



THE BULLSHEET

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

September
2004

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

TDXS September Meeting Announcement

The September 9 TDXS meeting will feature Lance Rumfield, WD5KCX, presenting "Power line Operating Parameters, Amateur Antennas & Electrical Safety".

Lance Rumfield, WD5KCX, has been licensed since 1978. His amateur interests include HF, both fixed and mobile, and APRS. WD5KCX is also the trustee of the 449/444.250 repeater, since 1979, and enjoys converting commercial gear to amateur use. He is proud of the fact that his XYL and both sons are also licensed. Lance is Supervisor, Diagnostics & Analysis in the Substation Performance division of CenterPoint Energy. In his 32 years with predecessor companies he has extensive experience with high voltage transmission and distribution, and holds several patents.

- 1) Introduction
- 2) Explain migration of HL&P/Reliant/CenterPoint Energy - or - (What happened to HL&P)
- 3) How electric power gets from generator to residential service (How it all works)
 - a) Examples of different configurations and voltages (Towers, poles and volts)
 - b) Transmission networks and power line carriers (don't trip here)
 - c) Distribution radial networks (please trip here)
 - d) HV breakers, power transformers and available fault currents (Big AMPS!!!)
- 4) Explanation of how distribution feeder circuits are relayed (T-C-T, C-T, C-T - all out!!)
- 5) Examples of what can happen (Ooops)
 - a) faulted 138kv line (BIG Fire)
 - b) faulted transformers (Big Mess)
 - c) Distribution feeder breaker failure (Not in Houston!!)
- 6) Easements & Fees & 10 foot rule (The LAW!!)
 - a) ground easements (measurements)
 - b) aerial easements (more measures)
- 7) Examples of violations (can people be this dumb)
- 8) Electrical Contact vs Step Potential (the other hazard)
- 9) Multi-Point grounding & lightning protection (Louie the lightning bug)
- 10) Guy wires, thimbles and old towers (My pet peeve)
- 11) Common Sources for TVI (Buzzzzz)
 - a) Slack span dead end bells
 - b) Bonding of pole hardware
 - c) Salt contamination & corona discharge
 - d) Customer Issues
 - 1) Door Bell transformers
 - 2) Metallic siding
- 12) Questions (Stump the presenter)

Come see this interesting presentation. Thursday Sep. 9th. 7:00-9:00 PM, Tracey Gee Center

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How to reach US

On the World Wide Web <http://www.tdxs.net> email address: k5dx@tdxs.net
On 2 Meters: 147.96/36 MHz (100 Hz) On 70cm: 447.00/442.00 MHz (103.5 Hz)
On Packet: Connect to **K5DX** direct or via **TDXS71** on 145.71MHz.
TDXS Reflector: To subscribe to the TDXS reflector, go to
<http://moonbounce.n5iq.org/mailman/listinfo/tdxs-list>

Where are they now? de Steve W9DX



Randy Thompson, K5ZD., at the WRTC 2002. Randy now lives in Uxbridge, MA. Be sure to visit Randy's home page. There is a link on the TDXS website links page.

Dinner before the meeting

TDXS members will meet for eats before the meeting, please join us!

Date: Thursday, September 9

Time: 6:00 - 7:00 pm

Location: Outback Steakhouse

Address: 10001 Westheimer, at Briar Park In the Carillion Center.

Guests and visitors welcome.

For more info please contact Don Daze, N5DD, email n5dd@arrl.net.

Please visit www.tdxs.org

DX Report by Ken – AB5A

Hello TDXS'ers. Sorry I missed the July issue. It has been a very busy summer with my family. This issue is actually going out about a week early and at meeting time my family and I will be on a ship headed to KL7. The DX this summer has been pretty good. September is also the month of the Autumnal equinox. This brings to mind the Trans equatorial openings on 6M.

IOTA OC-237 Peucang Island This IOTA was active in late July using the callsign, YE1P. The QSL via YB1TC.

IOTA SA-045 Maraca Island This IOTA was also active in late July hailing as ZX8M. QSL via PT7BI.

IOTA EU-101 Peucang Island This IOTA was active in late July. Jukka, OH3GZ was the operator. QSL via HC.

YV0, Aves Island This artificially rare entity was the big show in July. Although not as big as was planned. This operation put on by RCV, The Radio Club Venezolano. A couple of guest operators from Finland and USA were taken along. This group was at the will of their transpiration, the Venezuelan Navy. They arrived several days later than planned and just hours after getting setup, a tropical storm threatened Aves Island. The operators pulled out all the stops to get the logs filled. They made several satellite QSO's. They were on RTTY. An interesting statistic is there were 30% more contacts made on 6M than on 10M. The 6M openings were more N-S and not E-W. We in Texas did not get a chance on 6. These are huge logistical operations when undertaken. My hats off to RCV and the other ops for doing their best under the worst conditions. QSL via KB6NAN

A Hundred others, DX These are the one that I failed to mention for lack of omniscience. You can help me with these. I most likely to mention stuff I'm chasing so keep me posted of what you're chasing and I'll be certain to share it. DX is out there!!! Go get it, wrangle it and tell me about it.

73, Ken Eckel, AB5A