving Up to Amateur Radio. He directed the Amateur Radio Today video in 2002. The short presentation about emergency preparedness was narrated by former CBS Evening News anchor Walter Cronkite, KB2GSD (SK), written by Alan Kaul, W6RCL, and produced by Bill Pasternak, WA6ITF (SK) and Bill Baker, W1BKR. Bell and Pasternak also created The DIY Magic of Amateur Radio in 2011, and he co-produced The ARRL Goes to Washington, also voiced by Cronkite. Working on his own, Bell filmed videos for the World Radiosport Team Championship (WRTC) events in 2000 in Slovenia (The Ham Radio Olympics) and in 2002 in Finland.

A DXer, casual contesteer, and a past president of the Southern California DX Club, Bell was a frequent speaker at Amateur Radio gatherings. He was named the 1984 Ham of the Year at Dayton Hamvention, and, in 2003, the ARRL presented Bell with its first Lifetime Achievement Award for his work on films and videos about Amateur Radio. In 2011 he was named to the CQ Amateur Radio Hall of Fame.

Heil Sound Ltd's Bob Heil, K9IED, called Bell "one of the great ones." Heil said Bell's "great smile and laughter" and his "generosity to the hobby" would be missed, "but most of all, we will miss his spirit."

NNNN

/EX

AARC Meeting Info.

Applied Research Lab

10000 Burnet Road

Business Meeting 7:00 pm

**Topic: Field Day 2016 Plans & Preps
Solar WX Summary**

Officers Meeting

**Officers meet from 6:00 to 7:00 pm prior to
regular club meeting and is open to all.
Contact an officer for more information.**

2016 Calendar of Events

All Through 2016 - National Parks On The Air

<http://www.arri.org/NPOTA>

Amateur Radio will be helping the National Park Service celebrate their 100th anniversary. Hams from across the country activate NPS units, promote the National Park Service and showcase Amateur Radio to the public!

June 10-11 HAM-COM <http://www.hamcom.org/>

See article on page 6 for more info.

June 18 - Big Spring Amateur Radio Tailgate

<http://www.qsl.net/w5aw/>

Sponsored by: Big Spring Amateur Radio Club

June 25-26 ARRL Field Day weekend

See article on page 1 and more info on page 7.

July 16 - Texas City Hamfest <http://tidelands.org/>

Doyle Convention Center, 2010 5th Ave N, Texas City.

Talk-in: 147.14 MHz (PL 167.9 Hz)

secondary: 442.025 MHz (PL 103.5 Hz)

July 22 - Oklahoma Section Convention (Ham Holiday 2016) <http://www.hamholiday.com/>

Sponsored by: Central Oklahoma Radio Amateurs

August 5-6 - Austin Summerfest

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

Crowne Plaza Hotel, 6121 North IH35, Austin, TX

(NE corner of IH-35N and US-290E)

Registration now available online!

September 10 - Lubbock ARC's 3rd Annual Hamfest

<http://K5LIB.org/>

2016 Upcoming Amateur Exams

ARRL VEC - July 9

9 a.m. at Bethany United Methodist Church.

\$15 fee. For more info, contact:

Joe Makeever, W5HS (512-345-0800) or

Larry Gunter, WB5BEK (512-345-7281)

W5YI VEC - June 18 & July 16

2 p.m. in **Room 207**, Fleck Hall, St. Edwards

Univ. Contact Craig Bean, AC5KW@arrl.net

(512-474-6443) for more info. \$14 fee.

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

Upcoming Meetings...

June	July	Austin Meetings/Happenings	Time	Address
7	5	AARC Meeting @ Applied Research Lab	7:00 p.m.	10000 Burnet Rd
28	26	Travis County A.R.E.S. @ Applied Rsrch Lab	7:00 p.m.	10000 Burnet Rd
23	28	CERT Meeting @ CTECC	6:30 p.m.	5010 Old Manor Rd
27	25	CTDXCC Meeting @ Old Quarry Library	6:30 p.m.	7051 Village Ctr Dr

If your club is listed here and has incorrect time or dates, please let us know! editor @ austinhams.org