



founded 1970

# THE BULLSHEET

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



June 1986  
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President:	W5ASP	Joe Staples	Repeater Chairman:	K5TU	Kim Carr
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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, K2TNO, W5SJS, W5ASP, K5GN

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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 next regular meeting will be on Friday, June 13, at the Bellaire Hospital Professional Building, 6550 Maple Ridge at 7:30 p.m. There will be door prizes at the meeting. The June meeting's program will feature W5UN, who will show us how a simple, compact little VHF array can be used to work Moonbounce.

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 newsworthy 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.

UPDATED CLUB ROSTER AND TELEPHONE LIST- Elsewhere in this issue are the May 1986 versions of the TDXS roster. Please check your own listing, and inform Kim, K5TU, of any errors.

THE PRESIDENT'S CORNER  
(de Joe Staples, W5ASP)

The month of June will be a "really big one" for the TDXS this year.

First of all, you should have already received your ballot presenting the names of the three prospective new members that your Board of Directors have recommended to you. Please remember that the Board has carefully considered their qualifications, and is in full support of each individual. Be sure to vote and return the ballot to KE5IV quickly. We need these folks signed up as soon as possible...there's work to be done!

Our program for the big "Friday the 13th" TDXS Monthly Meeting looks like a real winner. Dave Blaschke, W5UN, will reveal to us some of the mysteries of EME. This mode provides DX and contesting opportunities on a grand scale with BIG antennas, as you may have noted from several recent photos in QST. Dave is a noted TDXS graduate and still speaks the lingo...so don't miss it!

Then to wind up the month, you'll have a full weekend of mirth and merriment at the Annual TDXS Field Day Extravaganza! FD Chairman, W5SJS, has already got the crew busily at work scrounging gear and making diabolical plans to snatch Class 3A away from the heathens. All you need to do is to be there! Keep in mind that TDXS was originated as a field day group...it is "the" thing we do best and it requires everyone of us to get it done right. We're going to try to have a few special attractions this year...so put it on your schedule and join the fun!

I'm sure that by now everyone knows that the TDXS Armadillo Run, phone style, was a great success. All of those involved have done a super job...it seems almost certain that we can finish it up over the CW weekend. By the way, anyone with a urge to travel to the Dakotas can be a real hero...plus the fact that it's all downhill on the way back!

A final reminder...the Board Meeting will begin at 6:30 the evening of the club meeting and anyone with TDXS business is invited to join us.

THE OTHER FELLOW'S SHACK  
(de K2TNO)

Here are some tidbits purloined from other rags:

KOVKH Technical Data Library: Correcting TS940 receiver malfunction - "If the receiver portion of the Kenwood TS-940 malfunctions so that some or all of the bands are not properly received, the Kenwood Service Center recommends that connector number seven on the RF Board be removed and reinstalled. This action cleans the contacts a bit, and provides better electrical contacts for the diode switches on this board.

SAN ANTONIO RADIO CLUB BULLETIN, May 1986:

Special event station W5SC will operate July 12-13 during the Texas ARRL and VHF/FM Society convention in San Antonio. Look for them on 10-15-20 meters, CW and SSB.

FRANKFORD RADIO CLUB, May 1986:

Attached is a questionnaire distributed at Dayton regarding contest rules. If you're a contester, fill it out and give it to Dennis, KZ5M, who is the ARRL Contest Advisory Committee member for our area. (Editor's note: You may remember KZ5M, who used to be on the air here).

QSK aficionados who own Alpha amps take note: FRC is buying the super high-quality Jennings RJ1A vacuum relay in quantity at \$75.00 each. This relay is the heart of the Alpha 78 QSK system, and can be installed in an Alpha 76 PA/CA. Complete details of this mod will come out from FRC later. To order a relay, contact FRC treasurer Nick Pino, 618 Maple Ave., Lansdale, PA 19446. Maybe they will be able to include non-FRC members in the deal.

TO ARRL CONTEST ADVISORY COMMITTEE

FROM \_\_\_\_\_

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#### CLUB COMPETITION

Should the 3-tier system be abandoned and club size simply shown parenthetically to facilitate comparison with peer clubs?

Should the 50% meeting attendance requirements for distant club members (more than 50 miles) be changed to 2 meetings per year?

Should the meeting requirements be extended to all club members regardless of distance from the club center (0-175 mi.)?

Should DXpeditions by club members be included for club aggregate score?

Should operations outside club area (more than 175 miles) by members living within club area be included for club aggregate score?

Should foreign clubs be allowed in club competition now restricted to ARRL affiliated clubs? (DX Contest)

Comment \_\_\_\_\_

#### OPERATING FREQUENCIES

Should off-limits frequencies be mandated in contest rules so as to leave free portions of each band on contest weekends?

Should the 160-meter "dx window" (1825-1830) be enforced by means of disqualification or negation of window contacts?

Comment \_\_\_\_\_

#### DX CONTEST

Should a world-works-world format (like CQWW) be tried again to bolster dx station activity?

Should the cw weekend be moved one week earlier to better separate the two modes?

Should VY1 be a separate multiplier from VE8 (as in the 10-meter Contest where states / provinces are also multipliers)?

Comment \_\_\_\_\_

SECTION SWEEPSTAKES

Should VY1 be a separate multiplier from VE8 even though it is not a separate ARRL section (sections are the multipliers)?

Should a QRP category be established as exists for many other contests?

Comment \_\_\_\_\_

VHF / UHF CONTESTS

Should advance publicity by participants (e.g., mailings with suggested times and frequencies) be permitted for non-hf contests?

Should a portable-QRP category be created (all gear, power sources and antennas capable of being carried by one person) in order to encourage operation from rare, foot-access grid squares?

Should VHF SS revert to counting multipliers once regardless of band (as it was prior to the 1985 contest)?

Should VHF SS entrants be spotted 25 grids (as pre-'85 rule)?

Should grid squares be retained as the multiplier in all existing vhf/uhf contests?

Should there be one or more vhf/uhf contests which score based on QSO distance (i.e., the European system) rather than on geographic or political subdivisions (intended to be more regionally neutral)?

Comment \_\_\_\_\_

OTHER CONTESTS

Should the ARRL QSO Party be revived (and would you participate)?

Should the 10-meter Contest have separate multipliers on phone and cw in order to encourage more cw activity?

Field Day - see attached correspondence.

Comment \_\_\_\_\_

MISCELLANEOUS MATTERS

Should single-operator stations be allowed to use spotting nets (vhf or otherwise) without changing their entry category?

Should a "Seniors" category (for operators over fifty years old) be created for various contests?

Should serial numbers replace R-S-T where now used in contest exchanges to make contacts more a real test of copy?

Should 48-hour contests have shorter time limits for single operator entrants (say, 30 hours)?

Should one station be allowed to submit more than one single-band entry in contests which have single-band categories?

Comment \_\_\_\_\_

OTHER INPUT FOR THE CAC: \_\_\_\_\_

DX REPORT  
(de WA9VLI)

CHAGOS-----VQ9ZZ HAS HEARD LOCALLY ON 5/29 AT 0300-0330 UTC  
ON 14213, CALLING CQ STATESIDE. GOOD LUCK GETTING  
OVER THE EAST COAST!

MALDIVE ISLANDS-----8Q7AV APPEARED ON 5/28 AT 0200 UTC ON 14201. QSL  
TO THE CALLBOOK ADDRESS. HIS SON IS "ROZ" 4S7NMR,  
WHO MIGHT ALSO SHOW UP.

DODECANESE ISLANDS-----SVODH/5 HAS BEEN ACTIVE AGAIN AROUND 0440 UTC ON  
14181. QSL TO THE HOME CALL.

RARE SOVIET OBLAST-----UJ8JB/U8K IS AN EXPEDITION TO PAMIR MOUNTAIN IN  
OBLAST 182. THE OPERATION IS EMCEED BY UZ9WWS/8.  
LOOK FOR THEM ON 14190 BETWEEN 0330-0500 UTC.

EQUATORIAL GUINEA-----3C1MB HAS BEEN VERY ACTIVE ON 20 METER PHONE AND  
RTTY. FOR SSB CHECK 14236 ABOUT 2300 UTC.

BAHRAIN-----A92EM SHOWS UP OCCASIONALLY ON 14183 FROM 2100-  
2200 UTC.

MONACO-----3A6E CHECKS INTO THE EXTRATERRESTRIAL NET WEEKENDS  
ON 14160 AT 2200 UTC. IF ANYONE GETS A CARD FROM  
"E.T." LET ME KNOW!

UGANDA-----5X5GK MAY SOON BE ACTIVE ON RTTY. REPORTS SAY  
JALACM HAS SHIPPED GERRY A COMPLETE RTTY STATION.

AZERBAIJAN S.S.R-----LOTS OF RUSSIAN GOODIES SHOWING UP ON 20 METERS  
AROUND 0200-0500 UTC NIGHTLY, INCLUDING RD6DZ ON  
14204, and UD6BR ON 14187.

LET ME KNOW WHAT YOU'VE WORKED OR HEARD ON ANY BAND, ANY MODE BEFORE THE END OF EACH  
MONTH FOR LISTING IN THE FOLLOWING MONTH'S BULLSHEET.

CONTEST CORRAL  
(de KN5H)

Somewhere in your past you have probably heard the phrase "FIELD DAY IS NOT A  
CONTEST." If you heard that in TDXS circles, consider it as one of those freak  
occurrences like a CW QSO with KE5FI.

When the TDXS operates FD, it becomes a contest. Sometimes it's an attempt to  
obtain that high rate operating slot. It could be a contest to see who will survive  
an evening in that RV without an exhaust system (remember that one fellas?) or to see  
who could be runner up to KZ5M in the consumption of 807's. Regardless of how you  
look at it, TDXS FD is a contest. No other club can claim the title of 3A champs  
like we can. I bet you already know how it's done. That's right, through teamwork  
and group participation. Be prepared to volunteer your services at the club meeting  
next Friday if you haven't already done so and remember FD is June 28 and 29. CU  
then.

SOME RESULTS . . .

1985 CQ WW WPX CW CONTEST

NR5M (N5JJ)	2.3M	NR 8 USA SINGLE OP A/B NR 13 WORLDWIDE
W5WMU	1.0M	NR 5 USA SINGLE BAND 20M
NA5R (K5GN, KG5U, KN5H)	3.9M	NR 1 USA MULTI/SINGLE NR 6 WORLDWIDE
NMSM + (K5LZO, NZ5I, N5IVF, KE5IV, NT5D, AK5B, WB5RUS, NR5M, NM5L, K2TNO)		
	4.3M	NR 1 USA MULTI/MULTI NR 6 WORLDWIDE

1985 CQ M CONTEST

K5LZO	186K	NR 4 USA SINGLE OP ALL BAND
K5NA	39K	NR 1 USA SINGLE BAND 7 MHZ

SOME RUMORS . . .

1986 CQ WPX CW CONTEST

NMSM	2100/668	MULTI/MULTI
NZ5I	1000/400	MULTI/SINGLE

COMING ATTRACTIONS . . .

JUNE 14-15	VHF QSO PARTY
JUNE 21-22	9 LAND CW CONTEST
JUNE 21-22	ALL ASIAN SSB CONTEST (ARRL's date)
JUNE 28-29	FIELD DAY
JULY 1	CANADA DAY
JULY 5-6	VENEZUELAN SSB CONTEST
JULY 12-13	RADIOSPORT CONTEST

DEADLINES . . .

CQ M Logs due July 1  
CQ WW WPX CW logs postmarked by July 10

FINALLY . . .

Sometimes a person wonders if he is really being heard, like a CQ on 10 meters at 0300Z during the Delaware QSO party. Your contest chairman is beginning to feel that way. Therefore, I am going to run a small contest to see which of you really read this (or any) part of the Bullsheet.

Somewhere within this monthly report is a contest date discrepancy. All you have to do is find yours truly during the next club meeting and tell me what it is. Your prize is so overwhelming in nature that its identity must remain a secret until the club meeting. (I found the discrepancy, resolved it, and excised it from the text. Therefore, don't waste your time looking for something that is no longer there. ...pub.) (Let's see if Hose notices this!)

SQUELCH TALES  
(de K2TNO)

First, an ERRATUM from the May 'Sheet:

Due to a typo, the article about landline Morse was ascribed to K2TNO. The author was Tom, AA5Y.---Fantastic reports are piling in about the SSB Armadillo Run at the beginning of May. Tom, K5RC, and Galen, KB5FU, have already counted over 2,200 counties that were on! It looks like the July CW contest (July 25-26-27 weekend) will be a real barn-burner. Make your excuses with the boss now to be off that weekend.---Speaking of K5RC, Tom is being transferred by his company to a new QTH in Dallas. Tom promises he'll be back frequently to see the relatives and attend TDXS meetings. Good luck to you Tom---Other alumni news has George, K5KG, now licensed as LU6KG in Buenos Aires. He'll be QRV for the fall contest season.---K5LZ0 has a new operating room about 90% done. There's a lot more space for each station, and should be a big help especially in SSB contests.---By the time you read this, the NBA season will be over. You can help Frank, W5JWM, through this difficult transition period by avoiding any mention of basketball on the repeater.---N5RP visited the W1AW QTH, and astonished the operators by requesting them to tune up on 20 CW. Guess they get mostly rubberlips up there.

FOR SALE: AEA CK-2 contest keyer, new condition w/ manual - Tom, N5ZR  
859-3930 (home); 293-2246 (work).

FIELD DAY 1986  
de Bob Burns, W5SJS)

T.D.X.S. FIELD DAY, JUNE 27 thru 29th - Field Day 1986 will be an "all out" effort to win the category 3-A, using the K5DX call sign. Four station captains have been named and plans are already under way to have multiple towers and beams at each station. Generators, gas, oil, beam & tower erection, bonus activities and R.V.'s will be a joint club effort. (Personal shelter, food and equipment will be the responsibility of each club member attending).

The Field Day site will be the Demny Ranch, located just off F.M. 1374 in Walker County, just north of New Caney, Texas.....(Map enclosed).

Set-up will begin at 1:00 p.m. on Friday, June 27th. All club members are strongly urged to help with the set-up on stations and antennas. The Field Day chairman will maintain the sign-in sheet to record the names of members involved in the set-up and the time they arrived. Sign-in deadline is 11:00 a.m. on Saturday, June 28th.

The drawing for operating slots will be at 12:00 noon on Saturday.

All members will be expected to help in the breaking down of equipment, towers and clean-up of the ranch site.

The following is a breakdown of bonus activities and the members in charge of each:

Solar Powered Operation	-	Mike, KC5CP
ARRL Messages	-	Larry, W9AGH
Publicity	-	Wes, N5WW
Packet Radio	-	Kenny, KZ5I
Oscar/Satellite	-	Steve, KN5H

We will monitor the New Waverly Repeater, 147.78/.18 for talk-in.

The stations will be set up as follows:

Station No. 1: Captain - George DeMontrond, NR5M   MODE: Sideband only  
Station No. 2: Captain - Dave McCarty, K5GN        MODE: CW Only, 20M & 80M  
                  Co-Captain - Kenny, NZ5I  
Station No. 3: Captain - Bill Schrader, K2TNO      MODE: SSB & CW and 6 Meters  
                  Co-Captain - Steve Nace, KN5H     40M & 15M  
Station No. 4: Captain - Eric Silverthorn, NM5M   MODE: Novice Station

In addition to the station captains, we will have certain members handling various areas, such as:

Antennas and Towers:                   Kenny, KE5IV  
VHF Co-ordination:                    Chuck, K5LZO  
Operating Schedules,  
Equipment Maintenance & Support     Steve, WA9VLI

The club is going all out to win category 3-A. With all of the various bands, modes and special categories being utilized this year by T.D.X.S., there will be a lot of operating time for everyone.....!!!!

Also, several members have indicated a desire to hold a cookout at this year's Field Day. This would probably include breakfast Saturday, evening meal Saturday, and breakfast Sunday. Details will follow.

So, plan now to come out and enjoy a week-end on beautiful South Texas Hilltop, play radio, and eat BAR-B-Q. The club needs your participation!!

FIRE UP FOR 3A  
(de K5GN)

Finally it's June. W5SJS has put a team together for the task of winning 3A again for TDXS. The loose ends are being wrapped up: Antennas located, RV's obtained, logs printed, generators cleaned. The Demneys are ready for us-are you ready for FD 86? This looks to be one of the best sporadic E seasons ever, so 15 and 10 (even 6) should be productive.

One question will remain - will the troops be at the site by Friday, June 26? Will we pull together another successful effort, start-to-finish? Last year several returning clubbers remarked it was the "smoothest FD ever." Will we say it again this year? Yes! With your help we'll prevail again against weather, fire ants and old Mr. Murphy.

Only if every TDXS member turns out to help the team. We're going all-out this year and we have a big record to beat. The all-time record in 3A is 3,756 QSO's for 17,194 points set in 1984. Whose record are we after? OUR OWN! The old record was by K5DX - so let's get out a super effort and rack up another team win.

See you there!                   73, Dave K5GN

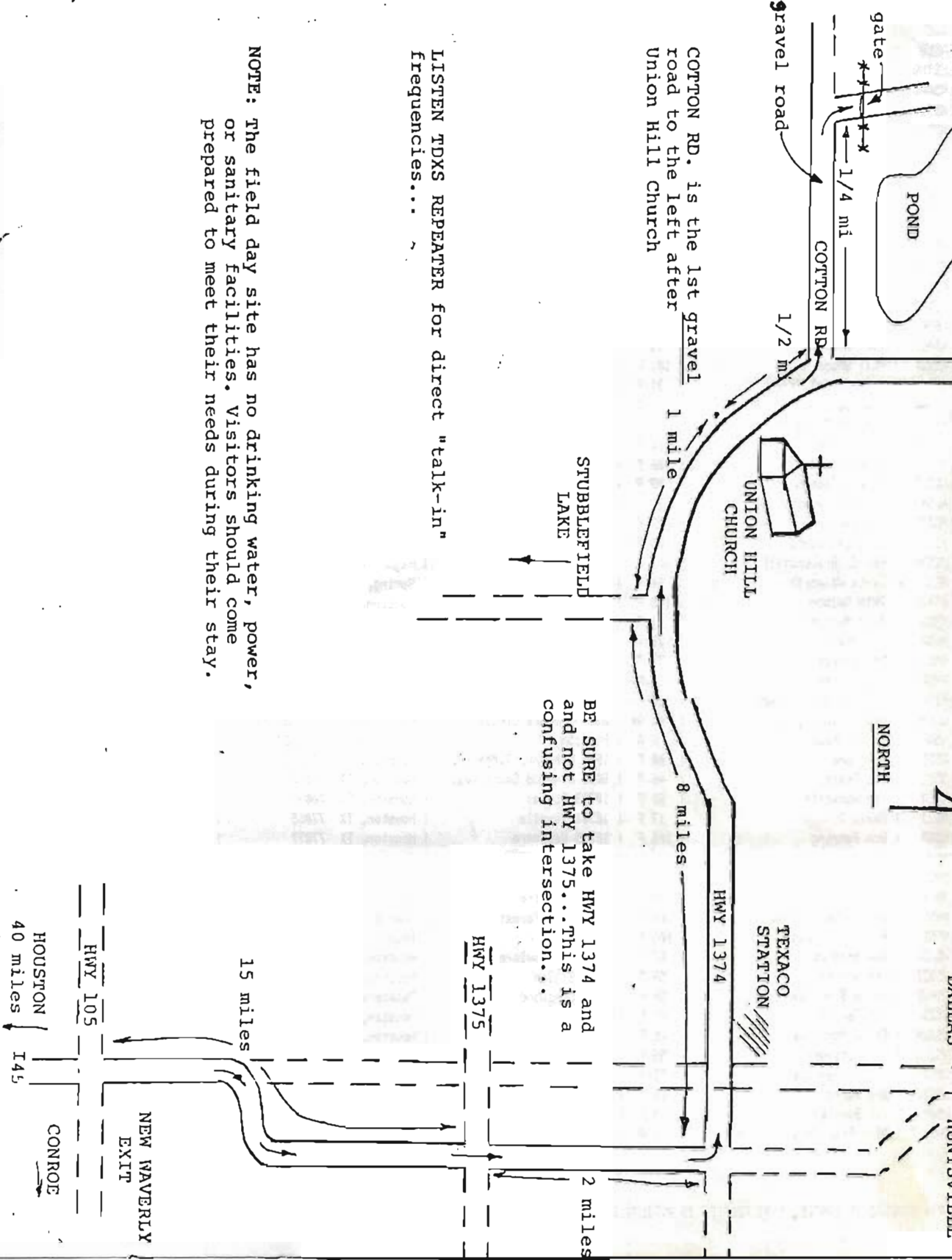
ARMADILLO PRESS

No issue this month, due to the size of the present sheet.



LISTEN TDXS REPEATER for direct "talk-in" frequencies...

NOTE: The field day site has no drinking water, power, or sanitary facilities. Visitors should come prepared to meet their needs during their stay.



BE SURE to take HWY 1374 and not HWY 1375... This is a confusing intersection...

NORTH

HWY 105

HWY 1375

HWY 1374

NEW WAVERLY EXIT

CONROE

HOUSTON

I45

15 miles

8 miles

1 mile

1/2 mi

1/4 mi

POND

gravel road

gate

COTTON RD.

UNION HILL CHURCH

STUBBLEFIELD LAKE

COTTON RD. is the 1st gravel road to the left after Union Hill Church