



The Bullsheet

The Official News Bulletin of
The Texas DX Society
An ARRL Affiliated Club

The Texas DX Society, Houston TX K5DX@tdxs.net July 2016

The TDXS Meeting this month will be on Wednesday July 13th at:

**The Empire Café
1732 Westheimer Road,
Houston, TX 77098. Dinner starts at 6:30 PM**



Editor's Note by Allen N5XZ

WOW! We had a GREAT Field Day this year! Once again, TDXS joined forces with BVARC and Echo to play at The Pecan Grove Volunteer Fire Station in Richmond, TX. We were bumped from the Richmond Fire Training Field due to, well, fire training. So with only a few weeks to go, N5MT and N5VCX organized Field Day at a new location. It created a few new obstacles and challenges, but that's what Field Day is all about, right? We had the great help of a lot of individuals (too many to list all of them all) but I especially want to thank Bill WA5KXG for supplying TWO manlifts; Glen

WB5TUF for computers, networking and software; Dave K5GN, Roy AD5Q and Nizar K0NM for doing some great operating on CW, Dave KD7THJ for the GREAT food, and many, many more! Also, many thanks goes to the operators of the GOTA station. As far as I am concerned, it was a great success! Our score will be down from last year, my guess is between 25% and 33%, but band conditions were in the dumps for everyone, plus we did have antenna problems, and an hour late start. We still operated 24 hours, but after 1 p.m. on Sunday afternoon, the bands were R-E-A-L quiet.

We are already starting to plan for FD 2017, instead of waiting to the last few weeks before, so it should be better than ever! Stay tuned! (Next year I would like to see more TDXS participation, especially SSB operators!)

As I mentioned before band conditions were lousy again this month, but N5XZ did manage to put the following DX in the log: SV8LMU, A93JA, XR0YS, HS7AT, HS3XVP, YC9UTI, VR2CO, 5B4VL, 4Z5LU, A31MM, 7Z1JA, P29LL, BX6AD, 5W0COW, HZ1BH/QRP.)

73, Allen N5XZ

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The Prez Sez by Bob, W5UQ

Prez sez for July 2016.

Howdy cowboys and cowgirls,

It's another month and another TDXS dinner meeting coming up. Keep an eye out for the location to be announced on the TDXS.NET website later. We will be shooting for a date like the second Wednesday of July. However it could be a different date depending on restaurant availability.

The big story for the month is Field Day. And I will leave that up to Mike, N5MT If other members were there, I didn't run into them. Forgive me if I missed you. J and others to cover as I wasn't able to participate again this year. I was at Friedrichshafen Germany at the yearly International hamfest there. So I thought I'd take some pictures and share them with you.

We saw some TDXS'ers there. Ed Gerber, W5GCX, was first TDXS'er I ran into and he had Randy, KF5UOJ, with him. Seems Randy passed his Extra Class test very recently too.



Lots of pictures were taken and I'd like to share a few of them with you. This is the front of the Messe, Convention Center at Friedrichshafen. Most hams stay at the local hotels and go to the bus/rail station and ride the bus to and from the Messe. We meet such nice hams that way too.

My wife Elva, KG5HIE, and I got into one of the pictures.

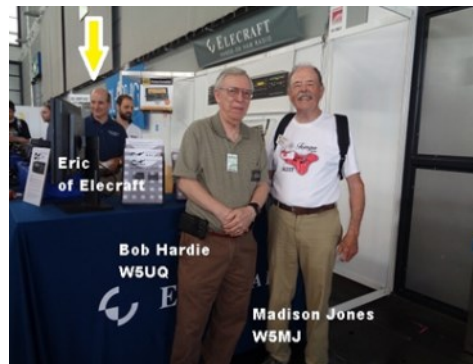
A pix of the large commercial vendors area and is generally very crowded. We caught this isle with few hams. Most of the main manufacturers are there. ICOM, Kenwood, Yaesu, Flex, etc. Along with many European dealers.



The ARRL is always there as are the Dayton people. Both have booths every year.



Then Madison Jones, W5MJ, was at the Elecraft booths.



TDXS Meeting Minutes by Doug Seyler WB5TKI

TDXS June 2016 Meeting Minutes

Field Day!

Date: June 25-26, 2016

Location: Pecan Grove Volunteer Fire Department & Pecan Grove Park, 727 Pitts Rd, Richmond, TX

Attendance: Members: Mike N5MT, Glenn WB5TUF, Curt WG5H, Allen N5XZ, Orville K5VWW, Gerald K9GEM.

The TDXS Meeting for June was the annual ARRL Field Day. This was a tri-club event with BVARC and ECHO. Due to other obligations that weekend (my wife's 50th High School Reunion in Round Rock) I was unable to attend FD. However anecdotal evidence points to a very successful effort. Total attendance for all three days (including Friday setup) was 104, as recorded in the signup sheets.

73,

Submitted July 5, 2016

Doug Seyler WB5TKI

TDXS Secretary



DX Report by Orville Burg K5VWW

DX Report by Orville Burg, K5VWW

Wow, I thought during last month band conditions were in the pits. About the only band that has been fairly reliable in opening is Six Meters again for the second month. Several TDXS members were working DX e-skip including **N5AF**, Sammy, **AJ4F**, Robie, **W5PR**, Chuck, and **AC5K**, Wes. **K7BV**, Dennis, worked **UB7K** and **W5OZI**, Pat, worked **R6KA**, for a new country on 6M by working the Crimea which counts as Russia!

I missed a few openings into EU while I was out-of-pocket, or just didn't have propagation this far west.

When 6M was open, I managed to snag a bit of DX this past month: **6Y5WJ**, **CO8LY**, **CT1HZE**, **EA6SX**, **EA8DBM**, **F2DX**, **F8GGD**, **G8DX**, **HH2AA**, **HI3TEJ**, **J68HZ**, **NP2X**, **OZ1DJJ**, **S57RR**, **SV1DH** and **VY2LI**.

W5PR, Chuck, managed to work 5 new countries on 6M, Including: **F2JD**, **J68HZ**, **G4RRA**, **GM3POI** and **EI3KD**. He also worked: **TG9AJR**, **KV4FZ**, **HH2AA**, **9Y4D**, **YV6CR**, **NP2X**, **F5OWT**, **NP4BM**, **KP3AO**, **KP4EIT**, **KP4/AH6FX**, **VP2EKG**, **4V1G**, **NP4A**, **CO8LY**, **6Y5WJ**, **PA2M**, **CT1HZE**, **EA6SX**, **CU1EZ**, and **UX1LW**.

AJ4F, Robie, in his limited time managed to work **CT1HZE**, **VE9AA**, **VE7DAY** and **HI3RD** on 6M, as well as **S01WS**, 15M, **HI8/KB1KKE**, 30M JT65, **LY2SA**, 30M, **A93JA**, 20M CW, **HA3PT**, 30M JT65, **CO8LY**, 30M RTTY, **XR0YS**, 20M cw, 30 M rtty, 17M CW, **PZ50X**, 17M CW, **6Y6N** 17M CW, and **OM3SEM**, on 30M.

This shows that even when the bands appear to be dead, some DX may be gleaned out of the noise.

In July, there are supposed to be operations from several countries during the IARU contest from 1200 UTC **July 9th** until 1200 UTC Sunday, **July 10th**. Some of these entities are **V84SQ** from Brunei plus **J77HQ** from Dominica by **K5KG** and others.

Good DXing,
Orville, K5VWW

Contest Chairman's Report—by Glenn Anderson WB5TUF

Hello,

Happy July! I hope you're all enjoying the heat. The weather's hot but the bands are not...the flux has been in the low 70's since before Field Day.

And speaking of Field Day, if you missed it, you missed a great time! This year the tri-club field day was held at the Pecan Grove Volunteer Fire Department. The site was a little cozier than last year, but still all had all the comforts of home and an ice cold air conditioner. We were 8A again this year with 3 CW, 3 phone, 2 digital, 1 VHF, and the GOTA station. The raw score is 3086 Q's for a score of 5911 before bonus points. My best guess is that we may have an additional 1000 bonus points for a score of around 6,911.

Some of our members have been active in various contests this month.

ARRL June VHF QSO Party:

K5LLL 299 Q's 151 Grids score 64,628

NN5DX 30 Q's 24 Grids score 792

W5PR 1138 Q's 208 Grids score 236,704

WB5TUF 101 Q's 67 Grids score 6,767

CW Ops Mini Test 0300Z June 23

N5XZ 47 Q's 39 mults score 1,833

CW Ops Mini Test 0300Z June 30

N5XZ 93 Q's 73 mults score 6,789

That's all for this month.

Please remember to post any of your contest activity to www.3830scores.com and be sure to select Texas DX Society as your club.

Thanks and 73,

Glenn WB5TUF

wb5tuf@arrl.net



Where in the World is... Canada (VE, VA, VO, VY) by Ron Litt K5HM

It's so big and so close you might actually overlook it or not count it as DX. As I write this Canadians to the North are celebrating Canada Day (July 1) or Fête du Canada.

Canada is officially bi-lingual; everywhere you go in Canada things are both English and French. I sometimes feel there is an echo as I write this, EH?



Despite the crummy propagation, the bands are awash today with Canadian hams, participating in the annual Canada Day Contest, sponsored by the Radio amateurs of Canada/Radio Amateurs du Canada. See what I mean, EH?



It is the national day of Canada, celebrating the anniversary of the July 1, 1867, enactment of the Constitution Act, 1867 (then called the British North America Act, 1867), which united three colonies into a single country called **Canada** within the British Commonwealth. In 1982, it was officially renamed Canada Day.

It's hard to miss. After all it is just north of Dallas. Canada's population is around 35 million, 80% of whom live within 100 miles of the U.S. border. Who could blame them, EH? If I lived in Canada, I would need to be close to a Walmart.

The rest of Canada is pretty empty with a population density of only 1 person per 2.75 square miles. Wow! What a remote antenna farm that would make, EH? And no HOA's either.

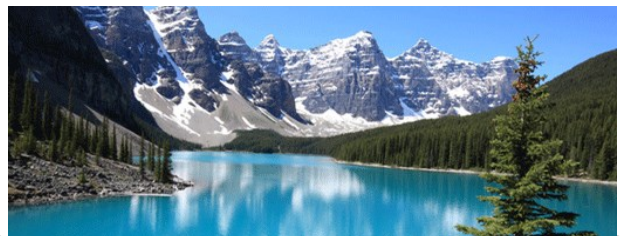
Canadians are great people. Some of the most laid back people I've met are from Canada, rather than California. And, for the most part, they like Americans and its easy to figure out their Currency, the Canadian Dollar.

Some say they speak funny and they have spelling problems with certain words like colour, calibre and tonnes. That shouldn't bother anyone; the U.S. schools gave up on spelling some time ago. Besides it's quaint, EH?

Like the U.S., Canada has multiple DX entities within its territory. The uninhabited islands off the coast of Nova Scotia, with the DX prefixes of CY0 (Sable Island) and CY9 (St. Paul Island) are Canadian territory.

Reporting from the Dark Side, EH?

Ron, K5HM



Friedrichshafen Hamfest 2016—By Ed Gerber W5GCX

This year I decided to go to the Friedrichshafen Hamfest as I hadn't been in seven years. I planned on meeting up with my friend Randy, KF5UOJ. He has been lately working in Saudi Arabia and occasionally using his remote rig link to operate from his apartment there. He also has been planning on taking the Extra exam and found that there was a VEC session at Friedrichshafen given by the DARC.



We both left on Wednesday June 22d from Houston and met up Thursday at the Airport Sheraton at Frankfurt airport where after lunch we caught the train south to Friedrichshafen. It was about a 4 hour ride via two different trains, changing at the Stuttgart station. We arrived and took a taxi to the Comfort Hotel which is close to the Messe Friedrichshafen where the hamfest is held.

On Friday, the hamfest opened at 9AM. We quickly ran into Bob and Elva Hardie of Expert Linears America, LLC and also spoke with Gianfranco Scasciafratti of SPE Italy. The hamfest was busy with all the major Amateur Radio manufacturers and many other commercial vendors; many selling small accessory items that we don't find in the US.

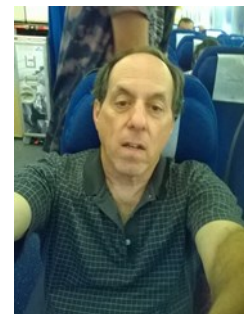
On Saturday, Randy took and passed the Extra exam as I wandered one of the two flea market halls. We later ran into Madison Jones, W5MJ who might have set a new land speed record to get there on the auto-bahn !!. (Except he said all the Porsches were passing them by.)



Wandering the flea market I found an old working Grundig tv set. Some of you might remember a tv set like this one that was on display in the flea market.....in black and white, too ! Here are some pictures from the trip. Myself, KF5UOJ, Messe entrance, front page of a German newspaper after the BREXIT vote, tv set, portable tower (in the courtyard),

A good time was had. If you get a chance, visit this hamfest as its different than Dayton with a well organized venue in air conditioned halls.

73 ed



In Remembrance of Henry Schneider W5HNS 1941—2016

Henry Schneider died Wednesday, July 6, 2016 at home in San Antonio, Texas, following a brief eight-month battle with cancer. He was 75 years old.

The son of Viola Ruth Dakin Lowe Schneider and Max Henry Schneider, Henry was born in New Orleans, LA on May 19, 1941.

Henry is survived by his wife of 51 years, Martha Winifred Camp Schneider; his daughter Laura Schneider Young and her husband Kevin of Lubbock, daughter Barbara Schneider Talley and her husband Paul of San Antonio, son Carl Henry Schneider and his wife Emilie of Humble, and nine grandchildren ranging in age from 19 to 4 years old.

Growing up in Lake Charles, LA, Henry spent countless hours in Drew Park, now the Willie Landry Community Center. He loved music, baseball, astronomy, and earned his HAM radio license as a young teenager, making news as a 16 year old when he provided the first communication to emergency services in the wake of Hurricane Audrey. Henry was a clarinetist as well as the drum major in both the Lake Charles High School and Louisiana Tech University marching bands. He enjoyed reunions and maintaining friendships with classmates.

Henry and Winifred met at Louisiana Tech and married in 1965 in the Haynesville United Methodist Church in Haynesville, LA. Henry served in the U.S. Navy as a skilled radioman in Da Nang, Vietnam, and then on the USS Pawcatuck. Following military service, career opportunities took him to Houston and then Pasadena, Texas where he and Winifred raised three children, worked, and served many years as dedicated members of Sunset United Methodist Church. Henry enjoyed retirement in San Antonio where he was a member of University United Methodist Church and multiple HAM radio clubs.



FD2005—Henry Schneider (SK) and Mac Arp (SK)



In Remembrance of Henry Schneider W5HNS 1941—2016

Among many things, family and friends will remember his dry sense of humor, sarcasm, and quick wit. Winifred will remember their shared competitive spirit discovered during their first tennis date, followed by years of bowling leagues and ping-pong matches, climbing dozens of feet in the air to assist with radio towers, years of Wednesday night choir rehearsals, and enduring harassment from unhappy baseball fans after discovering she was the umpire's wife. His children will remember him correcting their grammar, embarrassing them in front of their friends, driving the getaway car for their shenanigans, conducting the radio, exposing them to jazz, classical, folk, and 50's rock music and supporting their passion for music and sports. His grandchildren will remember drawing on his bald head with markers, his teasing, his knowledge of butterflies, his love of astronomy, and his detailed (and sometimes made-up) stories of his childhood adventures.

In lieu of a memorial service, you are invited to share a memory/story of an experience with Henry.

In lieu of flowers or a donation to charity, consider being a lung health advocate – for yourself and your neighbor. Because lung cancer is often symptom free until it reaches advanced stages, it's the leading cancer killer in the United States. And, like Henry, it affects non-smokers too. Early detection is key. Screenings could be life-saving, yet are not standard. Talk to your doctor. Make every day count.



Field Day 2016 by Mike Davidson N5MT

Happy 4th of July to everyone and congratulations to all that help us operate at Field Day this year for another 8A challenge. I hope some of you were able to operate during the 2016 Field Day from home or at our special three club FD site at the Pecan Grove Volunteer Fire Department in Richmond, TX. The planning for this year started several weeks ago with my counter part from BVARC, Mike Hardwick N5VCX who is now the President of BVARC.

We planned to have our Field Day site similar to last year at the Richmond Fire Training grounds but a scheduling problem caused us to change our site to the new location. We had enough equipment planned to do another 8A classification this year but the new site was going to be next to the Pecan Grove Park where we could put up our antenna supports. We used a meeting room at the Vol Fire Station and put up two man lifts and one trailer tower similar to last year. The coax runs were just longer to get back into the radio room, hi. So we set our plans to do another 8A site with the same number of radios as we had last year plus the GOTA station. Last year with our 8A classification, we came in 5th in the world! I think that was a record for a TDXS/BVARC/ECHO type Field Day as we had a good run of luck during 2015. But what about this year?

One of our goals was to keep the site operating the full 24 hours of Field Day. Last year we did not loose much on the air time as we kept most all of the stations active the entire period. We did have some thunder storm activity last year that caused us to off the air about 50 minutes so I was hoping that we might be able to do a better score this year if we could operate the full time. But, the sun has not been helping propagation the past two months and this did not look like our expected propagation was going to be as good as 2015! Propagation was predicted/expected to be about 15 percent less this year. I had my doubts about what kind of band openings we would have to work with when we were starting to operate on Saturday afternoon.

We were hoping to use the RV that Dave W5BXX has loaned to us in past years. The RV has a nice crank up tower with a T8 log periodic for one station and a six meter station that can also fit in the RV. Two years ago, we had two RTTY stations and the six meter station in the RV. But Murphy cancelled the use of the RV as it was down for repairs and not usable this year. So we had a BVARC member come forward and arranged for a small man lift and a big 65 foot man lift to be brought out to the Field Day site so that we could put up a A3 tri-bander and a two element 40 meter beam for the CW stations to use. Thanks to Bill Cordell WA5KXG for his antenna raising help! The three CW stations share an tri-band antenna on this tower using a tri-plexer filter so three stations could use the same feed line to the A3 antenna! This makes for a more efficient use of resources and more points! Last year the CW stations kept the night time QSO rate up for more points. We wanted this to be another priority item for us this year. And yes, the CW ops made more Q's than the SSB guys especially during the night time hours this year!

In the meetings we had in planning this Field Day, we were able to find a 40 Meter antenna that had not been used in several years. The club owned two of these antennas in the past but one of them had been damaged and had to be scrapped. But the newly found two element 40 Meter Cushcraft antenna was tuned for the CW portion of the band and we were going to use it for the night-time opening on 40 Meters. As mentioned before, this antenna also went on the highest antenna support, the 65 foot man-lift just under the A3.

So, by late Saturday June 25th, we had two operational A3 tri-band antennas up in the air and the 40 Meter beam. A 40 meter rotatable dipole mounted above the SSB tri-band antenna on its tower, had a coax problem and was not usable. We ran out of fix-it time and we had to delay the operating time of our Field Day by one hour to fix the last antenna support and its two antennas, one of which had a coax problem that was never fixed. We had a wire antenna for 80 CW mounted on the tower supporting the Fire Departments radio system. We missed putting up a 75 meter antenna for SSB but we never make many points on 75 Meter SSB in past years.

On Saturday morning we put up the smaller man lift with an antennas for our two RTTY stations. We used a three element beam for the six meter station that was supported by a steel cargo storage box outside of the Fire Station. We had a four band SteppIR Vertical for GOTA station. When FD was over, we used the man-lift to help take down the six meter support and it was much safer and no strain on the helpers! Yes the man-lift was worth it...

There were extra radios brought out by different members, some of which who had never operated at FD before so my thanks to all that helped with loaning us a radio or two. Unlike last year when we had a radio fail just after we started operating, this year every radio was fine. We just had to start one hour later and operate one hour more to make the total 24 hours on the air this year.

I brought out a storage battery that had been charged by a large solar cell at my house so we could get credit for the solar energy bonus. I hooked up a Yaesu FT100 to the battery and made about seven contacts on the 20 meter SSB for the 100 points bonus for natural power.



Field Day 2016 by Mike Davidson N5MT

The tri-plexer that ECHO supplied for the SSB stations was repaired by Tom N3LLL, as there was a bad circuit for the 15 Meter section of the filter. The tri-plexer used for the first time in 2014 and we had no trouble with this year on the three SSB stations.

The beginning of this Field Day was a bit hectic. Thanks to Glenn WB5TUF, we had a logging computer and LCD display running the N1MM contest software for all the operating stations including the GOTA station. We were still putting up the SSB tower when 1 PM came around so we decided to delay our start by 30 minutes which turned into one hour. We had already decided to use the 8A classification for this year. The three CW stations were ready, the three SSB stations were ready, the two RTTY stations were ready, the GOTA station was ready and the free six meter station were all online with the network and ready to log contacts. The GOTA station used the computer to log contacts with the K5DX call sign and the other regular Field Day stations used the call KK5W like we did last year.

The big problem this year was lost time in antenna setup. We must have lost 4 to 5 hours of time messing with antennas and broke feed lines. We had to borrow some extra feed line since the runs out into the Park were very long, about 350 to 400 feet was the longest, and we needed two of them for two antennas on that tower for the SSB stations. We have tried in the past to get at least two of the towers up on Friday so that we only have to work on one tower on Saturday morning. This year, we did not have any towers up at the start of Saturday. So we will have to work on this topic for next year and even allocate some money for antenna replacement for 2017. We also need to buy some additional coax for the club to own or have some donated to the club from members that have extra.

OK now for the things that kept our score from being less this year from 2015... Propagation was about 15 to 20 percent less than last year. The solar flux was down, so 10 Meters finally opened up on late Sunday for only a few dozen QSO's. On Saturday the guy on the 10 Meter SSB station had me listen to the band for my comments. I did not hear any beacon stations on the band and likewise did not hear any Field Day stations calling CQ, so the Band Was Dead.

Likewise on 15 Meters, there was not much energy to get our signals to other stations so we had very few QSO on 15 Meters. Conditions were better on Sunday morning but not by very much. The total number of SSB contacts was only 261. We only had 277 on RTTY and the big winner was the 2548 CW contacts we had on all bands. On the six meter station we only made one or two contacts all weekend, a major loss of time this year. Almost the same way on ten meters. I wanted to make 4000 Q's for FD 2016 but the Q count tells me that we had 25 percent less propagation in 2016 vs last year!

About 1 AM Sunday morning, I turned over control operator duties to Al N5XZ for the night. My feet were hurting so I had to get some rest and found a bed upstairs for the night. We had to drink water all day to keep hydrated as the outside temp was over 100 degrees with the high humidity. Someone made coffee the next morning and we had again had so great tacos to start the day. We had plenty to eat with Subway sandwiches for lunch on Saturday, grilled hamburgers for dinner, tacos and donuts for breakfast, plus a few more things. We did not see any of the firemen during our Saturday time as they were at the second fire station in Pecan Grove. We did see two or three firemen on Sunday as came in to clean up the station and do some equipment moving. There are only a few paid full time firemen as most of them are volunteers and are on call.

The GOTA station was organized by Scott KD5FBA and Jim N5DTT both BVARC members. Jim did a few technical things with one visitor but we did not count that for bonus points. Jim and Scott both did a lot of Elmering on the radio to only one young visitors and several adults that came in. We logged 76 contacts and they have to be broken up by who was operating before we can submit our score and points to the ARRL for credit. At the time of this writing we still do not have all the details to submit a score and furnish the documentation required.

Bonus points were a lower priority so here is a short explanation of what we achieved. Each bonus was 100 points and we were not able to collect all the slots available. We were visited by ARRL West Gulf Division Vice Director - John Stratton N5AUX who paid us a visit on Saturday afternoon and had dinner with us. John said we were the biggest site that he had visited in his rounds around the Houston area. We were operating on emergency generator power with our eight stations so we got 800 points for these eight transmitters. We did our Media Publicity, we set-up in a Public Place and had an Information Booth setup in the fire station for visitors to look at. We copied the Field Day msg on CW and RTTY. Bill KG5FQX made one FM Satellite QSO early on Sunday morning before sunrise. The first try on Saturday afternoon for a Sat Q was a bust as our five watt signal did not go well with the dozens of people calling. We had solar power stored in a rechargeable battery that we put on 20 meters for the required contacts.



Field Day 2016 by Mike Davidson N5MT

Well, it came time to end the twenty-four hour FD time slot. Our operators had been able to sign up for two hours slots starting on Friday if they helped with setup. Some ops took advantage of this and a signup sheet was at each station at the FD site. We had setup some rules about not doing more than two hours on the same station, so you had to move to another station when your two hour time was up or just stop and take a break, etc.

Takedown: We set a record for taking down all the stuff this year. We did not get to start take down until after 2 PM on Sunday since we started one hour late. The big tower came first, the man-lift was easy turn it on and push a few buttons and it was on the ground and taken apart. We then move the lift to one of the smaller towers that was hard to put up and it came down very safely without a problem. The side band tower was owned by the other FD chairperson, Mike N5VCX, and it came down, the SSB antennas were taken apart and coax rolled up as needed. Then we turned to taking down the wire antenna for 80 meters, the GOTA station and six meter antenna. Bill used the big man lift to help get to these antennas and used the lift with its power lifting to easily move the other stations to the ground for take apart. It was a lighter setup and came down without to many people helping. We were finished by 530 pm and left the site just like we found it on Friday.

Both the TDXS and ECHO contributed \$100 towards food and expenses for FD. BVARC also allocated some mon-
eys for FD but do not know what their budget was for this year.

There were no Medical incidents like in 2014 when we sent one guy to the ER. So we had a very good but hot Field Day 2016. On Sunday it was cloudy so it was a bit cooler, think it was about 95-98 and cloudy but on Saturday maybe 96. I did take a temp of my car and inside in the sun it was 110 and the hood was 120!

We kept a sign-in log at the information table at the front table so all could sign in. We had 24 people sign in on Friday, the same as last year. We had only 49 sign in Saturday, which was 21 less than last year. On Sunday we had only 30 this year vs 39 people last year.

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So thanks to everyone that made a successful Field Day event from the new location. With everyone's help and perseverance, the event was successful with what we were supposed to do to exercise our emergency preparedness at Field Day. We had a station for new hams to operate and exchanged ideas on antennas, installations, operations, planning and interfacing with the Pecan Grove Volunteer Fire Department in real time. We appreciated all the help and work that everyone did in making the 2016 TDXS/BVARC/ECHO Field Day a success.

Thanks to all that helped. 73 Mike Davidson N5MT



Some statistics from the TDXS/BVARC/Echo Field Day 2016 by Allen Brier N5XZ

The final score has not been computed yet from all sources. In addition to the numbers below, there are also Bonus points and GOTA Station points.

I count: CW: 2548 x 2 = 5156 + DATA: 277 x 2 = 554 + SSB: 261 x 1 = 261 = TOTAL QSO POINTS: 5911 x 2 (Low Power) = 11,942 points + Bonus points ?? + GOTA Station ??.

N5MT and N5VCX will tally up the final score and it will be published on the reflector and the next issue of the Bullsheet.

Mode	Band	CW	LSB	PSK	PSK31	RTTY	USB	Tot
CW	3.5	201						201
CW	7	850						850
CW	14	1108						1108
CW	21	335						335
CW	28	54						54
LSB	7		1					1
PSK	7			1				1
PSK	14			1				1
PSK31	7				60			60
PSK31	14				17			17
RTTY	7					1		1
RTTY	14					197		197
USB	14						170	170
USB	21						67	67
USB	28						10	10
USB	50						13	13
Total		2548	1	2	77	198	260	3086

Totals for the GOTA station:

Note: CNB is actually Connie KC5VHH (XYL of N5XZ).

Operator	LSB 7	USB 14	Tot	Accum
CNB	10		10	10
KG5LRP		5	5	15
KG5MBG	4		4	19
KNM	32	17	49	68
SAM	4	4	8	76
Total	50	26	76	76

Operator	CW	LSB	PSK	PSK31	RTTY	USB	Tot
AD5Q	537				1		538
K0NM	337						337
K5EAR						7	7
K5GN	465						465
K5IZO	176					1	177
K5LDL						13	13
K5VWW	129						129
KD5FBA						19	19
KD5YOU						20	20
KD7THJ						6	6
KE8G	77						77
KF5TFJ					1	8	9
KG5BDZ						10	10
KG5FQX						11	11
KG5LRP						3	3
KG5MBG						2	2
KJ5Y	26						26
KK5W						1	1
N5DTT						30	30
N5MT					14	21	35
N5VCX						1	1
N5XZ	736		1		26		763
NT5SM						2	2
W5HFF						105	105
W5RUA		1	1	18			20
WB5RUA	1						1
WB5TUF				46	156		202
WD5L	4						4
WG5H	60						60
WW5PA				13			13
Total	2548	1	2	77	198	260	3086

Texas DX Society Board members

President	Bob Hardie, W5UQ	w5uq at att.net
VP Membership	Keith Dutson, NM5G	kdutson at sbcglobal.net
VP Programs	Robie Elms, AJ4F	ruler55 at gmail.com
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DXCC QSL Card Checker	Bob Walworth, N5ET	rwalworth at charter.net
CQ WAZ Card Checker	Bob Walworth, N5ET	rwalworth at charter.net

How to reach US

On the World Wide Web <http://www.tdxx.net> email address: k5dx@tdxx.net

On 2 Meters: 147.96/36 MHz (100 Hz) On 70cm: 447.00/442.00 MHz (103.5 Hz)

DX Cluster—On Packet: Connect to **K5DX** on 145.71 MHz or telnet via IP address 75.148.198.113

TDXS says "HAPPY BIRTHDAY" to these members with birthdays in July

Please notify the Editor if I have missed anyone

Tom Lay - AA5Y
 Pat Sonnier - W5WMU
 Dennis Alexander - W5KU
 Tom Wheatley - K5CNN
 Mike Davidson - N5MT
 Bill Price - KZ5DP
 Tom Jakubec - N5ZR
 Walter Schroeder - K5WS
 Richard Neal - WB5LVL
 Ron Marosko, Jr. - NN5DX
 Wayne Rogers - W5KDJ
 Stan Polak K5STZ

John Firey W5ZG