



founded 1970

THE BULLSHEET

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



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ANNOUNCEMENTS

MEETING NOTICE- The Texas DX Society meets the second Friday of each month except when changed by the Board of Directors. The February regular meeting will be on Friday, February 13, 1987 at the Bellaire Hospital Professional Building, 6550 Maple Ridge at 7:30 P.M.

BULLSHEET MAILING LIST- The Club provides the Bullsheet free of charge to all amateurs with an interest in DX and Contests. To subscribe, send your name and address to TDXS, P.O. Box 540291, Houston, Texas 77254-0291.

BULLSHEET ARTICLES- Articles and other newsworthy items are hereby solicited by the editor. Please send them to Chuck Dietz, KE5FI, 1520 Geosource Plaza, 2700 Post Oak Blvd., Houston, Texas 77056. The Bullsheet is assembled on an IBM computer using the "Wordstar" word processing program. If articles can be submitted on a disk it would be greatly appreciated.

WEEKLY DX AND CONTEST NET- TDXS sponsors a weekly DX and Contest net on our 147.36/147.96 repeater each Tuesday night at 9:00 P.M. The purpose of the net is to exchange DX, contest and club information. Participation is welcomed from non-members as well as members. Your active support of this net is welcomed.

CONTEST CORNER
(de Brent NT5D)

Now that the holidays are over we are into the "second half" of this contest season. There are a lot of big tests coming up in early '87 and I hope you and your station are ready.

Don't forget the newly organized Texas QSO Party. It is being sponsored by the West Texas DX Association and will be held from 0000Z January 17 to 1800Z Sunday, January 18. Multiplier credit for stations outside Texas is the number of Texas counties contacted. Perhaps our "County King" KB5FU could give us some pointers! Rules for the contest appear elsewhere in this issue.

Now for some results and rumors:

73 MAGAZINE 75 METER SSB CHAMPIONSHIP

NR5M	Number 1 W/VE	Single-op
	1087 QSO's 58 States 42 Countries	

This is a new all-time record score for Texas - way to go George!

73 MAGAZINE 40 METER SSB CHAMPIONSHIP

K5LZO	Number 2 W/VE	Multi-op
	674 QSO's 55 States 25 Countries	
NT5D	Number 6 W/VE	Multi-op
	633 QSO's 50 States 26 Countries	
N5AU	Number 1 W/VE	Single-op
	1397 QSO's 56 States 32 Countries	
KE5IV	Number 3 W/VE	Single-op
	1151 QSO's 56 States 30 Countries	
NR5M	Number 6 W/VE	Single-op
	674 QSO's 55 States 23 Countries	

ARRL 10 METER CONTEST

W3LPL	Single-op Phone	1000 QSO's 74 Mults
KM5X (at N5AU)	Single-op Phone	890 QSO's 72 Mults
KE5FI	Single-op Phone	819 QSO's 76 Mults
KC5CP	Single-op Mixed	380 QSO's 56 Mults
NR5M	Multi-op	1000 QSO's 75 Mults
K5LZO	Multi-op	795 QSO's 77 Mults
KG5U	Multi-op	730 QSO's 69 Mults
K5RVK	Multi-op	450 QSO's 50 Mults

UPCOMING CONTESTS

January 10 - 11	73 Magazine 15/20 SSB Championship
January 17 - 18	73 Magazine 160 SSB Championship
January 17 - 18	Texas QSO Party
January 24 - 25	CQ WW 160 CW Contest
January 24 - 25	73 Magazine 40/75 SSB Championship
February 8	NCJ CW Sprint
February 15	NCJ SSB Sprint

Please note the upcoming NCJ Sprints in February. Traditionally TDXS has done an outstanding job in the club competition. I will be soliciting members for the CW and SSB teams this month. If you would like to participate but need a station to operate start asking station owners now. Look for KN5Hose's article on the CW Sprint history in this issue. 73 and good luck!

1987 TEXAS QSO PARTY

WHEN: 0000Z January 17 to 1800Z January 18 - both CW and Phone.

OBJECT: This contest has been newly organized by the West Texas DX Association. Stations can be worked once on each band and mode. Texas stations can work everyone with phone QSO's counting 1 point and C.W. 2 points. Others are to work Texas stations getting the same points as above except Texas phone mobiles count 5 points and Texas C.W. mobiles 7 points. Texas mobiles can be worked again in each county.

EXCHANGE: QSO # and County for Texas stations - State, province or country for others.

MULTIPLIERS: Texans: States, provinces, DX countries and Texas counties.
Others: Texas counties (254 total)

FREQUENCIES: C.W.: 3,565. 7,065. 14,065. 21,065. 28,065.
Phone: 3,940. 7,260. 14,280. 21,370. 28,600.
Novice: 3,710. 7,110. 21,110. 28,110.

AWARDS: Plaques to the high scorers in the following categories:

Texans - top fixed, mobile and novice.

Others - top U.S., Novice, VE and DX.

Certificates to top scorers in each state, province and DX country.

Certificates to the top 10 Texas stations.

LOGS: All logs must be received by March 14, 1987. Send them to: Les Bannon, WF5E, 3400 Bedford, Midland, Texas 79703.

(The official announcement does not make it clear if stations outside Texas can work others outside Texas. It also makes no mention of dupe sheets, penalties or disqualification. ed.)

CW SPRINT HISTORY
(de Steve KN5H)

For CW contest operators, the North American Sprint separates the men from the boys. The TDXS has always had active participants during the contest's 9 year life span. I recently got the idea to collect the results from the 18 CW Sprints and try to formulate some statistics about our club activity.

The first Sprint was held in Sept. 1977 and 90 operators submitted thier logs. Amongst those fellows, 5 TDXS members paved the way for an additional 18 consecutive club scores submitted by the TDXS. In fact, the TDXS is the only club to have submitted a team score in all of the Sprints. The lowest team score came in Feb. 1980 with a total of 9485 pts (3 entries) and the highest was in Sept. 1982 with 92,640 (9 entries). Quite a spread!

The team scores are summarized below.

<u>Sept 77</u>	<u>July 78</u>	<u>Sept 78</u>
29,312 pts.	55,760 pts.	33,970 pts.
5 entries	7 entries	5 entries
5th place	5th place	7th place
K5RC high scorer	K5ZD high scorer	K5ZD high scorer

<u>Feb 79</u>	<u>Sept 79</u>	<u>Feb 80</u>
17,733 pts.	51,519 pts.	9485 pts.
3 entries	8 entries	3 entries
12th place	8th place	14th place
K5NU h.s.	K5ZD h.s.	K5KG h.s.

<u>Sept 80</u>	<u>Feb 81</u>	<u>Sept 81</u>
64,217 pts.	48,843 pts.	68,793 pts.
9 entries	6 entries	9 entries
6th place	11th place	8th place
AA5Y (K5GN) h.s.	K5RC (K5GN) h.s.	K5RC (K5GN) h.s.

<u>Feb 82</u>	<u>Sept 82</u>	<u>Sept 82 (2nd team)</u>
83,802 pts.	92,640 pts.	26,270 pts.
9 entries	9 entries	4 entries
4th place	4th place	15 place
K5RC (K5GN) h.s.	K5ZD h.s.	K5LZO h.s.

<u>Feb 83</u>	<u>Sept 83</u>	<u>Feb 84</u>
76,629 pts.	40,691 pts.	73,192 pts.
9 entries	5 entries	10 entries
3rd place	5th place	5th place
K5RC (K5GN) h.s.	K5LZO h.s.	K5LZO h.s.

<u>Sep 84</u>	<u>Feb 85</u>	<u>Sep 85</u>
71,501 pts.	70,528 pts.	74,885 pts.
9 entries	7 entries	9 entries
2nd place	4th place	2nd place
K5GN h.s.	N5JJ h.s.	K5RC (K5GN) h.s.
<u>Sep 85 (2nd team)</u>	<u>Feb 86</u>	<u>Feb 86 (2nd team)</u>
6,822 pts.	76,656 pts.	4,200 pts.
3 entrys	10 entrys	2 entrys
18th place	2nd place	14th place
NT5D h.s.	N5JJ h.s.	NT5D h.s.

The following chart shows individual operator contributions:

<u>CALL</u>	<u>FOR TDXS</u>	<u>TOTAL PTS</u>	<u>PER SPRINT</u>
N5JJ	14	133,697	9,550
K5GN	12	132,288	11,024
KN5H	12	97,521	8,165
K5LZO	8	78,546	9,818
K5KG	10	76,374	7,637
K5TU	8	60,900	7,612
N5DU	8	59,834	7,479
KG5U	8	58,029	7,253
K5WA	7	52,325	7,475
K5ZD	5	51,086	10,217
NM5M	6	42,561	7,093
KZ5M	7	41,932	5,990
K5RC	5	35,870	7,174
K2TNO	4	33,238	8,309
NA5R	5	32,144	6,249
K5NA	5	24,397	4,879
K5NU	2	17,419	8,709
K5MA	3	14,814	4,938
W5JQ	2	10,024	5,012
NT5D	2	6,522	3,261
K5FP	1	5,874	5,874
NM5L	1	4,624	4,624
K5GB	1	4,500	4,500
N5IVF	2	4,196	2,098
K5DX	1	3,973	3,973
KY5A	1	3,104	3,104
NZ5I	2	2,982	1,491
W5HNS	1	345	345

Many excellent operators have participated in the TDXS Sprint efforts. Nine of the 18 Sprints had TDXS ops in the top ten. The following chart shows how many top ten finishes have been claimed by TDXS members.

<u>NUMBER</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
K5GN	9/85 2/83 2/85		2/81	9/84				2/86		
N5JJ		2/85 9/85				2/83 2/86				
K5LZO				2/85		9/85	2/86		9/84	
K5ZD	9/82								9/78	
K5RC						2/78				

Inter club rivalries are important to us small timers who never seem to get close to the Top Ten. The following chart summarizes the team standings during the last 9 years.

<u>NUMBER</u>	ORDER OF FINISH WITHIN THE TDXS									
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
K5GN -->	7	4	1	-	-	-	-	-	-	-
N5JJ -->	2	4	4	3	-	-	-	1	-	-
K5LZO -->	2	2	2	1	-	-	-	-	-	-
KN5H -->	-	1	5	1	2	1	-	-	1	1
K5MA -->	-	1	-	-	1	-	-	-	-	1
KZ5M -->	-	-	2	-	-	2	1	-	1	-
N5DU -->	-	-	-	3	2	-	-	2	-	-
NM5M -->	-	-	-	2	3	-	-	-	1	-
K2TNO -->	-	-	-	1	1	2	-	-	-	-
K5WA -->	-	-	-	-	3	1	3	1	-	-
KG5U -->	-	-	-	-	-	3	3	2	-	-
K5TU -->	-	-	-	-	-	2	3	2	-	-
W5JQ -->	-	-	-	-	1	-	-	-	1	-
K5DX -->	-	-	-	-	-	-	-	-	1	-

OTHERS THAT HAVE PREVIOUSLY CONTRIBUTED BUT ARE NO LONGER ACTIVE WITH THE TDXS CW SPRINT TEAM

K5ZD -->	4	1	1	-	-	-	-	-	-	-
K5KG -->	1	1	-	3	2	-	1	-	1	-
K5RC -->	1	2	1	1	-	-	-	-	-	-
K5NU -->	1	1	-	-	-	-	-	-	-	-
K5NA -->	-	1	2	-	1	-	-	-	-	-
NA5R -->	-	-	-	-	1	1	-	1	2	-

K5GB	-->	-	-	-	1	-	-	-	-	-	-
K5FP	-->	-	-	-	-	-	1	-	-	-	-
W5HNS	-->	-	-	-	-	-	-	1	-	-	-
NM5L	-->	-	-	-	-	-	-	-	1	-	-

In conclusion, the TDXS has about the finest bunch of CW Sprinters in the country. If you enjoy the Sprint as much as I do, maybe these numbers will help you produce a better score this year. The next CW Sprint will be on February 7th beginning at 6:00 P.M. CU then. (Thanks for a great article Steve! - ed.)

PROPAGATION FORECAST
(de Chuck KE5FI)

So far the prediction of June 1986 as the bottom of the last sunspot cycle and the beginning of the new cycle has held true. This means we will see better conditions as soon as next contest season! After the ARRL 10 meter contest I can't wait. The conditions were miserable, as they are expected to be for the rest of this contest season.

The exception to this will be in the low band contests. Conditions on 160, 80 and 40 will never be better than now. If you even remotely desire a five (six?) band DXCC you should be concentrating on the low bands now.

DX REPORT
(de Bill, WI5P)

PETER ONE ISLAND

Callsigns will be 3Y1FE and 3Y1GV.
Two Norwegian hams to arrive abt January 24 - 2 WEEKS.
CW - 3585, 7005, 14,022, 21,022, & 28,022 kHz.
SSB - 14,145, 21,245, & 28,495 kHz. QSL via LA6VM

HEARD ISLAND

VKODA

Scheduled to leave January 21. Best bets are as follows:

0500 UTC	14,215	w/N4GNR
0600 UTC	14,220	w/VK9NS
2200 UTC	14,226	w/W7PHO

CROZET ISLAND

FT8WA

1830 UTC	14,226	w/INDEXA
1530 UTC	7,003	
1630 UTC	21,015	

AMSTERDAM ISLAND

FT8ZA

1850 UTC	14,028	
1830 UTC	14,236	w/INDFXA

GLORIOSO ISLAND
FR/G/FH4ED

1900 UTC 14,236 w/INDEXA
2000 UTC 14,183 w/KAIDE

NIGER REPUBLIC
5U7/I2VA

1700 UTC 14,183 QSL I5GWO

SEYCHELLES ISLAND
S7 by G4LJF

Ian, G4LJF - January 7-20 - Usual DX freq. 10-80
NO LIST -- QSL via home call.

UNITED ARAB EMIRATES

A61AA

1400 TO 1600 UTC (Sundays) 14,183/14,250 w/IK8DYD

A61AB

1105 UTC 14,197 wrk'd by KL7

OCASAWARA

KA2IJ (SSB) / 7J1ADJ (CW)

Beginning January 7th or 14th for 10 days.
10-160 meters -- QSL KA2IJ via W6CNA / 7J1ADJ via KA2PF

LIBYA

5A0A

QRZ DX reports that 5A0A continues to be very active on 21,005
Usual operating time 1000 - 1100 UTC to as late as 1400 UTC
If you hear him, please put it out on 147.361!!

CHAD

TT8AQ

2055 UTC 14,236 w/INDEXA

MALAWI

7Q7LW

0400 UTC 7,001 QSL - G3JSU
0315 UTC 3,795

January 1987

SUN MON TUE WED THU FRI SAT

					1 *FR/G Glorioso Island - NOW! *FTBNA - 14. 236/17302 - NOW! *FTBZA - 14. 236/18302 - NOW!	2 *VK0DA Heard Is. thru 28th. IS Spratly - Jan. ???	3 73 World SSB Champ. 10 Mtrs
4 --- DEADLINE - ARRL 160 ---	5	6	7 *KA2IJ/7J1A0J Ogasawara *S7 by G4LJF Thru 28th CT3EU by G3PFS Thru 13th.	8 8P9AY by K1COW Thru 19th	9	10 ARRL VHF SS 10- 12 73 World SSB Champ. 15 Mtrs TOXS PARTY - MAGIC ISLAND	
11 *3Y Peter Is. by LA-DX-Group 73 World SSB Champ. 20 Mtrs	12	13	14	15 --- DEADLINE - CQ WW CW --- 807 by the Colvins	16	17 TEXAS QSO PARTY 73 World SSB Champ. 160 Mtrs	
18 --- DEADLINE - ARRL 10M ---	19	20	21	22	23 CQ WW 160 Meter CW Contest	24 73 World SSB Champ. 40 Mtrs CQ WW 160 Meter CW Contest	
25 73 World SSB Champ. 75 Mtrs CQ WW 160 Meter CW Contest	26	27	28	29	30	31 --- DEADLINE - TOPS 3.5 MHZ	

December 1986

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February 1987

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28