



founded 1970

THE BULLSHEET

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



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The Texas DX Society, P.O. Box 540291, Houston, Texas 77254-0291

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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 March TDXS meeting has been moved back one week by decision of the Board to the third Friday - March 15th. The meeting will be held at the Bellaire Hospital Professional Building, 6550 Mapleridge at 7:30 p.m.

HAM YOUR HEART OUT - The Club has been asked to provide communications for the American Heart Association annual Fun Run on April 21st. We'll bash this one out at the March meeting but in the meantime, anyone wishing to get involved with a very worthwhile cause can contact Orville, K5VWW, for more details.

1985 MEMBERSHIP DUES . . . are past due. Your Board set dues this year at only \$25.00 for full members, \$12.50 for associates. Dues were payable January 1st, 1985, and anyone whose dues were not paid in full by March 1st will be dropped from the roster at the next Board meeting. The club treasurer is accepting back dated checks, but only till the Board meeting. So, cover your arrears, pay your dues!

WEEKLY DX & CONTEST NET - Just a reminder that each Tuesday night at 9:00 P.M. the Club sponsors a net on 147.96/.36. Participation by non-members as well as members is welcomed. The purpose of the net is to facilitate the exchange of DX, contest, and Club information within the amateur community. Your active support of this activity is encouraged.

BULLSHEET MAILING LIST - It is the club's desire to provide the Bullsheet free to all amateurs in the area with an interest in DXing and/or contesting. If you would like to receive our newsletter, simply send your name, call, and mailing address to Texas DX Society, P.O. Box 540291, Houston, Texas, 77254-0291. Visitors at the regular club meeting can request the monthly newsletter by providing their mailing address on the sign-in sheet. Articles or other newsworthy items from club members and other interested amateurs are hereby solicited by your editor.

THE PRESIDENT'S CORNER (de K2TNO)

Now that we have one weekend of the ARRL DX Contest behind us, I think we can safely say the 2M multiplier-announcing system really works and adds points. I had earphones clamped to my head all weekend receiving those funny sounds of

cw, but certainly enjoyed both the giving and the taking. The speed with which the club multi's materialized on a new mult's QRG was astonishing. Made you think everyone was just sitting there with nothing else to do. Well, next weekend is the SSB DX test, and I will be doing my share of 2M. Hope you will be out there tuning. By the way, by Sunday everyone was desperate for contacts - any CQ'ing DX station should be put out, please!!

The strangest QSO of the test came on 15M for me on Sunday about 1500Z, when I worked on OA4 doing about 10 w.p.m. while I was lying on the carpet in front of the rig. Film at eleven.

By the time this issue goes to bed, the Desecheo bunch will be just about ready to sail. Let's hope they land safely and work scads of contacts. I was really sad to have to miss the event, until I learned that KD5SP and KC5M took a one-day quickie medical-training course "just in case." Probaly the first course of its kind that started and ended with training in mercy killing as the first-aid.

73's, Bill K2TNO

DX DATA (de KC5CP)

ACTIVE NOW:

- Christmas I. VK9XJ is VK6KRD heard 14145 at 1300. He is a permanent resident on the island. Freq 14190, 21263 & 28388.
- Cyprus 5B4DN heard 7015 at 0400.
- Equatorial Guinea 3C1BC & 3C1YL Carl & Martha are on another DX vacation in Africa. Expected stay until 3/1. CW 14030, SSB 14195 up 5 and 3595/3800 (what a split!).
- Kampuchea XU1SS heard on 14227 at 0015 with W7PHO. Base moved.
- Kerguelen I. FT8XB & FT8XA heard 14227 at 2100. Operate 20, 40, & 80.
- Macquarie I. VK0GC heard 3795 at 1100 Mon. VKOYL on 14220 at 0700.
- Mozambique SM0DQE/C9 working US 14205 at 1800 on Tuesday. As yet no documentation has been issued, so let's hope.
- Nauru C21DX on CW 7003 at 1300.
- Niger KC7UU/5N8 heard 3787 at 0500. Possible trip to 9L1.
- Reunion I. FR5DX Herick on 14198. at 2000.
- Rodrigues I. 3B9CD active on 7005 at 0100-0300 and 1300-1330.
- UK Sovereign Base Area 2C4MR has been on 14227 from 1630 with W7PHO. QSL to 64SDJ. Expect more activity early March from 2C.

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Togo DJ6SI/5V on 15-80 CW only. Heard 7005 at 0100 and 3502 at 0330.
Also 5V7NG on 14265 at 2100 with his manager, WB4LFM, on Mondays and
Wednesdays.

UPCOMING DXPEDITIONS:

Desecheo TDXS & KP4s on 6 - 160 March 7-11. K5LZO-CW, NR5M-SSB, &
KA5SBS-VHF.

Burundi 9U5JB expects March 2-3 on 7078/7178 at 0000-0345 then 3773/3778
at 0345-0445.

S. Georgia I. The Royal Research Ship Discovery hopes to land March 7-9 for a
short stay. Listen for GW's on 14023 & 14123. Ship using
GB4DIS/MM is now in Weddell Sea on Feb. 11.

Clipperton FO0XX April 3-11 by group of 17 operators. QSL to YASME. 10-160
CW & SSB & RTTY. They are still requesting funds to Northern California
DX Foundation via W6OAT. If this trip fails, contributions will be
returned as was done last time.

Mt. Athos IOSNY is reported to have received permits for his trip to SV/A.
Let's wait and see for this one maybe he will be ok.

NEWS:

Thailand On January 16 H51JN informed W6YY (just back from HS) that the
Thailand Ministry of Communications has lifted its ban on Amateur
Communications!

ZC4 All licenses issued by JSB were and are from within either of the two
SBA's or from within smaller areas administered by the SBA's. No
ZC4 callsign has been used from Cyprus & no Cypriot national has
used a ZC4 call other from within SBA administered territory. Under
these terms, all ZC4 calls should count for DXCC credit, providing
the ARRL accepts that the smaller areas outside the SBA's, but
administered by them, count as Sovereign Base Territory.

Thanks to QRZ DX, the Long Island DX Bulletin, DX Report & DX News Sheet.

PROPAGATION: March and April

Best HF March 1-3, 9-15, 17-19, 26-29.

Best HF April 6-11, 22-26.

CONTEST CORRAL (de K5LZO)

Upcoming Events:

March 2-3 0000-2400 UTC - ARRL DX PHONE

March 23-24 0000-2400 UTC - CQ WPX PHONE

Score rumors and lies:

NORTH AMERICAN SPRINT

TDXS TEAM CLAIMED SCORE - SPRING '85

				<u>CW</u>					<u>PHONE</u>
Station	Q's		Mults	Score	Station	Q's	Mults	Score	
K5LZO	310	x	38	= 11780	K5LZO	301	x 46	= 13846	
N5JJ	280	x	42	= 11760	N5JJ	288	x 48	= 13824	
K5GN	298	x	39	= 11622	NR5M	276	x 45	= 12420	
N5DU	271	x	40	= 10840	N5EA	280	x 38	= 10640	
KZ5M	262	x	39	= 10218	N5DU	266	x 37	= 9842	
N5EA (NM5M)	262	x	39	= 10218	K5WA	244	x 40	= 9760	
KN5H	275	x	35	= 9625	KZ5M	248	x 38	= 9424	
K2TNO	248	x	37	= 9176	K5DX	200	x 43	= 8600	
KG5U	201	x	35	= 7035	KESIV	211	x 30	= 6330	
					KD5SP	194	x 30	= 5820	
			Team Total	92,274			Team Total	100,506	

Other area scores include:

CW:

W5ASP	150/?	=	?
KA5SBS	105/28	=	2940
K5TU	235/38	=	8930!!

PHONE:

KA5SBS	161 x 28	=	4508
KF4VS	119 x 25	=	2975
NN5O	190 x 37	=	7030!
KG5U	234 x 36	=	8424!!
KN5H	149?x 49!	=	7301?!

CW tops looks like K5ZD w/ 327 x 40 = 13,080!
 Phone tops looks like WOUA w/ 342 x 46 = 15732!

DONT'T FORGET TO SEND IN YOUR SPRINT LOGS!

ARRL DX CW

ALL BAND/SINGLE OP

K3SA	960/244
NW4B	1200/???
N5DU	900/260

MULTI/SINGLE

K5RX	1165/302
KMIC	1670/264
K3LR	1285/290

MULTI/DOUBLE

K5RC 2176/398
K2TR 3423/357

MULTI/MULTI

K5LZ0 1811/362
NR5M 2376/390

	<u>W3LPL</u>	<u>K5RC*</u>	<u>NR5M</u>	<u>K5LZ0</u>
160	131/59	56/37	66/43	52/33
80	430/75	177/68	218/65	181/64
40	945/105	858/98	860/93	622/80
20	1241/103	672/90	817/92	662/90
15	655/95	378/84	378/78	256/75
10	39/21	35/21	37/19	38/20

*Please note K5RC was multi-two and the others in this chart went multi-multi.

Scores from the northeast indicate that conditions may have favored that area of the country this year. Reminds me of the NFL and the saying "On any given Sunday..." (The Oilers never heard that one.)

ARRL 160 CONTEST:

Congrats to N5JJ who braved the mystery noise on 160 out at Radio Hempstead and placed 8th nationally with a 927/87 - 168,867 point effort.

Contesting from the trenches

The contesting recently has been fast and furious. We just finished Sprint CW, Sprint Phone, and ARRL DX CW. And there's one more biggie coming up March 2nd and 3rd - ARRL DX Phone. The co-operation of Club members and non-members alike during the ARRL DX test was fantastic. The passing of multipliers was helpfull to each of us. There was a true team spirit this past weekend. It was like a Field Day but not in the field. It was like our XE trip but did not require as direct a participation.

Just imagine...even Frank, KC5M, got behind the key for awhile. Ole Tuna Nose's interference filters worked great. Dennis, K25M, worked JA's on 40 off the front (or was it the back) of his beam. Kenny, KE5IV, got a great multiplier (5T5) to answer his CQ on 10 meters. Unfortunately he had to call someone to copy it for him. Thank God he didn't call Tommy, KD5SP. George, NR5M, even made 1 (one) of his station's 2400 qso's. (I beg your pardon!!...I worked almost all our 10 meter Q's...ed.) He also helped by turning beams and pacing back and forth.

Tom, K5RC, just keeps on rolling (so to speak). His crew repaired antennas right up til contest time and still put in a great effort. The K5LZ0 group was kind enough to give out a menu of what they had just finished eating. This was done on 2 meters.

(Why not antagonize everyone in the test and put it out on 20?...ed) ...And wasn't it great to see the Lumber Yard put back in shape by ASP, RVK, and SJS. It's been awhile. Special kudos to those 2 meter ops-KE5IV, KD5SP, KE5TF, K5IY, WD5CBA, KF4VS, WA9VLI, and KC5CP without whose help the multiplier scheme would not have played. And thanks to Bob, AK5B, or his wife Linda, KE5TE, one of whom was responsible for the new Saint Peter to look over my station.

That's about it this month. Hope to work all of you on 6 bands phone and cw from KP5. Maybe even 6 meters will open to this area while we are there.

73's, Chuck K5LZO

SQUELCH TALE (de NR5M)

Even as this issue of the Bullsheet is being put to bed, the repeater awakens after a week of delicate surgery under the capable knife of Kim, K5TU . . . Seems that at least some of the noise was caused by a faulty BNC Connector on the jumper between the 1½" hardline and the duplexer. While he was at it, Kim performed numerous other adjustments to bring the machine up to snuff. In case you have been wondering, the receiver was 2.8 khz. high and this is the reason the machine could be "hit" better by transmitting on 147.965.

Regardless of the eventual outcome of the "surgery," Kim, Bill (K2TNO), and Wes (N5WW) should each receive a burst of proverbial white noise for their efforts to tweek up the old 96/36 machine. Thanks, guys!

The KP5 bunch's preparations are pretty much completed as of press time and everyone is already ingesting massive doses of dramamine and lomotil "just in case." I am bringing a cyanide capsule - just in case Tommy decides to try mouth to mouth. By now you have probably heard that Dave, N5JJ, is not going to be able to go with us. The bad news is that we've replaced him with Bob, N5DU (alias N5NU) of HZ1AB fame, and you all know about his code!

~~Attached you will find the answers to Wes' test. I'll announce the results in~~ next month's column. Also attached is the TDXS most wanted countries list (courtesy W5DOZ) and sunrise/sunset tables for March (courtesy K5TU). Remember, the March meeting is the third (3rd) Friday this month, viz. March 15. Hope to have some neat stuff from KP5 to show off.

73's, George NR5M

At last you can stop holding your breath. The long awaited answers to the Ham Radio IQ test have arrived. Some of you will have the answer to almost all of the equations. Others won't do as well. And then still others couldn't care less in the first place and wouldn't give a burned out balun for even one answer. Be that as it may here they are. Hope you did well.

1. .66 = velocity factor of coax (hope everybody got that)
- 2 .7 = voltage drop across a diode
3. 1.2 = voltage of dry cell
4. 4/3 = k for radio horizon
5. 1.5 = kilowatts legal operating power
6. 2 = number of holes in 77
7. 2 = number of driven elements on KLM beam
8. 2.1 = operating system of IBM
9. 3 = number of field day transmitters
10. 4 = sides of a quad
11. 5 = number of elements on long john
12. 10 = call areas in United States
13. 10 = megabytes on hard disk
14. 23 = centimeters at 1296
15. 42 = beam heading to Great Britain
16. 43 = Bird wattmeter
17. 46.8 = .5 wavelength at 30 meters
18. 50 = impedance of dummy load
19. 64 = computer for rtty
20. 73 = impedance of dipole
21. 73 = clean sweep
22. 80 = meters at 3.5
23. 90 = number of degrees in 1/4 wavelength
24. 96 = input of repeater
25. 240 = beam heading to New Zealand
26. 306 = countries for honor roll
27. 599 = signal report in contest
28. 610 = form from commission
29. 930 = Kenwood radio
30. 10000 = California kilowatt (or at least north Houston)

So there they are in all their glory. If you got all of them right George says he will buy your dinner at Tony's. But if you turn in an answer sheet and get more than one wrong, you have to buy him dinner at Tony's. Happy eating.

◀ → TDXS → ▶
 MOST WANTED COUNTRIES
 (5 OR MORE)
 FROM THE CURRENT NEED LIST

AS Bhutan. 8
 BY China. 7
 D2-3 Angola. 7
 FR6X Kerguelen. 6
 FR/G Glorioso. 7
 FR/T Tromelin. 6
 PY(T) Trinidad. 6
 S9(CRS) Sao Tome. 9
 TA Turkey. 5
 TZ Mali. 6
 VPB-LU/Z (S.Ga.) S. Georgia. 7
 VU7(A&N) Andaman & Nicobar. 18
 XV Viet Nam. 13
 XX(CR9) Macao. 6
 YA Afghanistan. 13
 ZA Albania. 20
 ZD9 Tr. de Cunha & Gough. 6
 1S Spratley. 8
 3C Equatorial Guinea. 6
 3Y Bouvet. 15
 5A Libya. 14
 5U Niger. 14
 6D-T5 Somali. 7
 UNASGD Abu Ail & Jabal al Tair. 6

A6X Arab Emirates. 9
 C9 Mozambique. 11
 ET Ethiopia. 9
 FO(Clip) Clipperton. 8
 FR/E Europa & J De N. 5
 KC6(W) Belau (W Carolines). 5
 S2 Bangladesh. 12
 SV(MA) Mt. Athos. 7
 TN Congo Rep. 7
 UG6-UK6G Armenia. 6
 VPB-LU/Z (S. Sand.) S. Sandwich. 7
 XU Kampuchea. 8
 XW Laos. 13
 XZ Burma. 18
 YI Iraq. 5
 ZC BR. CYPRUS. 14
 ZS2 Marion. 11
 3B6/7 Agalega & St Brandon. 5
 3C0 Annobon. 6
 4W Yemen. 16
 5R Malagasy. 5
 5V Togo. 6
 7Q Rep. of Yemen. 17

W5D0Z 3-1-85

Broom Hilda

