



The Bullsheet

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

The Texas DX Society, Houston TX K5DX@tdxs.net March 2023

The upcoming TDXS Lunch meeting will be on Saturday, March 18 at 11:30 a.m. at Kelley's Country Cookin' in Pearland. The address is 2933 East Broadway Street (FM 518), Pearland, TX 77581. Their website is (kelleysrestaurant.com)

Editor's Note by Allen Brier N5XZ

I arrived a bit late on Saturday for the Greater Houston Hamfest, but it appeared to be a great success! The place was full of excited buyers and sellers, there were some great programs and great prizes. I was happy to see many friends that I haven't seen in a long time, (didn't COVID screw a lot of things up???) and then wished I had got my lazy you know what out of bead to get there as soon as it opened. I lost my raffle tickets somehow, but still ended up winning an HT antenna from KS5V's ticket he gave me when he left!

Dave, K5GN was going to give a talk about WRTC, but there was a mix-up in the venue and equipment so he ended up cancelling it and decided he would give it at a future TDXS meeting...I am really looking forward to that!

Band conditions have continued to be wonderful, especially on the higher bands but even 20 is now open 24 hours a day most of the time. I am looking forward to even better conditions coming up... some notable DX at N5XZ in February: D2UY, EW4M, 7P8WW, VK9DX, TF2MSN, 4W/JH2EUV, Z62NS, 9U4WX, 3X1A, 9U5R, XV1X, 4S7AB, S01A, 7U7EE, JT1CO, FK8IK, ZA1ME, 3B7M, TZ1CE, lots of middle east, etc.

Mike, N5MT sent me his TenX DX article and there is a lot of interesting information in it. Please read it for DX news relating to 10 meters and propagation predictions.

73, Allen N5XZ (Bullsheat Editor since 2013)

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The Prez Sez by ????????

We are still looking for someone to step of to be TDXS president...how about you?



TDXS Meeting Minutes by Doug Seyler W9LCQ

Date: February 16, 2023

Location: Tracy Gee Community Center, Houston, TX

The December TDXS Meeting was live at the Tracy Gee Community Center and on ZOOM. There were 11 participants: Doug W9LCQ, Orville K5VWW, Dale KG5U, Robie AJ4F, Scott K5DD, Rick W5RH, Nizar K0NM, Rick K5TIA, Curt WG5H, Keith NM5G, John K5EC.

Agenda:

Currently there are 43 Active (dues paying) members. Only active members can vote on club activities and expenditures

The club voted to contribute \$200 to the upcoming CY0S Sable Island DXpedition, which is scheduled for March 20-29, 2023

Program by Robie Elms AJ4F on "Propagation Prediction with VOACAP Online". VOACAP is free professional high-frequency propagation prediction software originally developed for the Voice of America. An online version is available at [VOACAP Online for Ham Radio](#). The program is very comprehensive and provides a myriad of tools, but Robie focused on the tools that are most useful for predicting point to point, dxpedition use. One of the most useful visualization tools is the Prop Wheel, which shows probability of propagation by ham band through a 24 hour dial. He has used this tool for several recent dxpeditions and has found the predictions to be, in most cases, spot on.

The video from this meeting is available on the TDXS YouTube channel at <https://youtu.be/6GBAYhNICA>.

Submitted March 11, 2023

Doug Seyler W9LCQ

TDXS Secretary



DX Chairman's Report—OPEN

Looking for a new DX Chairman, any volunteers?

Contest Chairman Report—by Jim Burrough N5DTT

March

- 4 ARRL International DX Contest, SSB
- 11 South America 10-Meter Contest
Oklahoma QSO Party
Idaho QSO Party
- 12 North America Sprint, RTTY
Wisconsin QSO Party
- 18 Russian DX Contest
Virginia QSO Party
- 25 CQ Worldwide WPX Contest

April

- 1 RSGB FT4International Activity Contest
Missouri QSO Party
Louisiana QSO Party
Mississippi QSO Party
- 8 New Mexico QSO Party
Georgia QSO Party
Yuri Gagarin International DX Contest
- 14 Holy Land DX Contest
- 15 Michigan QSO Party
North Dakota QSO Party
Ontario QSO Party
- 22 North America Sprint, SSB
- 28 10-10 International Spring Digital Contest
- 29 Florida QSO Party



Contest Chairman Report—by Jim Burrough N5DTT

TDXS members participated in several contests in February. Here is their score information as it was found in the 3830scores.com website:

10-10 Int. Winter Contest, SSB 2023 Feb 4

Single Op HP

Call	Remote	QSOs	Op Time	Score	Club
N5XZ		1631	22:11	2,022	Houston SHOT

Single Op LP

Call	Remote	QSOs	Op Time	Score	Club
AJ4F		103	3	206	TDXS
KC5TT		101	2.5	145	TDXS

Vermont QSO Party 2023 Feb 4

Single Op HP

Call	CW Qs	Ph Qs	Dig Qs	CW Mults	Ph Mults	Dig Mults	Op Time
K5TIA	46	0	0	7	0	0	8
AF5J	9	0	0	4	0	0	1
							Score
							644
							72

Minnesota QSO Party 2023 Feb 4

Single OpCW HP

Call	Remote	CW-RTTY Qs	Ph Qs	Mults	Op Time	Score	Club
K5TIA		60	0	35	8	4,200	TDXS
AF5J		32	0	23	1:45	1,472	TDXS

British Columbia QSO Party 2023 Feb 4

Single OpCW HP

Call	Remote	CW Qs	Ph Qs	CW Mults	Ph Mults	Op Time	Score	Club
AF5J		23	0	21	0	1	1,992	TDXS



Contest Chairman Report—by Jim Burrough N5DTT

European Union DX Contest 2023 Feb 4

SOABMixed HP

Call	Remote	CW Qs	Ph Qs	Countries	EU Regions	Score	Club
W5GCX		95	3	47	76	114,390	TDXS

NA Sprint CW Contest 2023 Feb 5

Single Op HP

Call	Remote	QSOs	Mults	Op Time	Score	Team
K5GN(@W5KU)2BSIQ		305	49	4	14,945	TDXS

Single Op LP

Call	Remote	QSOs	Mults	Op Time	Score	Team
KG5U		223	46	4	10,258	TDXS

ARRL DX Contest, CW 2023 Feb 18

SOAB HP

Call	Remote	QSOs	Mults	Op Time	Score	Club
K5GN(@W5KU)		5163	438	47:15	6,753,960	TDXS
K5TIA		837	263	24	659,604	TDXS

SOAB LP

Call	Remote	QSOs	Mults	Op Time	Score	Club
K5GQ		285	484	11	138,024	TDXS
AJ4F		281	143	8:37	120,549	TDXS
W9LCQ		276	420		115,920	TDXS
W7JKC		85	81	9:00	20,412	TDXS

SOSB10 LP

Call	Remote	QSOs	Mults	Op Time	Score	Club
K5TU		46	28	2.0	3,864	TDXS

SOUAB HP

Call	Remote	QSOs	Mults	Op Time	Score	Club
N5XZ		1503	338	15:34	1,522,014	TDXS
AF5J		305	167	16:23	152,805	TDXS



Contest Chairman Report—by Jim Burrough N5DTT

North American QSO Party, RTTY Feb 25

Single Op LP

Call	Remote	QSOs	Mults	Op Time	Score	Team
AJ4F		237	98	5:03	23,226	TDXS

South Carolina QSO Party 2023 Feb 25

Single Op FixedCW HP

Call	Remote	CW Qs	Ph Qs	CW Mults	Ph Mults	Op Time	Score	Club
AF5J		60	0	23	0	6:16	4,260	TDXS
K5TIA		39	0	18	0		1,404	TDXS

REF Contest, SSB 2023 Feb 25

SOAB HP

Call	Remote	QSOs	Mults	Op Time	Score	Club
W5GCX		64	52		9,776	TDXS

North Carolina QSO Party 2023 Feb 26

SO CW HP

Call	Remote	CW Qs	Ph Qs	Dig Qs	Mults	Op Time	Score	Club
K5TIA		62	0	0	31	10	5,766	TDXS
AF5J		46	0	0	26	3:49	3,738	TDXS

Have a good month, contesting as much as you have the time for.

Jim, N5DTT



TenX DX News by Mike Davidson N5MT

TenX DX News

March 1, 2023

Mike Davidson N5MT #24949

Welcome to the Spring DX season of the 10-10 DX News.

We had a nice Winter QSO Party in February with good signals from all over Europe and Asia. I had almost 300 Q's in my log but a Texas friend with a better antenna, talked with all 50 states, 68 countries and logged 1600 QSO's, came in first place again. The solar flux during the QSO party was 140 giving us excellent DX propagation on Ten.

The DXpedition to Bouvet Island was a big disappointment for many DX chasers in February with the bad weather around Bouvet! High seas caused dangerous boat landing conditions on the island. A few made it ashore with limited stuff and they put up two of the planned five stations. The resulting setup caused the QSO counts to be only 9% of what was expected to log with five stations. I did not hear any activity from Bouvet on Ten but they logged 675 QSO on Ten. Most of the Ten meter Q's were into Europe and Asia and only 2 Q's to North America. You will find some Bouvet videos on YouTube. This bad-luck DXpedition will be remembered and blame it on a lot of bad weather.

The Winter QSO party allowed my station to find 17 old DX members and 28 members that were a first time in my log! I got one three digit old member from the west coast for a new one. I worked a lot of non-members looking for numbers so they could get qualified to join 10-10. I think I talked with about 90 stations that were looking for numbers. I worked a total of 110 members and 185 non-members all weekend. I looked at our 10-10 database after the party and over 104 new member numbers had been added to the database! So thanks to all the new members and I have talked with two new members that joined from the QSO party in my log.

All members are having a good time with the rise in the solar flux due to more sunspots! The Sun gave us a solar flux high last year in September of 154 but a new high of 234 was recorded in January 2023. On Feb 17th a mistake was posted for a flux of 343 so please ignore that posting. We had many sun spots this past quarter on the Sun to cause the record solar flux. And more are expected this year!

Over 165 logs were submitted for the a Winter QSO Party which was great news for 10-10. Award forms and membership renewal info are at the website. Please swap your 10-10 number over the air on Ten to qualify for awards! When you collect 10-10 numbers, DX, Counties, Bars or you want your score to count in a QSO party, you must exchange your callsign, name, state and 10-10 number on Ten over the air. So save your QSO info in a logging program. Then when you are ready to fill out an award application, move your 10-10 info from your saved place to your award form. The honor system applies for all contacts on awards. I keep DX records for award validation as the DX Countries award manager. After filling out an award form, submit it to the email address on the form. There are 340 ARRL DXCC countries available but only 318 10-10 countries have been worked for country credit so far.

Countries Award: There were no Countries Award applications submitted this past quarter.

General 10-10 DX reported in the past quarter:

3B9 Rodriguez Island. Robert **3B9FR** #61550 was active in January on Ten with FT8 from 1545 to 1715 UTC.

3D2 Fiji. Wayne **NOUN** #11317 is now using 3D2UN from Fiji. He is good on LoTW.

3Y Bouvet Island. A rare DXpedition to Bouvet started on February 6-13th. The only member was Bill **KO7SS** #8631 and there was no report of any Ten meter QSO's by Bill. They made very few QSO's on other bands due to bad weather and bad landing conditions with high waves. In 1990, Bouvet was a first time country for 10-10.

5W Samoa. Paul **W7IV** #27182 and friends were on Savai Island from February until the 28th. The usual bands and modes plus FT8 were used. Call was 5W0DX.

9M2 West Malaysia. Rich **PA0RRS** #24343, was back in West Malaysia from January to March 27th using call 9M2MRS. West & East Malaysia are rare 10-10! No SSB, some CW but mostly FT8 around 28074 or 28180. **LoTW.**

9U Burundi. Elvira **IV3FSG** #54292 was in Burundi, Africa from February 4-27th as 9U5R along with a friend Vlad OK4WX/9U4WX. All modes all bands. A lot of FT8 from Elvira on Ten in February. The last 10-10 member to operate from 9U was Iris Colvin W6QL/9U5QL in February 1991. So this is a rare 10-10 country!

4U United Nations. The UN club station **4U1UN** #55555, in the New York UN building, was heard this past quarter. The remote HF station was on Ten along with the beacon on CW.

4U UN Switzerland. **4U1TU** #11111. There was radio from the club station on 20 & 30 Mtrs and some on FT8 but nothing on Ten in February.

ET Ethiopia. Ken **K4ZW** #18573 and Nodir **EY8MM** #52767 were using the club station ET3AA during January. I saw the station active on Ten using FT8 in January from 1230 to 1430 UTC. I do not have individual info on each. Remember is is a rare DX location.

EY Tajikistan. Nodir **EY8MM** #52767 was active on FT8 in early January. He then went to Ethiopia but is now back in Tajikistan from February 17th.

FJ St. Barthelemy. Phil **K2LIO** #7746 left the island at the first of the year 2023 and has not returned. His new call FJ4WEB. His radio is an IC-7300 with a better antenna for Ten. Phil is the first 10-10 member to stay on the island for long periods.

HR Honduras. Gerard **F2JD** #63443 was on Ten using FT8 in mid January as **HR5/F2JD** from 1500-1600 UTC.

Alex **K6VHF** #77458 was on Roatan Island using call **K6VHF/HR9** from February 12-15th using FT8 and CW.



TenX DX News by Mike Davidson N5MT

J7 Dominica. Laurent **F5MUX** #42039 used callsign J79BH on Dominica in late February. He has had eight callsigns over several years, so be careful.

PJ7 Sint Maarten. Gary **KC9EE** #16977 will be on the island from March 1-8th. His new call will be PJ7EE using a QRP radio on CW and FT8. LoTW.

V3 Belize. Walt **W0CP** #14291 is using call V31DJ until March 11th from Belize. CW, SSB and FT8. LoTW.

V5 Namibia. Mike **V51MA** #64688 has been showing up on 28450 on Saturday mornings at 1610 UTC with the LA Pelican Net. I just missed him on FT8 at 1945 UTC on Ten.

VP2M Montserrat. Thaire **W2APF** #50022 was using call VP2MDX from January 2 to March 30th. He operated CW & SSB into a hexbeam with a small amp.

VP8 Falkland Isl. Bob **VP8LP** #8854 was on Ten operating SSB from December to February. No LoTW.

YJ Vanuatu. Al **K7AR** #2736 and friend Bob W7YAQ were in Vanuatu in February for two contests.

ZF Cayman Islands. Jim **WB2REM** #48365 was on the big island using ZF200 callsign until January. He was on Ten SSB and FT8. LoTW.

Upcoming DX & New 10-10 Activity:

9G Ghana. A DXpedition of nine ops are going to Ghana from March 22- 30th. Look for George **N4GRN** #73941, and Hal **W8HC** #12502. Special callsign is 9G4X for a contest.

CY0 Sable Island. The big DXpedition to Sable Island is scheduled for March 20-30, 2023. Look for Dan **W4DKS** #5395 and John **W2GD** #14109 the 10-10 members.

Website: www.CY0S.com. Sable island is now a remote WX weather station for Canada and does not keep anyone on the island for station keeping. The ham operators are going to rent Sable facilities where they can stay and operate. The only permanent residents on Sable are 500 horses and seals that have to be protected from visitors.

FP St. Pierre & Miquelon Isl. Eric **KV1J** #31247 is planning on a June-July 2023 trip to operate as FP/KV1J.

HC8 Galapagos Island. James **WB2REM** #48365 and friends are planning a March 1-11th trip. All bands, modes and digital FT8. Unknown callsign. LoTW.

J6 St. Lucia. Dan **W0CN** #27026 and Bill **K9HZ** #2618 will be back in St. Lucia from February 28th to March 7th and the ARRL DX SSB contest using J68HZ. Outside contest Dan may be using J68CN.

PJ2 Curacao. Andreas **DK5ON** #54260, will be on Curacao Island from March 4-22nd. All modes, LoTW.

V2 Antigua. Eleven operators will be using V26EI from Antigua from March 24 to April 2nd. The 10-10 members are Declan **EI9HQ** #71019 and Thos **EI2JD** #73610.

V3 Belize. Uwe **DL8UD** #70315, will be in Belize from September 6-14th. His new call will be V31KO or maybe V3O if they authorize his special request.

Miscellaneous Items & Notes:

TenTen Website: <http://www.Ten-Ten.org> .

Propagation forecast: <http://www.solen.info/solar/> ,

www.SolarHam.net and <http://ARRL.org/Propagation> .

More propagation: <http://dx.qsl.net/propagation/> .

DX Calendar: <http://www.dxwatch.com/> .

DX: <http://www.youtube.com/watch?v=k4dJcK-WVRw>.

DXCC Most Wanted at: <https://Secure.Clublog.org/mostwanted.php> .

ARRL DXCC : <http://ebarc.org/pdf/dx-entity-history.pdf> .

Ham Lookup various ways:

<https://Haminfo.tetranz.com/map> .

Ham LoTW users: <http://www.hb9bza.net/lotw-users-list> .

NEW: WM7D Solar Values:

<https://www.wm7d.net/hamradio/solar/>

FT8 Fox/Hound Video:

<https://www.YouTube.com/watch?v=GcbtTKSRkus>

Download the DX'ers Handbook by Bryce Anderson K7UA/SK, at: www.K7UA.com.

Propagation: I expect the solar flux to range from 125-185 during the Spring, with a rise of flux. The 2023 Spring Equinox is Monday March 20th, and Spring starts for us in the northern hemisphere. The Earth is equally over the equator, giving us equal daylight/night time days. Cycle 25 started on November 17, 2019. There are 5 sunspots visible on the sun today with one near X class flare and 2 M class flares last week! Sunspots are seen by looking at the Sun and the flux is measured at 2.8 GHz.

The 2022/23 monthly **max** solar flux: Jan was 130, Feb 130, Mar 151, Apr 166, May 180, Jun 149, Jul 176, Aug 128, Sep 154, Oct 163 Nov 142, Dec 166, 2023 Jan 234 and Feb 215. **Average 163.**

The 2022/23 monthly **min** solar flux: Jan was 84, Feb 93, Mar 94, Apr 96, May 98, Jun 96, Jul 91, Aug 95, Sep 116, Oct 105, Nov 108, Dec 119, 2023 Jan 136 and Feb 134. **Average 105.**

On March 1st, the solar flux was 161, the A index was 24 and K index was 4. There have been many sunspots on the Sun and the past nine months with increased solar flux up 20-30+ points. The USAF solar flux forecast for March 1st to April 14th is from a high of 180 to a low of 140 with average flux at 162, which is a record high average.

My Prediction: Over the next three months, the best conditions on Ten could be: March 16-20th; April 12-17th; May 9-13th; and June 5-10th. For the USA, expect a 85% chance of DX to Europe, Asia, S. America or Pacific. Use the beacons 28.175-28.300 MHZ to find if the band is open. If Ten is closed for SSB, go to 28074 and use FT8 for another Q.

Three new DX member joined in Dec 22 to Feb 2023.

Dec: none; Jan 2023: none; and Feb: Gilbert **VA3NQ** #78103, John **VE3TG** #78116 and Dan **VE7VU** #78121. The highest 10-10 issued is to Rick **KX4PP** #78154.

Thanks to the Daily DX by Bernie W3UR #25731 and the ARRL DX Bulletins. This DX News edition is my number 129th of DXing reports for the past 32 years. DX news to: Mike Davidson, 26274 Whispering Pines Ave, Denham Springs LA 70726 USA and Email: N5MT@aol.com .

DX IS! 73 Mike Davidson N5MT #24949 Copyright © 2023 by N5MT

Texas DX Society Board members

President	STILL OPEN!	
VP Membership	Gerald Muller	gmuller885@aol.com
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DXCC/WAZ/WAS QSL Card Checker	Bob Walworth, N5ET	rwalworth at charter.net
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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

Facebook: <https://www.facebook.com/groups/TexasDXSociety/>

TDXS says "HAPPY BIRTHDAY" to these members with birthdays in March:

**Please notify the Editor if I have missed any-
one or of any updates:**

John Cashen - W5UG
 Bob Burns - W5SJS
 Bob Bradshaw - N5RF
 Orville Burg - K5VWW
 Wayne Bailey - NX7K
 OJ Quarles - K1OJ
 Steve Flannigan—W5HPQ
 Robie Elms - AJ4F