



founded 1970

THE BULLSHEET



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

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Officers and Contributors

President:	W5ASP	Joe Staples	Repeater Chairman:	K5TU	Kim Carr
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Treasurer:	KC5M	Frank Wyatt	Field Day Chairman:	W5SJS	Bob Burns
Contest Chairman:	KN5H	Steve Nace	Outgoing QSL's:	N5AF	Sam Neal
DX Chairman:	WA9VLI	Steve Smothers	Bullsheat Publisher:	NR5M	G. DeMontrond

Columns by: KN5H, WA9VLI, W5ASP, N5JJ, KE5FI

ANNOUNCEMENTS

MEETING NOTICE- The Texas DX Society meets the second Friday of each month except when changed by the Board of Directors. The next regular meeting will be on Friday, February 8th, at the Bellaire Hospital Professional Building, 6550 Maple Ridge at 7:30 p.m. NOTE: The February meeting is moved up one week to avoid conflict with the ARRL DX contest.

ANNUAL DUES- Annual dues are \$25.00 for full members, \$12.50 for associate members. You must pay by March 1, 1986 or you will be DROPPED from membership. Pay dues to NR5M.

NEW MEMBERSHIP APPLICATIONS- see information under "1986 TDXS Meeting Dates" column.

BULLSHEET MAILING LIST- It is the club's desire to provide the Bullsheat 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 the 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 news-worthy items from club members and other interested amateurs are hereby solicited by your editor.

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.

THE PRESIDENT'S CORNER
de Joe, W5ASP

I'm sure all of you who had the good fortune to attend the TDXS January meeting at Magic Island will agree that everyone who was involved in arranging the evening's events did a super job. Our special thanks go to N5DU for coming up with the idea, to NR5M for acting as our host, to K2TNO, K5YCP and K5LZ0 for the fine program, and to WA5NQJ (N5DC's better half) for handling the dinner menus. It's going to be a hard act to follow!

But now that we are finally rid of that pack of scalawags who passed themselves off as the Board last year, it's time to take a closer look at the sparkling days which lie ahead of us under the benevolent guidance of your new administration. In what follows, please keep in mind the TDXS motto: "Nothing is impossible ...for someone who does not have to do it himself."

Elsewhere in this issue, assuming the Editor has done as he promised, you will find the schedule of TDXS meetings for the coming year. Note that the February meeting is a week early, to avoid conflict with ARRL DX CW, and the July event a week late, to stay away from IARU RadioSport. (KE5FI wanted to move the December meeting in observance of the 10 Meter Contest, whatever that is!)

Featured at our meetings this year will be a very brief business session, and, each month, a program. We intend to handle the majority of the regular business at the monthly Board meeting. The routine reports of the various officers and the Chairmen will appear in the Bull Sheet and during the weekly Net. Club meeting time will be used to report the events of the previous Board meeting, to address new, significant and possibly controversial issues, and to update the membership on the latest news and events.

To make this scheme work, anyone with a subject they wish to bring up before the Club is asked to contact one of the Board members, give him the particulars and let us handle it within the Board wherever possible. A lot of time can be saved if we bring up at the Club meeting only those items that require the attention of the full membership.

We already have a pretty good list of program topics for the coming year, leading off with a presentation on Amateur Satellites by KA5DNP, Jack Douglas, AMSAT Area Coordinator, at the February meeting. Should anyone have a bright idea for a program or know someone who could give a really interesting talk, please pass the information on to N5JJ.

And to add the monthly bill of fare, we are reviving the time honored TDXS tradition of a drawing for a door prize at each meeting, to be handled by none other than that master showman, K5YCP.

Needless to say, we are anxious to have every TDXS member at each meeting ...and if you know someone who might enjoy the fun, bring 'em along. U'all come ...u'hear! (That's "Y'all", Joe - ed.)

de W5ASP

LOCAL KP5 CAUGHT IN THE ACT
(de K5YCP)

What Big Gun was heard on 75 meters last Saturday night TAKING THE LIST for AZ1A? (Hint: his QTH rhymes with "Hempstead").

WHO'S IN CHARGE HERE?
(de W5ASP)

A number of clubbies have been enrolled in our "pass the buck" responsibilities competition. Here's a look at the various committees:

Outgoing QSL'S	Sam, N5AF
Sesquicentennial	Tom, K5RC
Armadillo County Activities	Chuck, KE5FI
Membership Committee	Bob, AK5B
	Linda, KE5TF
	Jay, W5JQ
	Pete, KF4VS
Convention Coordinator	Phil, K5RVK
Monthly Door Prize	Ken, K5YCP
Curator of Libations	Brent, NT5D

BUY A CAR WITH VIDEO AND
A FIRE EXTINGUISHER, ETC.

Special thanks from TDXS to several local companies who donated the prizes for our annual banquet.

Texas Fire and Safety	Dennis, K25M
Country Video Plus	Holly, N5GTH
City Electronics	Alex, WA5UHT
Madison Electronics	Don, K5AAD
	Dave, N5JJ
DC Sales	Jim, N5DC
DeMontrond Buick	George, NR5M
West End Lumber	Bob, W5SJS
Martin Nameplate Co.	Charlotte, WA5EBF
	Ken, K5YCP

CONTEST CORRAL
de KN5H

February usually denotes the end of two seasons. In colder climates, winter's end is in sight. In contest climates, the ARRL DX contests mean that the "contest season" is nearing it's end. With the Spring season comes changing conditions and the knowledge that Summer is right around the corner. Many consider ARRL contests as the last big blowout before the summer doldrums. If you are one of those people, you may consider a semi-serious effort either as a single op or as part of a multi op.

With the help of Dave, K5GN, I've tried to come up with a rough guideline on what and where to look during the ARRL DX contest. You may interpret this in anyway you wish, especially considering propagation, station capabilities, operating habits and unique personal trade secrets. Good luck and good DX.

SOME RUMORS . . .

40 Meter SSB Championship:	KE5IV	1200/84
	NR5M	750/78
75 Meter SSB Championship:	NR5M	1120/100
160 Meter SSB Championship:	NR5M	850/71

COMING ATTRACTIONS . . .

FEB. 15-16	ARRL DX CW Contest
FEB. 22-23	CQ WW 160 Meter SSB Contest
FEB. 22-23	RSGB 7 Mhz CW Contest
FEB. 22-23	French SSB DX Contest
MAR. 1-2	ARRL DX SSB Contest
MAR. 1-2	Washington on the Brazos/Start of Armadillo co.
MAR. 8-9	Wisconsin QSO Party
MAR. 8-9	Bermuda Contest

DEADLINES . . .

73 Magazine SSB Championships (all weekends) must be postmarked by FEB. 20.

CQ 160 CW Contest logs must be postmarked by FEB. 28.

CW Spring logs to W6OAT by MAR. 3.

SSB Sprint logs to K7GM by MAR. 10.

FINALLY . . .

At the Board meeting held last Thursday the 16th, the group decided to investigate the possibility of the TDXS sponsoring the Texas QSO Party. As of now KN5R, N5JJ, and K5L20 are trying to set up some preliminary rules. For the contest to be a success, participation among all our members is important. Plan on the TQP happening in the early Fall.

73, KN5Hose

<u>TIME (Z)</u>	<u>160</u>	<u>80</u>	<u>40</u>	<u>20</u>	<u>15</u>	<u>10</u>
00-02	S&P/EU	S&P/EU	RUN EU	RUN JA's	RUN JA's	PAC. VK/ZL
02-04	S&P/EU	S&P/EU	RUN EU	JA's VK/ZL/PAC	PAC VK/ZL	
04-06	E. EU SR use that DX edge	same as 160	RUN EU	VK/ZL/PAC	?	
06-08	W. EU SR	now's big time for 80	RUN EU	PAC/AFRICA		
08-10	PAC	PAC	RUN JA's	?		
10-12	Carib. SR	JA (?)	RUN JA's	AFR/EU		
12-14	your SR find a JA VK/ZL etc.	RUN JA's PAC/VK/ZL	RUN JA's LP (?)	RUN EU LP (?)	RUN EU	S. Amer Carib. Africa EU on BS OR SKEW
14-16				RUN EU	RUN EU	EU if lucky
16-18				RUN EU	RUN EU	Carib. S.A.
18-20				RUN EU	S&P for mults	S.A. PAC
20-22				RUN EU AFR; VK LP	S&P for mults	S.A. PAC
22-24	Carib. S.A.	Carib. S.A.	S&P for mults	RUN JA's	RUN JA's	S.A. PAC JA if lucky

EU= Europe LP= Longpath PAC= Pacific
 S&P= Search & Pounce BS= Backscatter
 SR= Sunrise SA= S. America

DX REPORT (de WA9VLI)

Easter Carolines (Micronesia) and Western Carolines (BELAU). Dennis (KZ5M) and XYL Holly (N5GTH) are making final preparations for their forthcoming DX-pedition to the Caroline Islands. As of press time, their schedule will be:

PONAPE, EASTERN CAROLINES
FEBRUARY 9-15, 1986

BELAU, WESTERN CAROLINES
FEBRUARY 16-23, 1986

This will be primarily a CW operation, but Dennis and Holly may oblige any rubber-lippers still needing either of these with a phone contact. During the ARRL International DX contest, listen for "/EC" or "/WC" for location. They plan to use a TS-830, Butternut vertical and assorted wire antennas. Their calls will be KC6DM and KC6HM.

- MALDIVE ISLANDS - ISJHW Signing 8Q7CG should be active now on all bands. If you hear this one, put in on the repeater!
- TROMELIN ISLAND - FR7AI is still apparently scheduled for Tromelin Island during February and March, but no further news since December's announcement.
- TOGO and BENIN - Togo should be active now as 5V7AS through January 31, followed by an operation from BENIN as TY? The BENIN operation will run from February 5-12. QSL to IT9AZS.
- MACAO - VS6CT, Phil reports that he will be active from Macao again signing XX9CT starting February 6th. Look for Phil on 20, 40, and 80 meters.
- GAMBIA - Look for G4IUF/C53 January 23 - February 6th on 10-160 meters both CW and SSB. QSL to his home call.
- AMERICAN SAMOA - February 7-19 listen for DF6FK/KH8 and his XYL DF2ZAD/KH8.

- FALKLAND ISLANDS - VP8WTW still showing up on 14222 at 2330Z, and 14160 or 14243 around 0230Z.
- SOUTH SHETLAND IS.- CE9AM "Juan" was worked locally on 14210 at 2318Z. QSL to his manager "Carlos" CE3EEO.
- NEW CALEDONIA - FK8CP has been 59+ in Houston on 14217 at 0533Z.
- ARUBA (P4) - Apparently this one won't count as a new DXCC country until 1996 when Aruba gains independence from the Netherlands.

Propagation forecast by N4XX:

High normal January 30 - February 3.

THE TEXAS DX SOCIETY PRESENTS:
THE 1986 TEXAS SESQUICENTENNIAL CONTESTS

ELIGIBILITY: OPEN TO ALL AMATEURS, WORLDWIDE.

OBJECT: TO CONTACT AS MANY STATIONS IN AS MANY U.S. COUNTRIES AS POSSIBLE AND TO ACTIVATE ALL U.S. COUNTIES DURING THE "ARMADILLO RUN" TIME PERIODS.

DATES: PHONE: MAY 3-4, 1986
CW: JULY 26-27, 1986
(THERE ARE SEPARATE CONTEST FOR EACH MODE)

RULES: THE CONTEST RULES AND EXCHANGE WILL BE THE SAME AS FOR THE COUNTY HUNTERS' CONTESTS (EACH MODE OF THE C.H. CONTESTS HAVE DIFFERENT RULES; CHECK THE CONTEST CALENDARS IN CQ AND QST FOR THE 1986 RULES). THE SAME LOGS MAY BE SUBMITTED FOR BOTH CONTESTS. THERE ARE ADDITIONAL CATEGORIES OF ENTRY AND CERTAIN TIME PERIODS FOR THE "ARMADILLO RUN" PORTION OF THE SESQUICENTENNIAL CONTESTS. THESE SPECIFIC TIMES MUST BE HIGHLIGHTED IN THE LOGS AND CATEGORIES OF PARTICIPATION NOTED ON THE SUMMARY SHEETS.

THE ARMADILLO RUN: "THE ARMADILLO RUN" TIMES OF THE CONTEST ARE THE SPECIFIC PERIODS BETWEEN 1300 UTC AND 0100 UTC SATURDAY AND SUNDAY WHEN THE STATIONS DESIGNATED AS "ARMADILLO RUN" STATIONS WILL BE COVERING THEIR ASSIGNED COUNTIES THEY WILL ATTEMPT TO ACTIVATE ALL COUNTIES OVER THE TWO CONTEST WEEKENDS. OUTSIDE THE "ARMADILLO RUN" TIMES, THE ARMADILLO RUN STATIONS MAY CONTINUE OPERATION AND COMPETE IN OTHER CATEGORIES.

TIMES: CONTEST PERIOD IS 0000 UTC SATURDAY THROUGH 2359 UTC SUNDAY. MANDATORY REST PERIOD FROM 0800 UTC TO 1200 UTC.

CATEGORIES: ARMADILLO RUN STATION: HAS REGISTERED WITH A REGIONAL COORDINATOR AND HAS VOLUNTEERED TO COVER SPECIFIC COUNTIES ON ONE OR BOTH WEEKENDS EITHER IN A PRIMARY FUNCTION OR IN A BACKUP FUNCTION (IN THE EVENT OF MISHAP OR BREAKDOWN OF A PRIMARY STATION). CLASSES ARE FIXED OR MOBILE, SINGLE OP OR MULTIOP. AWARDS WILL BE GIVEN IN EACH CATEGORY. MAY OPERATE AS AN ARMADILLO RUN STATION ONLY BETWEEN 1300 UTC AND 0100 UTC EACH DAY. MOBILES MUST BE IN EACH COUNTY A MINIMUM OF 30 MINUTES. FIXED STATIONS MUST BE ON THE AIR A MINIMUM OF 16 HOURS OUT OF 24. ARMADILLO RUN STATIONS WILL ACTIVATE THEIR ASSIGNED COUNTIES ON 20 AND 40 METERS.

PARTICIPATING STATION: ANY STATION PARTICIPATING IN THE TEXAS SESQUICENTENNIAL CONTEST. CATEGORIES ARE THE SAME AS FOR THE COUNTY HUNTERS' CONTESTS.

PARTICIPATING RADIO CLUB: ANY RADIO CLUB GROUP THAT PARTICIPATES IN THE ARMADILLO RUN AS A CLUB PROJECT.

AWARDS: SEPARATE AWARDS WILL BE MADE FOR THE CW AND PHONE CONTESTS. HIGHEST SCORING FIXED STATION IN EACH CATEGORY IN EACH STATE WILL RECEIVE A CERTIFICATE AND AN ARMADILLO RUN PATCH. THE TOP TEN MOBILE STATIONS IN EACH CATEGORY WILL RECEIVE CERTIFICATES AND AN ARMADILLO RUN PATCH. EACH PARTICIPANT WILL RECEIVE A PARTICIPATION CERTIFICATE DEPUTIZING HIM (OR HER) AS A DEPUTY SHERIFF OF ARMADILLO COUNTY TEXAS. THE HIGHEST SCORING SINGLE OPERATOR FIXED STATION AND THE HIGHEST SCORING SINGLE OPERATOR MOBILE STATION FOR EACH MODE WILL RECEIVE A WHITE "ARMADILLO RUN" WINDBREAKER. THE HIGHEST SCORING SINGLE OPERATOR COMBINED-MODE WINNER FIXED AND MOBILE WILL WIN A WHITE SATIN "ARMADILLO RUN" JACKET.

ARMADILLO RUN STATIONS THAT COVER ALL OF THEIR ASSIGNED COUNTIES WILL RECEIVE SPECIAL CERTIFICATES AND AN ARMADILLO RUN PATCH. SPECIAL AWARDS WILL BE MADE FOR EXTRAORDINARY EFFORTS OF ARMADILLO RUN STATIONS.

PARTICIPATING RADIO CLUBS WILL RECEIVE A CLUB PARTICIPATION CERTIFICATE. TDXS WILL MAKE SOUVENIERS AVAILABLE TO PARTICIPATING CLUBS TO ENCOURAGE INTERNAL CLUB COMPETITION.

SCORING: SCORING WILL BE THE SAME AS THE COUNTY HUNTERS' CONTESTS WITH THE FOLLOWING EXCEPTIONS:

AUSTRALIAN COUNTIES COUNT AS MULTIPLIERS.
ARMADILLO COUNTY, TEXAS COUNTS 5-TIMES QSO POINTS.
ARMADILLO COUNTY, SOUTH AUSTRALIA COUNTS 10-TIMES QSO POINTS.
ANY VK5 STATION COUNTS 5-TIMES QSO POINTS.

DEADLINES: ARMADILLO RUN STATIONS MUST BE REGISTERED WITH THE REGIONAL COORDINATORS OR WITH TDXS BY APRIL 25 FOR PHONE AND BY JULY 18 FOR CW. LOGS MUST BE RECEIVED WITHIN ONE MONTH AFTER THE CONTEST DATE. A LETTER FROM AN OFFICIAL OF PARTICIPATING CLUBS STATING THEIR INTENT TO PARTICIPATE WITH A LIST OF ELIGIBLE MEMBERS MUST ALSO BE RECEIVED BY LOG DEADLINE DATES.

RESULTS: RESULTS WILL BE DISTRIBUTED TO THE MAJOR PERIODICALS AND PARTICIPATING CLUBS. PARTICIPANTS WHO DESIRE A COPY OF THE RESULTS MUST SEND A 9" x 12" SASE. ADDRESS ALL LOGS AND CORRESPONDENCE TO:

THE TEXAS DX SOCIETY
350 MAGNOLIA BEND
NEW CANEY, TEXAS 77357

1986 TDXS MEETING DATES

The month meetings of the Texas DX Society for 1986 are scheduled for the following dates:

Jan. 11	May 9	Sep. 12
Feb. 7	Jun. 13	Oct. 10
Mar. 14	Jul. 18	Nov. 14
Apr. 11	Aug. 8	Dec. 12

Note that the February and July meetings are NOT on the second Friday of the month, but have been moved to accommodate ARRL DX CW in February and IARU RadioSport in July. These dates have been approved by the Director of the Bellaire Professional Building.

The TDXS Constitution states that ballots for prospective members are to be mailed during the months of March, June, September and December. This means the "Proposer" of a prospective member must appear before the Board at the Board Meeting prior to the February, May, August or November regular club meeting. For this reason the Board meetings in these months will be "closed" and held before the date of the regular club meeting. These quarterly Meetings are scheduled as follows:

Jan. 16	Apr. 24	Jul. 24	Oct. 30
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The time and place will be designated later.

The remaining Board Meetings will be held at 6:45 P.M. on day of the scheduled club meeting in the regular meeting room.

THE OTHER GUY'S SHACK
(de K2TNO)

A new feature in the 'Sheet this year courtesy of your editor's sharp eye and eager plagiarizing pen, will be excerpts from other rags, newsletters, etc.. (Due credit/blame will be given unless I can get away with the pilferage-ed.)

ARRL Newsletter (Jan. 2, 1986) - New contest certificate designs are coming - 8½ x 11 size.

Yankee Clipper Contest Club Scuttlebutt (Nov. 85). - Here's a contest quiz, de K1AR:

1. What countries and how many points in CQWW are represented by these stations?

P44B, J87DX, OX3UD, OY2R, 8J5SUN, 4K1D, 4U1UN, XN7WJ, FD1JCH, EC9DI, 6E5EBE, HC8X

2. In what CQ zone is each station below located?

9V1TL, KC4AAA, AH8A, KH8AC, OX5ZM, N2IC, TR8DR, A4XGZ, UZ9WZZ, FR5ZD, J28EB, AP2ZA, 4N2D, ZP5LOB.

3. Which of these are valid callsigns?

UP1BOO, HA9BVK, GOEZZ, PA3BM, KALMI, FKOAT, FM7WD, F5KAR, TK6UC, UK9AYA, ZY5EG.

Answers in the March 'Sheet.

UPCOMING HAMFEST/CONVENTIONS

ACADIANA HAMFEST, Lafayette, LA. March 8-9, 1986. At the Holiday Inn Central, Hwy. 167 just south of I-10.

INTERNATIONAL DX CONVENTION, Visalia, Calif. April 18-20, 1986. Reservations to 209-651-5000; \$38.00 in advance.

TEXAS STATE CONVENTION, San Antonio July 11-13, 1986 (see article).

ARRL NATIONAL, San Diego Sept. 5-7, 1986.

HOUSTON HAM CONVENTION, Houston Oct. 3-5, 1986 (Does anyone know fer sher if this will take place? - ed.)

SAN ANTONIO ARRL CONVENTION - July 86

We've received the first announcement of the 1986 Texas State ARRL Convention to be held July 11-13, 1986 in San Antonio. Registration is through KD5CO, 13334 El Mirader, San Antonio 78233. Looks like they're asking for topics - anybody who would like to propose a talk should contact WB5NOL, 8932 Saddle Trail, San Antonio 78255; telephone 512-698-1714. It'll be held in downtown, presumably on the river/convention center.

P.S. - I wonder why anybody would put a convention on Radiosport Weekend? - ed.

SQUELCH TALES (de N5JJ)

In and about the club, it is rumored that...WA9VLI is really known as Lars, the Augustana Viking Queen...KE5IV is back from a trip home to Nebraska after putting out lots of rare counties...quote a few club members turned out for the 10 meter contest. Heard on were K5YCP, KG5U, K5RVK, NR5M, KC5M, K5LZO, N5DU, KE5IV, W5LLU, KE5FI, KF4VS, KN5H, K25M, N5EA, KC5CP, W5ASP, K5AAD, K2TNO, AASY, N5DC AND K5WA....

...If you're reading this then you didn't go to the New Year's Eve party at the "Wounded Armadillo." Survivor list to be published next month...Did you catch the picture of Governor Taormina, K5RC, in the January 73 magazine?*.N5DC and WA5NQJ have a new TS940 for K5GN to borrow...The W5SJS lumber yard is still growing. Next on the list is a KLM 4 ELEMENT 40 to go to 140 feet...K5LZO is still finding zapped equipment from the November lightning strike. New to the list are a pair of alphas, DR.DX, and a 6 meter module in the FT726R....Did you miss the

TDXS version of the midnight special? First hour included a smash-and-grab leather garment sale at KE5FI's shop followed by a quick QSY to the QTH of K2TNO for the first annual "Rhinestone Roundup."....Just one more note. Jan, XYL of K5BZU, is home after a stay in the hospital.

Well that's the TDXS dirt and slander for now. I hope you had a nice Christmas and a Happy New Year.

*You think that's bad - I go called "KZ5M"1 - ed.

73, Dave N5JJ

FCC LICENSE EXAMS (de N5AF)

A volunteer Examining Team from the Same Houston Amateur Radio Klub will be giving examinations for all classes of Amateur Radio licenses, Novice thru Amateur Extra, on each of the following dates, starting at 10 A.M.

Saturday	February 22, 1986
Saturday	March 22, 1986
Saturday	April 19, 1986
Saturday	June 21, 1986
Saturday	August 23, 1986
Saturday	October 18, 1986
Saturday	December 20, 1986

The examinations will be given at the Tarkington Prairie Volunteer Fire Station, located on Texas 321 near Texas 105 (see map).

For details, contact Same Neal, N5AF 713-592-2257.

LOST AND FOUND

Who has the slide trays for the XE2FU DXpedition? Please get them to Joe, W5ASP as they're needed for an upcoming talk.