



founded 1970

# THE BULLSHEET



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

January 1994  
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The Texas DX Society, P. O. Box 540291, Houston, TX 77254-0291

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Vice President	Ken Manchester, NZ5I
Secretary	Dave Sarkozi, WB5N
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Contest Chairman	
DX Chairman	
Field Day Chairman	Bob Burns, W5SJS
Legal Chairman	Chuck Dietz, KE5FI
Repeater Chairman	Brent Levit, NT5D

## Announcements

**Meeting Notice** - The Texas DX Society meets on the second Friday of each month, except when the date is changed by the Board of Directors. The January meeting will be held during the **TDXS Annual Banquet at the Wyndham Warwick**, 5701 Main Street at the intersection of Main and Montrose across from the Museum of Fine Arts on **Saturday, January 22, 1994 starting at 6:30 P.M.** For further information see the announcement elsewhere in this issue.

**TDXS Weekly DX and Contest Net** - Each Tuesday night at 2100 CST, the Texas DX Society sponsors a **DX and Contest net on 147.96/36 MHz**. The purpose of this net is to exchange information of interest to DXers and contesters. The agenda includes general and club announcements, DX information, contest information, QSL routings, propagation forecasts and various related topics. Participation is not limited to members of the TDXS, but is open to all and everyone is encouraged to join in. **\*\*NOTICE\*\*** Dale, KG5U, who has been overseeing the TDXS Weekly DX and Contest Net for the past year or so, now has classes on Tuesday evenings and will be unable to conduct the Net. Anyone willing and interested in handling this activity until Dale returns is asked to contact Bob, N5RP.

**Bullsheat Articles** - Articles or other newsworthy items are hereby solicited by the editor. Articles should be submitted in the form of either ASCII files or as word processor files. Files may be uploaded to the TDXS area on **KB5NFN's Bulletin Board at 713-777-0821**, or sent to the Editor. If necessary, text may be sent to via FAX to the editor by prior arrangement. Files or other messages may be sent to the editor via Compu-Serve or Internet to 71045.2632@compuserve.com. For those with VHF Packet ASCII text can be sent directly to the Editor. Contact W5ASP at 713-974-3455 to arrange for either fax or packet transfers. Publication deadline is the first Friday of the month.

**DX PacketClusters** - The TDXS Contest and DX PacketCluster operates on 144.950 MHz with the call **K5DX**. This cluster node is operated by Rich, K5WA from his home in southwest Houston, and is sponsored by the Texas DX Society. It is regularly linked to the Texas PacketCluster DX network. K5DX may be accessed directly, or using the TDXS95 packet node by first connecting to the TDXS95 node, and then connecting to K5DX, i.e. **C TDXS95**, then **C K5DX**, all running on 144.950 MHz. The TDXS95 node has been upgraded and will now handle 26 users. It will not function as a digi.

The Brazos Valley Contest and DX PacketCluster Bulletin Board is located in Hempstead, Texas and operates on 144.990 MHz with the call **KE5IV**. This node is accessible either directly or by connecting through any of several local packet nodes. The **MAGBPQ** node on 144.990 near Magnolia provides access to users on the north side of Houston. The **KE5IV** node provides a wealth of information and features of interest to DXers.

The Galveston County DX PacketCluster, located in La Marque, is active under the call **KC5SC** and operates on 144.930 MHz. It is usually connected with K5DX and KE5IV via the 446.100 MHz backbone link.

**BV, Pratas** - DX Bulletin #1 from ARRL Headquarters dated January 4, 1994: On January 5, 1994, a group of expeditioners from Taiwan and Finland will activate Pratas Island, a.k.a Tung sha Dao, for the first time in Amateur Radio history. The team will consist of leader BV5AF, BV2AP, BV4AS, BV4OB and OH2BH. The call signs BV0ARL/BV9P or simply BV9P will be used.

This initial operation will be approximately four and a half hours, from 0300z until 0730z, according to BV5AF, and will hopefully open the door for a larger operation in March. There is currently no DXCC status for this island.

## Upcoming Events

- January 15.....North American QSO Party - Phone
- January 15.....HA (Hungarian) DX Contest - CW
- January 22.....Texas DX Society Annual Banquet
- January 22.....ARRL January VHF Sweepstakes
- January 29.....CQ World Wide 160 M Contest - CW
- January 29.....REF (French) DX Contest - CW
- February 06.....North American Sprint - CW
- February 11.....Texas DX Society Monthly Meeting
- February 13.....North American Sprint - Phone
- February 18.....ARRL International DX Contest - CW
- February 25.....CQ World Wide 160 M Contest - Phone
- February 25.....RSGB 7 MHz Contest - CW
- February 25.....REF (French) DX Contest - Phone

**The Prez Sez de Bob, N5RP**

Well.. Looky, Looky! Another new year for the TDXS! And just who is the guy in the catbird seat? None other than.. **N 5 REVERED PRESIDENT!** Now who would have ever imagined a thing like that? *JUST ANOTHER MIRACLE IN THE LAND OF OPPORTUNITY!*

Well guys, I'm really looking forward to the 1994 year for our TDXS fraternity. Our club is 23 years old this year, and just think we still have an on-going association with some of the founding fathers, as well as having an active roster that includes members in the 20+ years of service vintage.

At this year's banquet I hope to have the opportunity to demonstrate to all of us just what an elite organization we are. If I can do only one thing for the club this year, it is my desire to revitalize the concept that "once you join the TDXS, you are a member for life."

Maybe it was the necessity of my attending meetings for a rather lengthy period of time before being allowed to join that makes me feel this way. Certainly my feelings about our organization might well connect back to the old adage that "anything worth waiting for, is all the more later cherished."

I can honestly tell you that I have enjoyed my membership in the TDXS more than any other organization, or group, with which I have been associated. Where else can a guy enjoy a diversity of wit, politics, barbed tongues, and genuine fellowship, all made readily available through the ease of Ham Radio communications?

I tell you, I feel just plain good when I QSO K5NA, K5MA, AA7VB, K5ZD, etc. in the contests. Similarly, I also feel good when I compete against them for that same station QSO in a contest; never really caring who comes out on top in the pile-up.

And what morning is complete without turning on to the repeater frequency in order to hear some really stupid stuff that rivals the best of Houston's happy talk-show DJ.'s? Now folks, the ability to do these things and get a rush of fun doing them is what makes us different from the rest of the radio clubs in the universe. That's just fact !!!

Enough with the cheer leading talk, already. I guess you guys wanna know what I have in store for the TDXS for 1994. Well, as of this writing, I have two things.

- (1) A tentative list of club happenings, and
- (2) A list of Presidential "I Wants".

**FIRST.. Meeting Agendas**

- **Jan** - Our annual banquet and cocktail session
- **Feb** - A presentation by NN5O on packet and digital modes
- **Mar** - A display of the AC5K's telegraph key collection, and movie on the history of the early days of radio
- **Apr** - A visitation to a local collection of antique TV sets
- **May** - The annual BBQ and post BBQ beer blast
- **Jun** - Field Day, *FIELD DAY, F I E L D D A Y !!*
- **Jul** - Mid year dinner meeting w/ Field Day and Dallas HAM-COM stories
- **Aug** - Satellite Communications Presentation
- **Sep** - Amateur TV Presentation
- **Oct** - W5 DX Bash war stories, 1994 campaign speeches, Contest Season "Pep Session"; w/ Covered dish picnic meeting

- **Nov** - Houston Ham Convention, TDXS Hospitality Suite, Ham Gear Auction sponsored by TDXS and run by Lon, K5JV, Saturday night Hamfest Supper.
- **Dec** - Christmas Meeting w/ songs, drink, games, dancing girls, movies, animal acts, 1995 club activity promises, and more!

AND, it would appear that we might finally have a TDXS golf outing sometime this spring. NZ5I is in the midsts of piecing this together. Perhaps we will have more detailed information at the banquet.

As for the presidential "I Wants"

- **I would like to see a really big turnout for Field Day this year.**
- **I would like to see a lot more TDXS initiated packet spots dumped to the cluster during contest weekends.**
- **I would like to see our "Active" roster grow by bringing back into the group of as many of our "past" members as we can.**

Fellow TDXSers, by my count that comes to: 12 Activities vs. 3 "I Wants"! Fair enough? It is my intention to see to it that all 16 actions occur. I will work hard to try and see to it that they do occur. I'll try my best to make the meetings and events interesting enough so as to warrant your attendance.

And in return.. PLEASE, each you.. try to help me by seeing to it that I get just a positive response to my list of "I Wants", OK?

**DXCC News**

(Taken from the Amateur Radio Newslines..ed)

In DX, word that the ARRL Awards Committee has voted to accept a DX Advisory Committee recommendation aimed at creating an Honor Roll for RTTY DXCC. Qualification for this new Honor Roll is the same as for mixed mode operation. That being the 318 current countries.

On January 1, 1994 Eritrea will be added to the DXCC Countries List, and the level will rise to 319. Contacts made using Baudot, ASCII, Amtor, and other non-CW digital protocols all count for this award. Hams that qualify for the new RTTY Honor Roll will be recognized based on their RTTY DXCC records. No other action is required. --from Amateur Radio Newslines

**Contest Scores**

*Claimed*

- ARRL 10 Meter Contest**  
 KE5FI 938 Q x 112 M SO/Phone  
 K5XI 875 Q x 118 M = 206,500 SO/Mixed  
 KI3L/3 777 Q x 156 M = 338,208 SO/Phone  
 K5WA 253 Q x 69 M = 70,656 SO/CW  
 W5ASP 126 Q x 52 M = 26,416SO/CW  
 K5EC 117 Q x 54 M = 18,468 SO/Mixed  
 NR5M (w/K5LZO) 1630 Q X ? M/S

**Due Dates**

(Contest Logs must be postmarked (or received \*) by the dates listed...Get Your Logs In and marked TDXS!)

- January 31.....1994 Texas DX Society Annual Dues
- February 08.....North American QSO Party - CW
- February 15.....North American QSO Party - Phone

The Ohio/Penn Dx Bulletin

Editor Tedd Mirgliotta, KB8NW  
 Provided by BARF-80 BBS Cleveland, Ohio

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DF4RD, DL7VEE & DXNL, OZ1FJB, AD1C, K4CEF & Southeastern Cluster Group, KJ4VH, WA4JQS, AC4CS, K8YSE and KE9A for the following DX information.

**1B, NORTHERN CYPRUS.** The DX Advisory Committee was advised by Cliff Watson, KR4M, to table his petition for Turkish Republic of Northern Cyprus. No definite reason was given, but there are negotiations going on between both Greek Cypriot and Turkish Cypriot to resolve intercommunal differences and to create a new federal system of government.

**SPECIAL NOTE** (from the Editor): The OPDXB has been accused of promoting the "1B operations" which is WRONG! OPDXB does not promote or take sides, but it is a "DX news service", and like all the other DX news publications, it reports on activities and events on the air.

**3Y, PETER I ISLANDS (ALMOST CALLED OFF!).** The entire DXpedition was almost aborted when it was discovered the icebreaker that was scheduled to pick up the DXpedition team from the island for the return trip, would not be able to schedule a stop for the pickup. The team has been working feverishly behind the scenes for weeks to change this situation. It has involved lots of liaison work, telephone calls and visits into Russia in order to solve the problem. They now have a Russian ship that will make the pickup. There are very few ships in the world that can make such a pickup and are equipped to have helicopters to bring the gear off the island.

Thanks to a lot of perseverance by the entire team, and within just a few days of the drop-dead date for aborting the DXpedition, the Russians magically came through with an offer of help. So the DXpedition is now back on track again. However, the team had to spend over \$2000 in telephone calls, plus plane tickets for some of the Scandinavian team to fly into the Russia to solve the problem. This is a very expensive DXpedition and if you would like to help contribute to this operation, send contributions to KA6V.

The team will be departing in mid-January for Port Stanley in the Falkland Islands. The landing date for Peter I is February 1st. The DX-team is made up of the following: Ralph/K0IR (Team Leader), Tony/WA4JQS, Terry/W6MKB, Bob/N4GCK, Peter/ON6TT, Bob/KK6EK, Luis/XE1L, Willy/HB9AHL and MR. Martin Tossey/Researcher. Also read VP8 below.

**Special Note:** Tony, WA4JQS, has stated he has been working the past few months on plans for a DXpedition to Heard Island with an operation to Kerguelen Island afterwards.

**4U1ITU, ITU HQ** (on RTTY). Wolfgang, DK7UY, will be active from January 3rd to 7th, in Geneva to test some DXpedition equipment from the ITU-Headquarter station 4U1ITU. He will operate mainly on RTTY on 15, 17 and 20 meters, but also some CW and SSB operations will take place on all the other bands. QSL's for this activity ONLY via bureau to DK7UY.

**4Z85TA, ISRAEL (SPECIAL EVENT STATION).** From January 1st through April 30th this station will be on all bands and modes (RTTY, PACKET, SSTV, AMTOR, PACTOR, CW and SSB to celebrate the 85th anniversary of the founding of the city of Tel-Aviv. A special QSL will be sent to everyone contacting the station. Also, a special award certificate signed by the mayor of Tel-Aviv will be available (listen for details). Award and QSL manager for 4Z85TA goes to 4X6LM, Shlomo Mussali, P.O.Box 8225, Tel Aviv 61081 Israel.

**9K, KUWAIT.** Bob, N6BFM, has signed up for another year in Kuwait as 9K2ZZ. Currently he is home in Atlanta, but will be active from Kuwait in another week. He is taking back a 40 meter beam with him which was donated by some W8's in Michigan. Bob's QSL manager is Ray, W8CNL. It has also been announced that Ray's son, Derek, KC4ELO, has now become the QSL manager for Tom, 9K2ZC, and his XYL, Donna, 9K2YY. Address for both W8CNL and KC4ELO is 674 Crestlyn Dr., North Augusta, SC 29841.

**BV0ARL/BV9P, PRATAS ISLAND.** There was a glimmer of hope for this operation to take place the day after Christmas, but a FAX sent by Martti Laine, OH2BH/VR2BH, and received by Ron, K6OZL, states it was called off at the last minute to allocate space for officers heading to Pratas and for more valuable cargo. The next tentative scheduled try is for late February or early March.

**FROM THE RUMOR MILL** (Just before going to print!): From a conversation that was overheard on 75 meters Sunday morning. The rumor now circulating states that two phone calls from a BV operator to some K7 stations informed them that there may be a short operation from BV9P on Jan 5, 1994 for 4.5 hours only (from 0300-0730 UTC). Frequencies to watch are reported to be 14020, 14260, 21020, 21260 and two frequencies on 17 meters which were missed in copying the info. Antennas that will be used are a sloper and dipoles. The rumor says that the operators will be several BV ops and Martti. There is supposed to be a follow up operation which will be a much bigger effort in March. All of this is band-chatter at this point, but may be good dope. WFWL. This information from AC4CS.

**HK0, MALPELO & GORGOLA ISLANDS.** Rumors have been circulating that IT2RAO/HK0 will be operational from Malpelo January 4-7, and from Gorgola Island (in the Valle/Cauca Division group) January 12-15. Very little information is available on either of these operations, but the operator has mentioned that the IOTA numbers are: SA-007 for Malpelo and SA-017 for Gorgola. So you might keep an eye on the IOTA freqs. This is a surprising operation. Malpelo has been a restricted area and authorities only authorize DXpeditions about once every 7 years.

**HUANGYAN DAO (SCARBOROUGH REEF).** Hans, DK9KX, has sent a petition to the DXCC for DXCC Country status for this one. Hans feels that Huangyan Dao qualifies under Point 2 (a) of the DXCC Countries Criteria. Huangyan Dao, a possession of the Peoples Republic of China (PRC), is an uninhabited island situated in the South Chinese Sea. The petition states that the island is in excess of 225 statute miles from the nearest point of the PRC, with nothing between it and the mainland. (15 deg 7'N, 117 deg 51'E)

**S2, BANGLADESH.** Carl, SM6CPY, will be active until January 11th. His call sign is unknown at this time, but plans to emphasize his activity on 30, 80 and 160 meters. There was a station active on New Year's Day signing S21ZZ on 10102 kHz at 1500z which could have been him. Meanwhile, Eric, S21ZG, continues to be active on 14226 DX Net around 1330z, and before that time, he can sometimes be found on 20 meter CW. QSL S21ZG via W4FRU.

**SAD NOTE:** Khalid, A61AB, at the age of 24, became a silent key December 17th, due to accident with his microlight airplane. Khalid was instrumental in helping non-Emirates residents to operate amateur radio in his country.

**T5/OZ1FJB UPDATED AND QSL CARDS.** Lars, T5/OZ1FJB, states he made 1500 QSOs (95% were CW) in the period of May 1st thru September 31st, from Garbaharre in Somalia while working for the UNHCR as a Radiotechnician and Operator. QSL cards will be printed the first of January.

Also, Lars has a new address: Lars E. Hinrichsen, Graeshavevej 17, DK-2730 Herlev, Denmark.

**VP8, FALKLAND ISLANDS.** Before the 3Y operation, Ralph/KOIR, Peter/ON6TT and a civilian member of the DX-team will arrive on the Falklands 4 to 5 days ahead of the rest of the DX-team because of the lack of seats on the R.A.F. flight. The early arrivers plan to do some low band operations as VP8BZL (Tony/WA4JQS's call) while they are waiting for the rest of the team to arrive later in the week. They will try to be active mainly on 160, 80 and 40 meters CW and SSB. QSL via KA6V.

**XF4, REVILLA GIGEGO.** Per an operator at XF4CI, on 3795 kHz at 0722z on December 31st, the team will pay special attention to HF CW on the last three days of the DXpedition (January 4,5,6). The XF4CI was also active on 160 meters SSB the same day at 0330z and 0600z. They were also heard on OSCAR 13 at 0640z, 145.900 MHz.

**XZ4TA WAS ACTUALLY 4Z4TA.** In OPDX.140 we reported on two QSN reports on a XZ4TA from the cluster networks. Ken, KE9A, believes XZ4TA was actually 4Z4TA, not XZ4TA.

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### Propagation Forecast

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de Tad Cook, KT7H

Solar activity took a large unexpected jump last week, averaging more than 34 points better than the week prior. The greatest solar flux was on December 27, reaching 140.4, the highest since May 30, 1993 when it was 140. Prior to that, the last time the flux was higher was on April 8, 1993 when it was 143.1 The best part of this event for radio amateurs was that there was no increase in geomagnetic disturbances. In fact, the A and K indices were very quiet.

There has been a forecast for a recurring coronal hole to wreak havoc around the last day of the year, but as of this writing, it has not appeared. Perhaps the big rise in activity is part of the moderate increase in flux that was forecast for this Fall and Winter season, before the solar cycle continues it's retreat toward a probable minimum in about 3 years.

1993 has been a year of declining solar activity, and this should continue through 1994, 1995, and the following year. The latest long term forecast shows average monthly flux values rising about five to fifteen points until April 1994, and then dropping to about ten points lower than the current level by the end of 1994.

As we begin the new year, look for typical winter conditions with 80 and 160 meters benefitting from low noise levels and long nights. 40 meters should be a good DX band starting around sundown, and the higher bands during the daytime. In January the flux should reach a minimum around the 17th or 18th, dipping below 100, and then rise back to the current higher levels around the end of the month.

Beginning this week the sample path projections will take a slightly more cautious approach to when band openings begin. It is difficult to make these forecasts for all levels of amateur radio stations, given the wide range of antennas and station environments. There will now also be weightings used to make the forecast, particularly on the lower frequencies to account for average low band antennas at most stations.

The projection this week is from West Suffield, Connecticut to Germany.

Look for 80 and 75 meters to open after 2030z, peak from 2330z to 0630z, and end after 0900z. 40 meters looks good from 1900z to 0800z or 1000z, peaking around 2130z to 0730z, which is the period that darkness prevails over both

ends of the path. Check 30 meters from 1230z until 1900z, and again around 0330z to 0500z. 20 meters also looks good from 1230z to 1900z, with the peak periods at the beginning and the end of the opening. 17 meters should be usable from 1330z to 1730z, and 15 meters from 1430z to 1700z. 12 meters has some possibility of openings on some days from 1500z to 1630z. 10 meters does not look promising, but on some days there may be openings around 1600z.

(For a W5 it's hard to comprehend what a 10 hour "peak" opening into Europe on 40 M and 7 hours on 80/160 would be like..ed)

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### Save Those .CTY files

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de Jim, AD1C

The .CTY files for CT were never guaranteed to be backward compatible. In other words, you can not necessarily use a new .CTY file with an older CT log. Prefixes change all the time. For example, CT2 used to be the Azores, but now it's Portugal. This is especially true of the recent Russian prefix upheaval.

When you put your .BIN file away for storage after you've sent in your log, it's a good idea to include the appropriate .CTY file as well. That way if you need to go back and look at an old log, you will have something matching the score you sent in.

I use PKZIP to make an archive which includes both the .BIN file and the appropriate .CTY file. I give the .ZIP file the same name as the original .BIN file. This also compresses the log, which means you can fit more logs on a single floppy (the way I store old logs).

Remember, you can only ever have one original. Don't lose it!

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### Incoming QSL Cards

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The ARRL DX QSL Bureau consists of a number of separate call area bureaus that handle the incoming QSLs arriving from foreign countries. This service is free of charge and does not require ARRL membership. For the Fifth Call Area the address is: **ARRL W5 QSL Bureau, P. O. Box 50625, Midland, Texas 79710.** Full details about this ARRL service appears in the **January 1994 QST on page 98.**

To claim cards ARRL recommends sending the bureau a number of 5 x 7 1/2 in. SASEs. To assist TDXS members in this Bob, AK5B, has obtained a supply of envelopes. He will provide 10 of the 5 x 7 1/2 envelopes along with a single 6 x 9 in which to mail them to the bureau for \$1.00. If you are interested, catch him on the repeater or call a day or so before the monthly meetings.

For those who expect to receive large quantities of cards here are a couple of suggestions. (1) Place \$1.25 postage on each 5x7 self-addressed envelope, (2) Have the post office stamp "THIRD CLASS" in the lower left, (3) Attach a label "50 Cards Minimum" beneath the "THIRD CLASS", (4) Put your call in the upper left and (5) Number the envelopes consecutively (so you will know where you stand as you receive them back from the bureau). This approach will save a lot of agony with postage due and avoid small mailings which use up envelopes needlessly. The time delay in using Third Class won't be noticeable.

With the shift in the W5 Bureau to Midland, there has been a tremendous effort to clear up the backlog of cards. Lots of 5th District hams have cards waiting on them. Please at the bureau. Please pick them up soon.

1994 TEXAS DX SOCIETY WINTER BANQUET

WHERE: THE WYNDHAM WARWICK  
WHEN: JANUARY 22, 1994  
6:30 P.M. FOR CASH BAR & HORS D'OEUVRES  
7:15 P.M. FOR DINNER  
COST: \$ 25.00 PER PERSON

DINNER SELECTIONS, AS FOLLOWS:

\_\_\_ CHICKEN CAPER AIOLI W/ FRESH PASTA  
\_\_\_ BEEF STROGANOFF

EACH OF THE ABOVE SERVED W/  
FRENCH ONION SOUP  
VEGETABLE DU JOUR  
CARROT CAKE  
COFFEE

***PLEASE CONFIRM YOUR PLANS TO ATTEND  
AND INDICATE YOUR ENTREE SELECTION BY CONTACTING N5RP @  
466-6751 ... DAY, 466-1163 ... FAX, 493-5780 ... NIGHT,  
PACKETCLUSTER MAIL, OR N5RP-1 (PBBS) ON 144.95 MHZ !!!***

DUES FORM FOR 1994 TDXS MEMBERSHIP

(please return to KC5CP w/ remittance)

- \$25.00 ..1.. FULL MEMBERSHIP (AVAILABLE ONLY TO A 1993 MEMBER WHO HAS ATTENDED AT LEAST FOUR (4) 1993 MEETINGS)
- \$25.00 ..2.. ASSOCIATE MEMBERSHIP (1994 CLASSIFICATION OF A 1993 MEMBER WHO DID NOT ATTEND AT LEAST FOUR (4) 1993 MEETINGS)
- \$12.50 ..3.. ASSOCIATE MEMBERSHIP (FOR THOSE LIVING MORE THAN 75 MILES FROM MAIN MAIL CENTER; HOUSTON, TEXAS)
- \$10.00 ..... LATE FEE TO BE ADDED TO 1994 DUES PAYMENT FOR ANY MEMBERSHIP CATEGORY IF DUES PAYMENT IS MADE AFTER JAN. 31, 1994.
- \$10.00 ..... REQUIRED FEE SO AS TO RE-ACTIVATE A MEMBERSHIP THAT WAS EXPIRED FOR 1993.

\$ \_\_\_\_\_ DUES AMOUNT INCLUDED FOR CATEGORY 1,2,3,  
CALLSIGN: \_\_\_\_\_ TDXS MEMBER # \_\_\_\_\_  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
HOME PHONE: \_\_\_\_\_ WORK PHONE: \_\_\_\_\_  
BIRTH DATE (OPTIONAL): \_\_\_\_\_  
PRIOR CALLSIGNS: \_\_\_\_\_