

April 10, 1990

8:00 P.M.

Luby's North Loop

PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM

"VHF in the Arctic - The Bear Facts" will be presented by Karl Focke from the Applied Research Labs at UT. ARL provided VHF base station antennas for arctic experiments with low power telemetry. See what happens to coax in the arctic! See our newest radio hobbyists! Amateur radio direction finding hardware provided a design for locating the field sites under the severe arctic climate.

PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM

NO SMOKING PLEASE during the Club Meeting/Program. The Austin Amateur Radio Club has a no smoking policy during meetings and programs.

***** 1990 AARC OFFICERS *****

PRES MIKE KELLAM AA5JP 836-8223 919
 V PRES STUART ROHRE K5KVH 255-3932 918 TREASURER ANADO RAMIREZ NSPCP 280-1879 914
 SECRETARY JOE CAMFIELD NSHPC 258-4741 917 ACTIVITY MGR DARRELL DAWSON WDSCDY 258-1433 915

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 WSKA TRUSTEE JOE FISHER K5EJL 926-4689
 EDITOR RICK HERNDON K5FNI 454-1670 914 LABELS & HOSTER PETE JORDAHL K5GM 454-7889 913

(Numbers after the call signs are: phone # and autodial #.)

Contributions of articles, cartoons, etc. should be addressed to 1809 W. Saint Johns Ave., Austin, TX 78757-2338. Phone numbers for editor: home 454-1670/work 465-4338. The deadline for articles is twelve days before the FIRST TUESDAY of each month. Permission is hereby granted to reprint articles appearing in the AACOVER, provided credit is given to AACOVER and author. Commercial ads are accepted \$15/full page, 1/2 page \$10. Members may advertise ham-related For Sale or Wanted ads free if space is available.

***** HAM AD *****

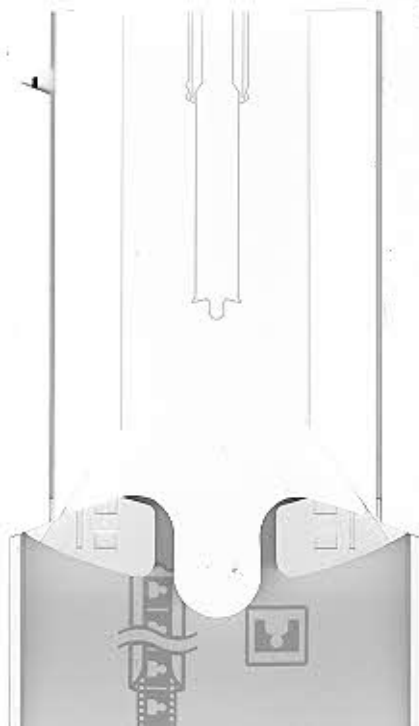
WANTED: Any old Hallicrafter or Echophone gear, parts, manuals, etc. DEAD OR ALIVE!
 Chuck Dachis - W0SEOC - The Hallicrafter Collector - 512-443-5027

***** ARES/RACES *****

Members who are ARES and/or RACES operators are asked to please send a postcard with this information to the AARC at the club post office box (see cover of AACOVER). Those interested in ARES and/or RACES operation are also requested to indicate your interest by sending a postcard indicating your interest to the same address. Please send this information as soon as possible so that we can update our club records and make future plans for emergency operations. ... AA5JP, Mike Kellam

***** MINUTES OF THE AUSTIN AMATEUR RADIO CLUB *****

for March 13, 1990. President Mike Kellam, AA5JP, called the meeting to order in Luby's on North Loop at 8:00PM. VISITORS: Carl, a KB9 from Illinois; Rich, KB5LDO; Greg, no call; and J.R., a new novice waiting for his call. OFFICER'S REPORTS: The minutes of the last meeting were



accepted as printed in the AARCOVER. Treasurer Amado Ramirez, N5PCP, reported a checking account balance of \$2578. The accounts have been moved from NCNB to the University Federal Credit Union in order to escape a monthly charge to our account.

Ed, K3AHS, K3AHS, Technical Committee Chairman, reported no known problems with the 146.78 repeater. The Activities Manager, Darrell, WD5CDY, reminded us of the Midland Swapfest this coming weekend. He is also looking for a Captain for the CW station for this summer's Field Day exercise. The AARCOVER Editor, Rick, K5FNI, has plenty of extra AARC/Overs for those wanting extra copies. Rick asks the Volunteer Examiners to let him know well in advance of the exam dates so that he can put an announcement in the newsletter. Those with news items may leave them in a file on the "Boardwalk" Bulletin Board (258-5528 and describe it with a message to the sysop when you leave to put it in "Area 65" -ed.).

NEW MEMBERS: Steve Orr, WB3CES, was elected a new member. OLD BUSINESS: At the last meeting, Rick, K5FNI, made a motion to give a one year club membership to all graduates of the club's Novice Class. The motion was discussed and tabled so that the Officers could examine the By-Laws to see if this was permitted. The By-Laws do not appear to permit this to be done. Rick withdrew his motion in order for Miles, N5KOB, to offer a motion that "The AARC send the AARCOVER to all new hams in the area that we know of, until the next renewal time". This motion was seconded by Jim, WA5LHS and passed by voice vote.

NEW BUSINESS: Mike, AA5JP, raised the possibility of holding a joint meeting with the ARO for the purpose of having a presentation on reporting severe weather by the weather service personnel. There was no clear consensus either for or against this idea.

ANNOUNCEMENTS: The Quarter Century Wireless Association meeting is this coming Saturday, Wyatt's Cafeteria, at Lamar and Anderson Lane. The April VEC amateur exams will be on the 7th, not the 14th. They will be at the Texas School for the Blind on West 45th.

PROGRAM: Stuart, K5KVH, introduced Jim Neely, WA5LHS, who is the immediate past president of the Austin Repeater Organization and now the new treasurer of the Texas Packet Radio Society. Jim qualifies as an "Old-Timer" in packet radio. His call is on the local port of the Tex-Net system. Jim went into a simplified explanation of what packet radio is, what is done with it, and described the Tex-Net System as it now exists and how it is planned to grow.

Respectfully Submitted: Joe Canfield N5HPC, AARC Secretary.

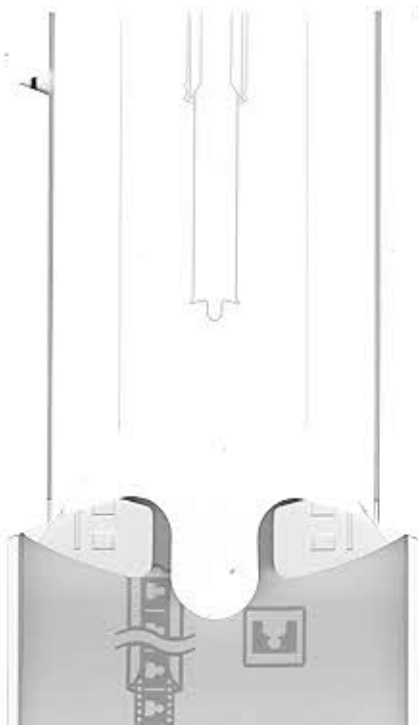
***** STAMPS FOR THE VETS *****

There is an organization that collects stamps and gives them to a hospital unit that works to rehabilitate the wounded vets. The vets soak them off the envelopes, dry and press them. The stamps then are packaged and sold. The money received purchases items for the patients' own use.

They are asking for U.S. commemorative and foreign stamps. They ask that you cut the envelopes to leave 1/4" around the stamp, if possible.

If you would be willing to participate, Louis Pecenka (N5ORG) or Rick Herndon (K5FNI) will accept the stamps at AARC meetings and see that they get to the organization's headquarters. I read that one contributing organization sent over 100 pounds of stamps. Thanks! ...

N5ORG, Louis



The March 10 upgrades:

| Name | Call | Old | New |
|-------------------------|-------|------------|------------|
| Glenn R. Astolfi | N3HSY | General | Advanced |
| Joseph S. Eckols | N5ORB | Technician | General |
| Wilbern W. Adams, Jr. | - | - | Novice |
| Vance T. Naumann | - | - | Technician |
| James V. Sylvester | - | - | Novice |
| David W. Milner | - | - | Technician |
| Barbara D. Humphries | N5PKM | General | Advanced |
| Elmont E. Hollingsworth | N5PAT | Technician | Advanced |

Special thanks to the VE's who helped out:

| | | | |
|---|--------|--------------|-------|
| Larry Gunter | WB5BEK | Gene Hinkle | K5PA |
| Mike Kellam | AA5JP | Les Lewis | AA5AK |
| Roy Miller | W5FOZ | Larry Runyon | W5SBE |
| and, of course, myself, Steve Runyon WQ5G | | | |

The January 13, upgrades:

| Name | Call | Old | New |
|------------------------------|--------|------------|------------|
| Robert J. Gatliff | KG5TR | Advanced | Extra |
| Clyde A. Brannan III | KB5ELV | General | Advanced |
| David H. Penrose | - | - | Extra |
| Bruno W. Barchenger | soon | Technician | Advanced |
| James E. Tarum | WB0UZE | Advanced | Extra |
| Hemachandran P. Ramachandran | - | - | Novice |
| Leo W. Little | WA4MEH | Advanced | Extra |
| Ronnie W. Head | WA5NQR | General | Advanced |
| William W. Campbell | KB5LBM | General | Advanced |
| Breta R. Head | soon | Novice | Technician |
| Luke H. Cummings | N5PPS | Technician | Advanced |
| Joe D. Carmean | KB5LAE | Novice | Technician |
| Thomas Tokarski | N5LCI | General | Advanced |
| Ralph Encarnacion | N5PAJ | Technician | General |
| Dan C. Drummond | soon | General | Advanced |

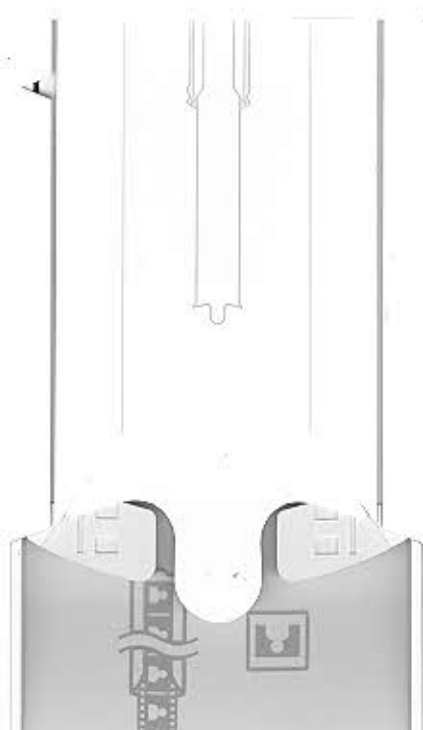
Special thanks to the VE's who helped out:

| | | | |
|-----------------------------------|--------|----------------|-------|
| Larry Gunter | WB5BEK | Gene Hinkle | K5PA |
| Mike Kellam | AA5JP | Les Lewis | AA5AK |
| Frank Laird | AA5DT | Ron Willingham | KF5QW |
| and, of course, Steve Runyon WQ5G | | | |

[SPECIAL NOTE: David Penrose from zip to Extra! -ed.]

***** SPRING '90 AARC/MANCHACA SWAPFEST *****

This year's Spring '90 AARC/Manchaca Swapfest will be held on Saturday, April 14th, starting at 7:00 AM. Approximately 30 tables will be available on a first come first served basis, so you may wish to bring along your own. Table spaces in the covered area will cost \$3.00. Several spaces will be available just outside the covered area for tailgating at a cost of \$1.00. The Manchaca Volunteer fire station is located on FM 1626 one block west of Manchaca Rd. If you are going to be coming in on I35, look for the FM 1626 exit 225B. If you are northbound on I35, you will have to travel about a quarter mile back down the



southbound feeder road after you cross over. Talk in is planned on the AARC's 146.78 using a remote base system to better access the repeater from the fire station with handy talkies. Of course, anyone operating mobile on their way to the swapfest is encouraged to monitor '78 and the other local repeaters and provide swapfest information and directions as necessary. Also, I am looking for volunteers to help with parking cars, manning a talk-in station and after swapfest cleanup. Contact me at home or see me after the meeting if you can help. See you there and Happy swapfesting ... WD5CDY, Darrell

***** NO-CODE *****

The April, 1990 issue of QST magazine contains several articles on the proposed no-code license and other changes in the Amateur license classes. Included is the complete text of the FCC NPRM (Notice of Proposed Rulemaking) released on February 16. There are several comments from the ARRL regarding its position on the proposal from the FCC, which differs from the ARRL proposal.

Of particular importance is the lengthy period for comments which ends on August 6, 1990. The FCC has given a long comment period in hopes of hearing from as many as possible--preferably, as many hams as possible and not just the ARRL and other groups expressing opinions of their members.

If no comments are received, then the regulations are made law AS PROPOSED! On the other hand, the FCC will listen to comments and make changes or withdraw its proposal altogether, based upon comments received. Yes, it is possible to leave everything as it is if enough hams write in and express that preference.

More likely, of course, is that there WILL be changes--but in what form? The proposal is to eliminate the Novice and Technician class (for issuing of new licenses -ed.). At this time, the privileges proposed for the new "Communicator" class require about the same level of written exam as the current Technician license, but with FEWER privileges.

The FCC has suggested that the new license would be more meaningful if it had 2-meter privileges. Since the proposal does NOT include 2-meter privileges for the new no-code license, the implication is that with enough comment in favor of 2-meter "Communicator" privileges, then there will be 2 meters for the new "Communicator" license.

Some hams probably couldn't care less what the final outcome will be. Some wish the whole thing would go away. Some have definite ideas of what any changes should be. The latter two groups can have their way if enough write in and comment, so, WRITE!

For better or worse, we now have a government which generally moves in directions indicated by activists. The squeaky wheel principle is the golden rule of democracy.

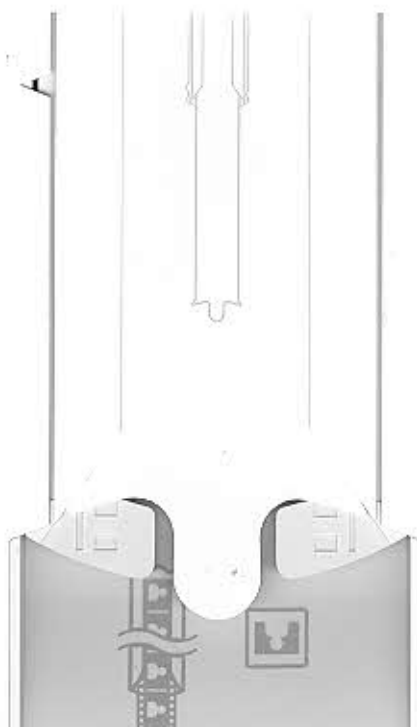
ANYONE interested in any way - even to just leave things as they are, please send your comment in a card or letter to:

Federal Communications Commission

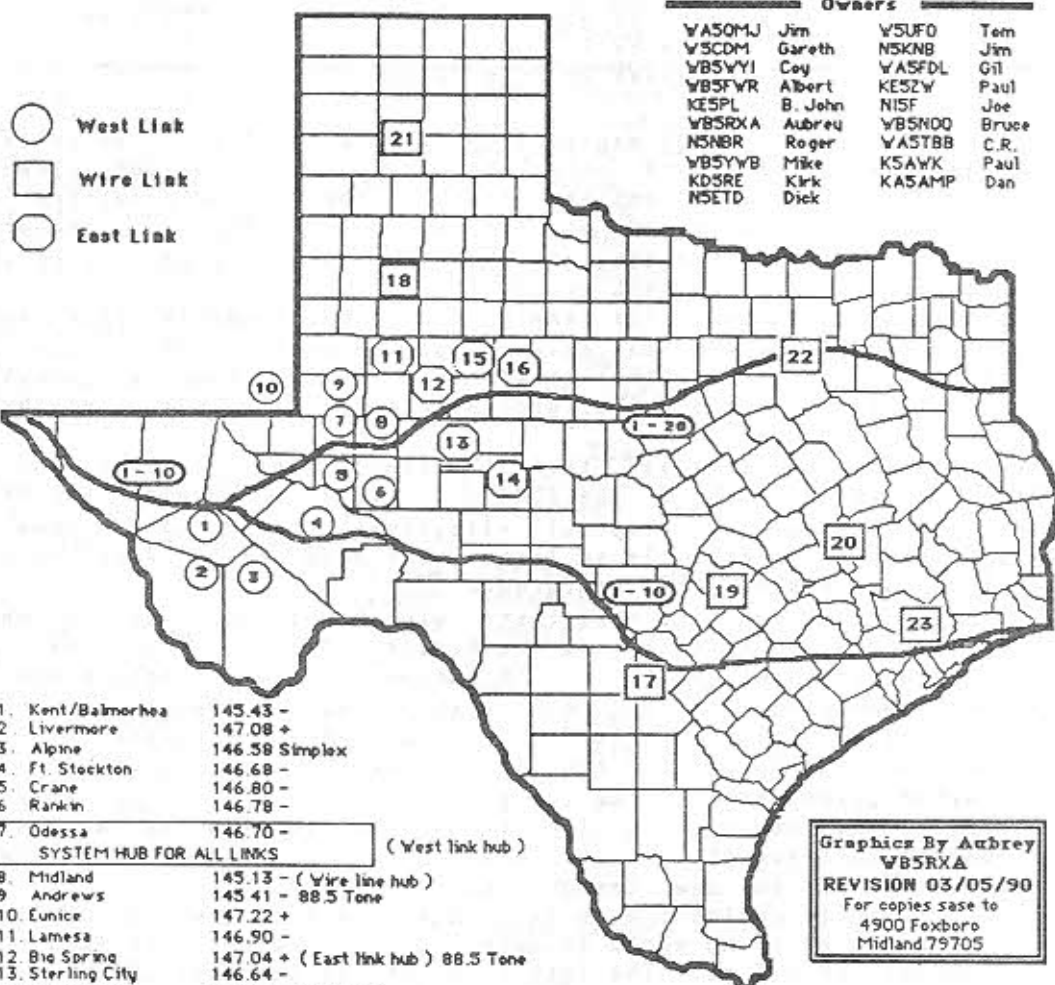
Washington, D.C. 20554

Reference: PR Docket No. 90-55

AA5JP, Mike Kellan



The West Texas Connection



Owners

| | | | |
|--------|---------|--------|-------|
| VASOMJ | Jim | V5UFO | Tom |
| VSCDM | Gareth | N5KNB | Jim |
| VBSVYI | Coy | VASFOL | Gil |
| VBSFWR | Albert | KESZW | Paul |
| KE5PL | B. John | N5F | Joe |
| VBSRXA | Aubrey | VBSNOD | Bruce |
| N5NBR | Roger | VASTBB | C.R. |
| VBSYVB | Mike | K5AWK | Paul |
| KDSRE | Kirk | KASAMP | Dan |
| N5ETD | Dick | | |

- West Link
- Wire Link
- East Link

- | | | |
|--------------------------|------------------------------------|-------------------------------|
| 1. Kent/Balmerhea | 145.43 - | |
| 2. Livermore | 147.08 + | |
| 3. Alpine | 146.58 Simplex | |
| 4. Ft. Stockton | 146.68 - | |
| 5. Crane | 146.80 - | |
| 6. Rankin | 146.78 - | |
| 7. Odessa | 146.70 - | (West link hub) |
| SYSTEM HUB FOR ALL LINKS | | |
| 8. Midland | 145.13 - | (Wire line hub) |
| 9. Andrews | 145.41 - | 88.5 Tone |
| 10. Eunice | 147.22 + | |
| 11. Lamesa | 146.90 - | |
| 12. Big Spring | 147.04 + | (East link hub) 88.5 Tone |
| 13. Sterling City | 146.64 - | |
| 14. San Angelo | 146.88 - | Proposed |
| 15. Snuder | 146.86 - | |
| 16. Sweetwater | 147.12 + | |
| 17. San Antonio | 145.79 Simplex | 88.5 Tone (Down for maint.) |
| 18. Lubbock | 147.58 Simplex | 88.5 Tone |
| 19. Austin | 147.54 Simplex | 88.5 Tone |
| 20. College Station | 147.58 Simplex | 88.5 Tone |
| 21. Amarillo | 147.56 Simplex | 88.5 Tone (Proposed) |
| 22. Dallas | Proposed UHF Freq. (DTMF callup) | |
| 23. Houston | Proposed (DTMF callup) | |

Graphics By Aubrey
VBSRXA
 REVISION 03/05/90
 For copies sake to
 4900 Foxboro
 Midland 79705

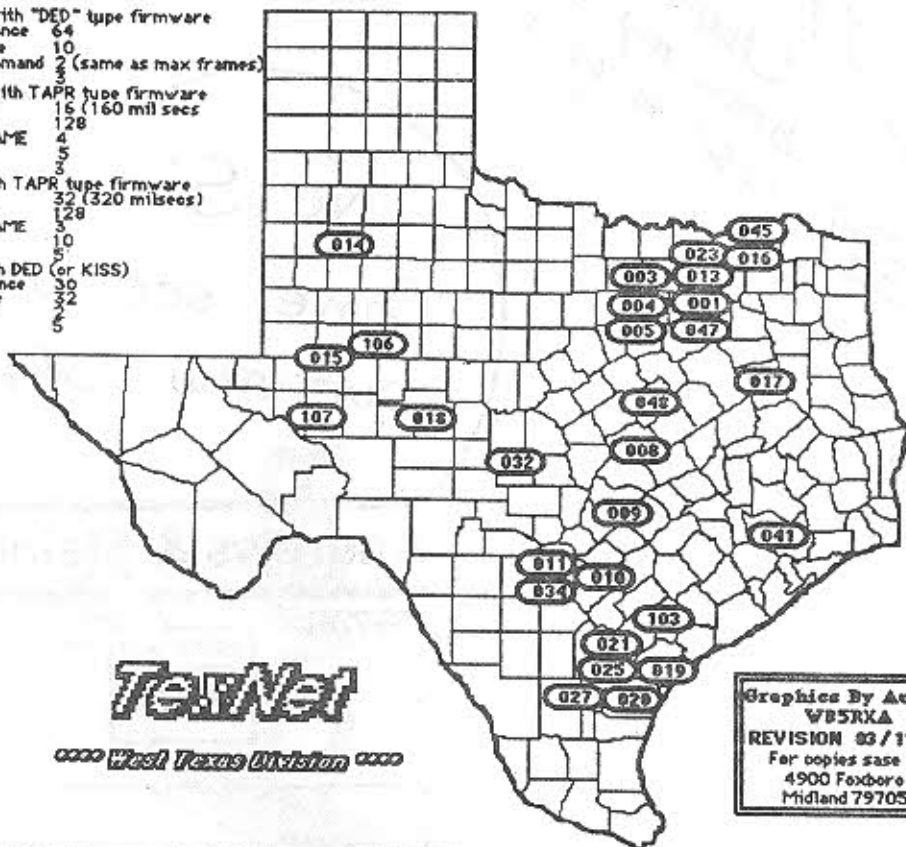
This system is utilized by the
 National Weather Service and
 Amateur Radio Sky Warn Spotters
 during severe weather.

Texas Packet Radio Society

P.O. Box 50900 Dallas, Texas 75220-0900

Midland Area Params.

Users with "DED" type firmware
 persistence 64
 slot time 10
 "O" command 2 (same as max frames)
 "P" command 3
 Users with TAPR type firmware
 DWait 16 (160 mil secs)
 PACLEN 128
 MAXFRAME 4
 RESP 5
 FRACK 3
 BBS with TAPR type firmware
 DWait 32 (320 milsecs)
 PACLEN 128
 MAXFRAME 3
 RESP 10
 FRACK 5
 BBS with DED (or KISS)
 persistence 30
 slot time 32
 "O" com 2
 "P" com 5



TeNet

West Texas Division

Graphics By Aubrey
 WBSRKA
 REVISION 03/11/90
 For copies sake to
 4900 Foxboro
 Midland 79705

| | | | | | | | | |
|---------------|--------|--------|-------------|---------|-------------|--------|--------|---------------|
| 001 NDALLAS | WRSC | 145.05 | DALLAS | PMS | 020 CORPUS | NSJUT | 145.05 | CORPUS |
| 003 RICH | W9DDD | ***** | DALLAS | R&D | 021 PETTUS | KA5BWL | 145.01 | PETTUS |
| 004 MURPHY | NSEG | 145.09 | DALLAS | NMS | 023 MESQT | WDSHJP | ***** | DALLAS |
| 005 NWS | KASDWR | ***** | FT WORTH | WEATHER | 025 CCSU | NSAHD | 144.99 | CORPUS |
| 008 EDDY | NUSD | 145.05 | TEMPLE | | 027 ALICE | KSDYY | 145.01 | ALICE |
| 009 AUSTIN | WASLHS | 145.07 | AUSTIN | | 032 DOSS | ***** | ***** | SE SAN ANGELO |
| 010 SEGUIN | WASEWS | 223.58 | SAN ANTONIO | PMS | 034 SANTEX | WBSYYB | 223.58 | SAN ANTONIO |
| 011 ALAMO | NDCCW | 145.09 | SAN ANTONIO | 223.58 | 041 HOUSTON | ***** | ***** | HOUSTON |
| 013 DENTON | WSNGU | 145.91 | DALLAS | | 045 PARIS | KOSI | ***** | PARIS |
| 014 LUBBOCK | WASTBB | 145.05 | LUBBOCK | | 047 SDALLAS | KFSRN | 144.93 | DALLAS |
| 015 MIDLAND | WBSRKA | 145.05 | MIDLAND | | 048 WACO | WDSKAL | ***** | WACO |
| 016 GRNYL | WB5IZL | 145.05 | DALLAS | | 103 REFUGIO | WBSOLT | ***** | LINK ONLY |
| 017 PALESTINE | KB5OQ | ***** | PALISTINE | | 106 BIGSLNK | WBSNOQ | 145.05 | BIG SPRING |
| 018 ANGELO | WUSR | ***** | SAN ANGELO | | 107 KINGLNK | WBSYHC | 145.05 | CRANE |
| 019 ROCPRT | NSJKH | 144.99 | ROCKPORT | | | | | |