



THE BULL SHEET

OFFICIAL NEWS BULLETIN OF
THE TEXAS DX SOCIETY



an ARRL affiliated club

VOLUME VI. No. 8 AUGUST, 1981

MEETING NOTICE: The August TDXS meeting will be Friday, the 14th at the Chimney Rock Medical Plaza located at 6550 Mapleridge which is near Bellaire General Hospital. Way out here in Booth, without telephone or radio yet, word has been heard yet about what type of program has been planned so lets just say the meeting will be its usual happy go lucky, non-controversial self demanding your attendance and participation.

TEXAS DX SOCIETY FIELD DAY RECORDS 1971 - 1981

BAND	CALL	QSO's/HR	YEAR	BAND	TOTAL QSO's	YEAR
6SSB	K5NA	120	1977	NOVICE	516	1981
	WA5YEL	57	1971	OSCAR	20	1981
10SSB	K5ZD	190.9	1981	6 SSB	305	1977
	WB5USV	119	1978	10 SSB	281	1981
10CW	K5NA	50	1977	10 CW	141	1977
	K5MA	45	1978	15 SSB	508	1978
15SSB	K5GN	110	1981	15 CW	597	1977
	N5DU	106	1980	20 SSB	1284	1981
15CW	N5DU	81.5	1981	20 CW	917	1981
	K5WA	71	1979	40 SSB	438	1978
20SSB	K5NA	126	1973	40 CW	534	1981
	K5ZD	124.6	1981	75 SSB	165	1973
20CW	N5WW	74	1981	80 CW	104	1981
	K5WA	69	1981			
40SSB	WB5SFS	106	1981			
	K5JS	84	1975			
40CW	N5JJ	65	1981			
	N5JJ	63	1979			
75SSB	K5MA	57	1979			
	WA5UHT	43	1973			
80CW	KN5H	37.8	1981			
	KN5H	35.3	1981			

YEAR	SSB	CW	TOTAL	TOTAL w/ NOVICE	CLASS
1971	1110	827	1937	1937	3A
1972	1152	751	1903	2016	3A
1973	1655	908	2563	2657	3A
1974	1855	893	2748	2800	3A
1975	1139	1418	2557	2752	3A
1976	959	793	1752	1874	3A
1977	1728	1665	3393	3748	3A
1978	2134	1405	3539	3539	3A
1979	1620	1720	3340	3660	3A
1980	1685	1434	3119	3539	3A
1981	2060	2062	4122	4638	3A

1981 % Dupes by band/mode

	10	15	20	40	80	NOVICE
CW	0	2.9	6.9	3	2.4	3
SSB	0	0	8.6	.7	0	-

FIELD DAY '81 IS IN THE BOOKS:

The numbers speak for themselves. I have not taken the time to do a detailed analysis a'la Sir Richard King but the huge number shows what kind of year this was. Keep your fingers crossed that no other club tops us in 3A. The logs were sent in certified mail and insured for \$100.00 on 7-27-81. All bonus points were claimed and a grand total of 15,132 points should show up in QST in October. The skills learned from Sweepstakes proved to be very useful as all who operated did well.

I can't thank W5JQ, K5TU, K5DX and WB5WHR enough along with everyone else who contributed to this exceptional effort. If we do get beaten, we can certainly appreciate the effort that goes into a winning FD score. 1981 has so far been good to the TDXS. Gud luck in SS 1981.

FD Chairman
Bob Evans, N5DU

FROM THE BOTTOM OF TOP BAND: K5KG had his best hour (stateside) ever, 150 QSO's on 20 SSB, to start off his IARU RS effort...KN5H challenged by friend KN5G in WAE CW... K5WA is the rate champion of XE2QQ with an average 180 QSO's/hour...It's K5ZD vs K5GN in the Sprint again. A prelude to fireworks in the fall?...The farmhouse is in and the seeds being carefully sown at Radio Booth. N5DKG and KA5LSH (such wonderful callsigns) are both working hard. Two towers by SS ??---they'll need some help! Is KA5GJO still dying to put up is aluminum?...VE3EMV would be chagrined if I didn't give some mention to CAN-AM. This September contest is a cross between CD Parties and SS, and will catch on more and more as conditions fall towards the spot-minimum. Details next Bull Sheet...K5DX made a killing in RS Phone-only with the old antennas. What will he do with those new antennas we used at FD?...How many of you have heard (much less worked) HS on 40 SSB? Ask KB5FU about his QSO in the AA Phone...Newlywed K5MA worrying about TVI and trying to get a station back together. Probably the trusty TH6 and a K1M 40m dipole...N5DKK keeps threatening to show up at TDXS meetings ...With Europe so close at hand, contesting from New England must be quite different from here in the South. K1KI finds 40m nearly a 24-hour affair. The high bands wear a different face, too...K5RC still thinks we get "the best of both worlds"... N5DKG thinks 6 MEG is within the realm of possibility for the TDXS in SS...Rumor has it that the street-corner flower vendors practically living on K5VWW's business. Seems his wife bought him that shiny new KWM-380...Calendar watchers have been quick to point out that there are two weeks between CQ WW Phone and SS CW. Could be a good time for TDXS to submit a big WW score, though SS gets top priority...W5CET's multi-single effort in RS met Murohy head on. Bob is confident that all will be right for the fall...W5JQ perplexed by a slightly "rancid" Butternut vertical. The SWR has gone sour on 40 and 80. Maybe it will make him mad enough to put up that tower he's been saving...The NCJ editorship is on the move with K5RC's job change. W2GD has taken the position for now. From Sicilian to Italian? At least, from one SS champ to another...K5ZD planning and dreaming for the autumn action. Perhaps another foray to the Indies is in the works...Will K5VWW ever get that elusive UI8? Will KN5A ever eat spaghetti again? Will WB5WHR pass? Will N5CDO ever see the moon from his roof?... 73, K5GN.

QRV el Concurso?

Ah, Radiosport! If you missed out on the 1981 IARU Radiosport Championship then you were definitely in the minority. N5WW's verbal poll at the July meeting showed over 50% participation by those present. The traveling crew of XE2QQ led the way with a top-notch DX multi-single effort. Yours truly had a ball at the K5RC/K5GA haven on CW--a new record score and first in the nation. We W5's really do have a chance in that contest!

Coming up are the CW weekends of the two best regional DX tests, the WAEDC (Worked All Europe DX Contest) and the AA (All Asian DX Test). The phone version of WAE is in September. AA phone was back in June. These regional tests are good ones for learning conditions to improve your scores in the majors. Each one has a per-band multiplier, so you can get experience at changing bands often and at the right times. The phone WAE is near the autumnal equinox, so conditions are usually quite playful. Anything can happen in the summer, too, so try to get on at different times during the weekend.

WAE has a work-once-per-band rule, 80-10. For single-ops, twelve hours must be taken as offtime in only three periods. I suggest taking them in, say, four- or five-hour slots each night after Europe gets slow on 20m, getting back on just after sunrise as 15m gets hopping. The remainder of the off-time would probably be best taken during the pits on Sunday: if 15m is good all day on Saturday, take it Sunday at 1800z. If, on Saturday, you lose Europe for a period, then center your Sunday off on that period. Multi-singles are 48 hours (no off-time). No multi-multis allowed. For M-S, the band-change rule is 15 minutes per band-change, except for new multipliers. This makes it a loose version of the CQ WW "two-transmitter-multi-single" ten-minute rule. Good practice for the fall. Remember to check your sunrise charts and tables for the best use of 40m. The mult on 7 megs counts three mults per EU country, when 20-15-10 count two. Remember that you work your summertime Europe on 10m sometimes shortpath but mostly skew path, over Africa or South America. Keep the beam turning.

WAE has a quirk called the QTC. This is a report made by a non-EU to an EU of a previous QSO with a different EU. You get a point for each reported QSO that is just as good as the point you get for making a QSO. Just as you work a station only once, you report the QSO only once. You can give only ten reports to any given station during the test, but you can work the guy several times to complete the quota. (Only the original band QSO counts QSO points). You preface your group of reports by giving a QTC number. QTC 5/6 means that this is the 5th group you've sent and it contains 6 QSOs. You then send the time, call, and your QSO number of those contacts. Be sure to keep up your log and make a list of stations to whom you've sent QTC. You don't want to go over your quota or report a QSO twice. However, you can see how you'd want to report as many of your QSOs as possible. It is kinda neat: whenever the rate goes down, you just start reporting to keep the points rolling in.

AA is fun, cuz it's the only contest in which the JA participation never leaves anything to be desired. You can go single-op/single-band, or single-op/all-band, or multi-multi. One point per QSO on 40-10, two points on 80m, three on 160m. The Asian country list is A4 A5 A6 A7 A9 BV BY CR9 EP HL/HM HS HZ JA JD1(Ogasawara) JD1(Okino-Torishima) JT JY OD5 S2 TA UA9/Ø UD6 UF6 UG6 UH8 UI8 UJ8 UL7 UM8 VS6 VS9M/8Q6 VS9K/70 VU VU(Andamans) VU(Lacca-dives) XU XV XW XZ YA YI YK ZC/5B 1S 4S 4W 4X 7D 8Z 9K 9M 9N 9V Abu Ail. The multiplier is prefixes per band. Work only Asians for points and mults.

Long path to JA was good last year on 10m. (Check 1300-1700) 40 is productive from JA sunset to past our sunrise. 20m over the pole is a real gas, with the usual terrific summer openings to rare stuff, though the rate isn't so hot. 15m is open to JA nearly 24 hours, even with low, small antennas. Look for long path to the polar stuff on 20 and 15 in the morning just at sunrise and on 10m at their sunrise. The basic strategy is to keep the JA's rolling in and sneak in a mult or two as you go. Probably the best times for rate will be afternoon-evening on 15, after midnight on 20, and before sunrise on 40.

The Sprint is early in Sept. I think it would be great to show the boys that we are ready for the fall by getting a big bunch of TDXS sigs on with a good 10-man score for the club competition. I think this is my favorite contest (but there are those who claim it's whatever is happening on that weekend.) You just gotta move, but the best strategy for W5 is to do a lot of CQing on 20m, and lots of hunt-and-peck on 40 and 80m. If you can swing two rigs, then lots of band changes will help. If not, then it's just like SS, move when the rate drops. Remember that when you peck at someone's CQ, you get the freq after the QSO cuz he has to move. As you spin the dial, listen for call signs. Call every call sign you hear, if you haven't worked it. The multiplier is simply a matter of luck.

The Sprint is what I consider the first warning of the fall. Yes, folks, the Fall Contest Season is rapidly approaching. Better use this terrific weather to your best (antenna) advantage. There are plenty of willing TDXS hands out there to help you get going. Forty meters will become more and more important in SS as conditions come our way, so keep that in mind as you scratch for ideas.

Can the TDXS defend its SS gavel successfully in 1981? Can a new record score be set? It's up to you guys. After our incredible performance in FD, I am really encouraged. I think it shows a really big improvement in the overall level of TDXS operating skill. At the August meeting, we will be asking for volunteers for team captains for another intra-club competition. Let me know if you are interested.

See you at the meeting!-----K5GN.

UPCOMING ACTION:

AUG 15-16
SARTG RTTY TEST
NJ QSO PARTY
RI QSO PARTY

AUG 22-23
A A DX TEST
OHIO QSO PARTY

AUG 29-30
AL QSO PARTY
Occupation TEST

SEP 5-6
I LAND QSO PARTY
N A SPRINT
LZ DX TEST

SEP 9-11
YL HOWDY DAYS
SEP 12-13
VHF QSO PARTY
EUR DX TEST-PHONE
NM QSO PARTY
WA QSO PARTY
FOXHUNT TEST

SEP 19-20
CAN-AM CONTEST
COLLEGE SCRIMMAGE TEST
SCANDINAVIAN ACTIVITY-CW
MDC QSO PARTY

SEP 26-27
CLASSIC RADIO EXCHANGE
DELTA QSO PARTY
ME QSO PARTY
SCANDINAVIAN ACTIVITY-PHONE

FOR SALE: WD5CHQ selling TS 520S digital display w/outboard VFO and speaker, DC-DC power supply and CW filter. 3 years old-light duty. \$675. via K5GN.

73 *[Signature]* N5DKG

do not write above this line

Field Day

FIELD DAY CALL USED K5DX/S FD LOCATION DEMNEY RANCH
NEW WAVERLY, TEXAS
 Club or group name TEXAS DX SOCIETY

Check box if you began set-up operations prior to 1800 GMT Saturday.

27 Indicate the number of people participating in this operation.

NUMBER OF TRANSMITTERS IN SIMULTANEOUS OPERATION **3**

If Class B, indicate calls of operator(s)

ENTRY CLASS (check only one) ★

List additional bands on reverse

- A. Club or non-club group portable
- B. Non-club portable (1-2 ops)
- C. Mobile
- D. Home Station (commercial power)
- E. Home Station (emergency power)

CHECK POWER SOURCE: ★

- Generator Battery
- Commercial Mains Other

If Novice position is used, (this applies only to Class 2A and above) indicate call sign K5KDO and list total Novice position QSOs in the space provided to the right.

cw			phone		
	QSOs	DC Input		QSOs	DC Input
80	104	180W	80	17	180W
40	534		40	268	
20	917		20	1284	
15	435		15	210	
10	68	↓	10	281	↓
	2058 + 1 OSCAR 2062			2060	Phone QSOs
	516	CW QSOs Novice QSOs			
	2578	Total CW QSOs			

$$\begin{array}{l}
 \frac{2578}{\text{CW QSOs}} \times 2 = \frac{5156}{\text{CW points}} \\
 \frac{2060}{\text{Ph. QSOs}} \times 1 = \frac{2060}{\text{Ph. points}} \\
 \hline
 \frac{7216}{\text{total points}} \times \frac{2}{\text{DC input mult.}} = \frac{14432}{\text{CLAIMED SCORE (less bonus points)}}
 \end{array}$$

CHECK APPLICABLE BOXES:

- 100% Emergency Power
- Publicity
- Message to SCM

- Messages Handled
- OSCAR Satellite
- Natural Power
- WIAW FD Message

Attach proof(s) required for all bonus points claimed. All bonus points will be added at ARRL HQ.

This certifies that the station whose call appears above was operated in accordance with the current Field Day rules and that, to the best of my knowledge, the points and score as set forth in the above summary are correct and true.

7-25-81 date N5DU Bob Evans signature/call club president

Full mailing address (please print): Name: TDXS
 Number and Street 14007 MUIRFIELD LANE
 City, State/Province, zip HOUSTON, TEXAS 77075